EAST 126TH STREET

MANHATTAN, NEW YORK

Remedial Investigation Report

OER Project Number: 15EHAN264M

Prepared for:

Rigano, LLC

425 Broad Hollow Road, Suite 217

Melville, New York 11747

Prepared by:

FPM Group

909 Marconi Avenue

Ronkonkoma, New York 11779

JUNE 2015

REMEDIAL INVESTIGATION REPORT

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

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
GPR	Ground Penetrating Radar
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, Stephanie O. Davis, 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 East 126th Street 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.

	6-17-15	
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 in Manhattan, New York and is identified as Block 1774 and p/o Lot 30. It should be noted that the lot number was identified as Lot 48 prior to December 2014 on the New York City Tax Map. Figure 1.1.1 is a Site location map. The Site is 22,500-square feet and is bounded by East 126th Street to the north, a commercial building containing various stores and a New York State Department of Motor Vehicles (DMV) office to the south, the Salvation Army Community Center to the east, and a residential building with various stores, restaurants, and a laundromat on the first floor to the west. Currently, the Site is used for parking and is asphalt-paved. Figure 1.1.2 is a Site plan showing the current layout of the Site.

Summary of Proposed Redevelopment Plan

The proposed use of the Site will be commercial and residential. Redevelopment will include the construction of an eleven-story building with a basement below ground to a total depth of 10 feet below grade (fbg). An elevator pit will also be present in the center of the building to an estimated depth of 19 fbg.

The layout of the proposed site development is presented in Figure 1.2.1. The current zoning designation is C4-4D, which permits commercial and residential use.

The redevelopment plan includes demolishing the current Site asphalt-pavement, with removal and proper offsite disposal of all demolition debris. No sub-grade demolition is anticipated or planned.

The new building footprint will be approximately 20,161 square feet for a total of approximately 260,000 square feet and will occupy the entire lot. A portion of floors 6 through 11 will extend over the commercial building on the adjoining property to the south. The basement will contain a parking garage and mechanical rooms. The first floor will contain a residential apartment lobby, commercial space, a loading dock, and maintenance rooms. The

second floor will contain commercial space and maintenance rooms. The third floor will contain residential apartments, a bar, a fitness center, a lounge, several common rooms for entertainment, and maintenance rooms. The fourth floor will contain residential apartments, a communal kitchen and dining room, a fitness center, a lounge, conference rooms, and maintenance rooms. Floor five will contain residential apartments, a laundry room, and maintenance rooms. Floors 6 through 11 will contain residential apartments and maintenance rooms. The roof will be used as a terrace and will contain a pool. The building will contain 233 apartments and three elevators; the total gross area of the building will be approximately 260,000 square feet.

Redevelopment will include excavation across the entire Site to a depth of 13 fbg. Approximately 9,244 cubic yards of soil will be excavated. Depth to groundwater is ranges from approximately 12 to 14 fbg.

Summary of Past Uses of Site and Areas of Concern

The Site was developed prior to 1896 with approximately four buildings occupied by the 29th Police Precinct on the western portion of the property and approximately 13 buildings ranging in size from one to five stories on the remainder of the property. In 1911 the subject property included the police precinct building, a two-story furniture storage building, a five-story dwelling, a five story dwelling with a printing store, a five-story store building, and a theater building. Between 1951 and 1968 the theatre stopped operating. In 1965 a pharmaceutical manufacturer occupied the first floor of one of the buildings. Between 1969 and 1979 several buildings were removed from the subject property, leaving only the furniture storage building and the theatre. Between 1996 and 2001 the remaining buildings were removed from the subject property and between 2002 and 2003 the property was redeveloped with a parking lot. The property is currently owned by Gotham Plaza Associates, LLC, which has owned the property since November 14, 2000. The property was previously owned by various private and commercial entities. No industrial ownership is apparent.

A Phase II Investigation Work Plan was developed in accordance with the requirements of the OER. The Phase II Investigation Work Plan included provisions for assessing the potential presence and nature of historic fill, and assessing soil vapor and groundwater quality.

Summary of the Work Performed under the Remedial Investigation

The following scope of work was performed as part of the RI:

- Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
- Conducted a geophysical survey of the Site to investigate for the existence of potential USTs and other subsurface infrastructure;
- Installed 10 soil borings across the entire project Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
- Installed four groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
- Installed six soil vapor probes around Site perimeter and collected six samples for chemical analysis.

Summary of Environmental Findings

1. Elevation of the property ranges from 15 to 20 feet above mean sea level.
2. Depth to groundwater ranges from 12.08 to 14.68 feet at the Site.
3. Groundwater flow is generally from north-\to south beneath the Site.
4. Depth to bedrock is approximately 32 to 50 feet at the Site.
5. The stratigraphy of the site, from the surface down, consists of historic fill composed of a brown medium to fine-grained sand with angular gravel and containing pieces of brick, asphalt, concrete, and glass.
6. Soil/fill samples results were compared to New York State Department of Environmental Conservation (NYSDEC) Part 375 Table 375-6.8 Unrestricted Use and Restricted Residential Use Soil Cleanup Objectives (SCOs). Fill samples collected during the RI showed no exceedances for VOCs above the Unrestricted Use Track 1 SCOs, with the exception of acetone in the deep sample (blank sample). Several SVOC were detected exceeding Restricted Residential Use SCOs in three shallow and three deeper soil samples and included benzo(a)anthracene (3,400 µg/kg), benzo(a)pyrene (3,200 µg/kg), benzo(b)fluoranthene (3,700 µg/kg), dibenzo(a,h)anthracene (800 µg/kg), and/or

indeno(1,2,3-cd)pyrene (3,500 µg/kg). Chrysene (3,600 µg/kg) also exceeded the Unrestricted Use SCOs in 5 of the 20 soil samples collected. The metals including barium (621 mg/Kg) and lead (1,230 mg/Kg) exceeded the Restricted Residential Use SCOs in 2 of the 20 soil samples collected. Mercury and zinc also exceeded the Unrestricted Use SCOs. The pesticides 4,4'-DDD (27 µg/kg), 4,4'-DDE (10 µg/kg), and/or 4,4'DDT (40 µg/kg) exceeded the Unrestricted Use SCOs in 9 of the 20 soil samples collected, but did not exceed the Restricted Residential Use SCOs. No PCBs were detected in any of the soil samples. Overall, the soil chemistry is unremarkable and does not indicate any disposal.

7. Groundwater samples results were compared to New York State 6NYCRR Part 703.5 Class GA groundwater quality standards (GQS). Groundwater results showed three VOCs including cis-1,2-dichloroethene (at 6.2 µg/L) in one sample, PCE (ranging from 20 µg/kg to 660 µg/kg) in three samples, and TCE (at 19 µg/kg) in one sample exceeding their respective GQSs. The SVOCs benzo(a)pyrene and hexachlorobenzene exceeded their GQSs in two of the four samples collected. Several metals were identified but only magnesium, manganese, and sodium exceeded their GQS in both the unfiltered and dissolved-phase samples. No PCBs or pesticides were detected in any of the groundwater samples. Groundwater use is not contemplated at this Site

8. Soil vapor results collected during the RI were compared to the compounds listed in Vapor Intrusion Matrices in the New York State Department of Health (NYSDOH) Final Guidance for Evaluating Soil Vapor Intrusion, dated October 2006. Soil vapor results showed several classes of VOCs consistent with the Site's location in an urban area. Petroleum-related VOCs (BTEX) were detected at a maximum concentration of 115 micrograms per cubic meter (µg/m^3). Most compounds were detected at concentrations less than 20 µg/m^3, except for acetone detected in all samples at maximum concentrations of µg/m^3 and hexane at maximum concentration of 290 µg/m^3. Chlorinated VOCs including cis-1,2-dichloroethene (1.3 µg/m^3), PCE (maximum of 36 µg/m^3), TCA (at 3.4 µg/m^3) and TCE (maximum of 10 µg/m^3) were detected in four of the six soil vapor samples. Concentrations of TCE were detected at a level for which the NYSDOH recommends monitoring or mitigation.

REMEDIAL INVESTIGATION REPORT

1.0 SITE BACKGROUND

This RIR has been developed for the property located at East 126th Street in Manhattan, New York (the Site). This project has been assigned OER Project number 15EHAN264M by the New York City Office of Environmental Remediation (OER). Residential and commercial use is proposed for the property. This RI report summarizes the investigation findings based on the November 2014 Phase II ESI Work Plan report prepared by FPM Group, Ltd. in coordination with OER. The RI work was performed on January 31, 2015 and February 10, 2015. An E-Designation for Hazardous Materials (E-201) was placed on the Site by the New York City Department of City Planning (DCP) as part of the April 30, 2008, 125th Street Corridor Rezoning and Related Actions (CEQR 07DCP030M). This RIR summarizes the nature and extent of contamination at the Site 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 in Manhattan, New York and is identified as Block 1774 and p/o Lot 30. It should be noted that the lot number was identified as Lot 48 prior to December 2014 on the New York City Tax Map. Figure 1.1.1 is a Site location map. The Site is 22,500-square feet and is bounded by East 126th Street to the north, a commercial building containing various stores and a New York State Department of Motor Vehicles (DMV) office to the south, the Salvation Army Community Center to the east, and a residential building with various stores, restaurants, and a laundromat on the first floor to the west. Currently, the Site is used for parking and is asphalt-paved. Figure 1.1.2 is a Site plan showing the current layout of the Site.

1.2 Proposed Redevelopment Plan

The proposed use of the Site will be commercial and residential. Redevelopment will include the construction of a one- to eleven-story building with a basement below ground to a total depth of 10 feet below grade (fbg). An elevator pit will also be present in the center of the building to an estimated depth of 19 fbg.

The layout of the proposed site development is presented in Figure 1.2.1. The current zoning designation is C4-4D, which permits commercial and residential use.

The redevelopment plan includes demolishing the current Site asphalt-pavement, with removal and proper offsite disposal of all demolition debris. No sub-grade demolition is anticipated or planned.

The new building footprint will be approximately 20,161 square feet for a total of approximately 260,000 square feet and will occupy the entire lot. A portion of floors 6 through 11 will extend over the commercial building on the adjoining property to the south. The basement will contain a parking garage and mechanical rooms. The first floor will contain a residential apartment lobby, commercial space, a loading dock, and maintenance rooms. The second floor will contain commercial space and maintenance rooms. The third floor will contain residential apartments, a bar, a fitness center, a lounge, several common rooms for entertainment, and maintenance rooms. The fourth floor will contain residential apartments, a communal kitchen and dining room, a fitness center, a lounge, conference rooms, and maintenance rooms. Floor five will contain residential apartments, a laundry room, and maintenance rooms. Floors 6 through 11 will contain residential apartments and maintenance rooms. The roof will be used as a terrace and will contain a pool. The building will contain 233 apartments and three elevators; the total gross area of the building will be approximately 260,000 square feet.

Redevelopment will include excavation across the entire Site to a depth of 13 fbg. Approximately 9,244 cubic yards of soil will be excavated. Depth to groundwater is present at 12 to 14 fbg.

1.3 Description of Surrounding Property

The Site is located in a neighborhood with commercial buildings, residential buildings, public facilities and institutions, and light industrial and manufacturing buildings. The properties in this area are typically zoned C4-4D, C1-4, C6-3, and C2-4. The Site is adjoined to the south by a commercial building occupied by various stores and a DMV office. The Site is adjoined to the north by residential buildings. The Site is adjoined to the west by a residential building occupied by various stores, restaurants, and a laundromat on the first floor. The Site is adjoined to the east by the Salvation Army Community Center.

2.0 SITE HISTORY

2.1 Past Uses and Ownership

The Site was developed prior to 1896 with approximately four buildings occupied by the 29th Police Precinct on the western portion of the property and approximately 13 buildings ranging in size from one to five stories on the remainder of the property. In 1911 the subject property included the police precinct building, a two-story furniture storage building, a five-story dwelling, a five story dwelling with a printing store, a five-story store building, and a theater building. Between 1951 and 1968 the theatre stopped operating. In 1965 a pharmaceutical manufacturer occupied the first floor of one of the buildings. Between 1969 and 1979 several buildings were removed from the subject property, leaving only the furniture storage building and the theatre. Between 1996 and 2001 the remaining buildings were removed from the subject property and between 2002 and 2003 the property was redeveloped with a parking lot. The property is currently owned by Gotham Plaza Associates, LLC, which has owned the property since November 14, 2000. The property was previously owned by various private and commercial entities. No industrial ownership is apparent.

2.2 Previous Investigations

The *Draft Phase I Environmental Site Assessment for the Property at 149-169 East 125th Street and 148-160 East 126th Street, New York, New York* was prepared by FPM Group dated January 1999. Pertinent information obtained from the Phase I ESA is summarized as follows:

- Elevation of the property above mean sea level ranges from 15 to 20 feet.
- Groundwater flow estimated to be from southwest to northeast beneath the Site based upon a topographic analysis.
- The Site was identified as 163-169 East 125th Street and 148-160 East 126th Street, and was referenced by the following New York City Tax Map numbers: Manhattan, Block 1774 and part of Lots 30 (163 East 125th Street) and 31 (165-169 East 125th Street), and Lots 44 (160 East 126th Street), 45 (156-158 East 126th Street), 47 (154 East 126th Street), and 49 (148 East 126th Street). The Site contained the rear portion of a four-story building formerly occupied by a theater, a vacant three-story building, a guard house, a shed, storage containers, and gravel parking areas.

- A 1,500-gallon abandoned AST was present below the floor joists of the building on Lot 47. A 2,000-gallon #4 fuel oil AST was reported to be present in the basement of the building formerly present on Lot 45. A hydraulic lift elevator (previously removed) was used in the Lot 47 building. It was not known whether the AST associated with the elevator was removed. It was recommended that it should be determined whether this AST had been removed or properly abandoned in place. It was also recommended that all of the ASTs no longer in service be removed and properly disposed.
- An open five-gallon container labeled dipropylene dimethyl ether was noted among debris inside the building on Lot 47. It was recommended that the five-gallon container and the debris inside of the building be disposed properly.
- Suspect asbestos containing materials (ACMs) were identified at the property, including roofing materials, wall and ceiling materials, ceiling tiles, vinyl floor tiles and mastic, pipe insulation, and furnace insulation. It was recommended that an asbestos survey be conducted, and if any ACMs were identified, they should be removed prior to any renovation or demolition.
- It was noted that lead-based paint could be present based upon the age of the buildings. It was recommended that a lead-based paint survey be conducted prior to demolition of the buildings.

The *Asbestos Survey Report, Block 1744, 125th Street, New York, New York* was prepared by Hygenix, Inc. (Hygenix) dated February 29, 2000. The *Asbestos Abatement Project, Project Monitor's Final Report, Gotham Plaza, 149-169 East 125th Street, Harlem, New York* was prepared by Hygenix, Inc. dated November 22, 2000 – March 17, 2001. Pertinent information obtained from these two reports is summarized as follows:

- An asbestos survey conducted by Hygenix identified various ACMs in the property buildings, including floor tiles, roofing materials, insulation board, pipe insulation, plaster debris, and sheetrock/joint compound.
- Asbestos abatement was conducted in 2000 and 2001 during the demolition of the Site buildings. Air monitoring conducted, including post-abatement clearance

samples, indicated that post-abatement criteria were met, as specified by New York City and State regulations. Visual inspection of each abated area together with post-abatement soil sampling results indicated that all of the identified ACMs and asbestos-contaminated soil had been removed from the Site.

The *Tank Decommissioning and Environmental Restoration Report* was prepared by FPM Group dated May 21, 2001. Pertinent information obtained from this report is summarized as follows:

- RND Services, Inc. (RND) was subcontracted to decommission the tanks identified at the Site during the previous Phase I ESA prior to and during the planned demolition of the property buildings. Prior to decommissioning, the tanks were registered with the NYSDEC.
- Each tank was decommissioned by accessing the tank and removing and properly disposing the contents. Each emptied tank was then cut open and cleaned of any remaining adhering petroleum. The associated piping was also accessed and disconnected from the tanks. The wastes from the cleaning process were containerized, removed from the property, and properly disposed. The decommissioned tanks and piping were left at the property to be disposed during the demolition process as scrap metal.
- After tank decommissioning was completed, RND filed Affidavits of Closure for each of the ASTs with the FDNY.
- Following the removal of all of the known tanks from the property, a geophysical survey was performed for the purpose of identifying potential buried tanks that may have remained. The survey resulted in the identification of one magnetic anomaly located on the northwest side of Lot 31. This anomaly was screened with the GPR and no subsurface voids were identified. An FPM representative excavated the anomaly and identified a 1-inch thick, 4-foot by 8-foot steel plate, which appeared to be associated with the base of a former elevator. Below the steel plate was a 1-foot thick, 5-foot by 8-foot concrete slab. No indications of a tank were noted in association with this anomaly. No geophysical anomalies were identified on the remainder of the Site.

The *Geotechnical Engineering Study for Gotham Plaza New York, New York* was prepared by Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) dated August 21, 2014. Pertinent information obtained from the Geotechnical Engineering Study is summarized as follows:

- Depth to groundwater ranges from 13 to 14 fbg at the Site.
- Depth to bedrock ranges from 32 to 50 fbg at the Site.
- The stratigraphy of the site, from the surface down, consists of 10 to 12 feet of historic fill, generally consisting of a brown to black sand with varying amounts of gravel, asphalt, brick, and construction materials, underlain by 20 to 40 feet of brown sand with varying amounts of silt and gravel, underlain by weathered bedrock.

The Phase I report was prepared by FPM Group for Rigano LLC dated October 2014. This Phase I ESA did not identify any recognized environmental conditions (RECs). Pertinent information obtained from the Phase I ESA is summarized as follows:

- The Site was identified on the PBS database. A 2,000-gallon steel #2 fuel oil tank was removed from the site in March 2001; no spills were identified in association with this tank. A previous investigation report identified a 1,500-gallon fuel oil AST located in the basement of a former building, as well as a former hydraulic lift elevator that was previously removed from a former building. The tank was decommissioned and removed in 2001 in association with the demolition of the property buildings. A geophysical survey was performed following the demolition of the property buildings, and the survey did not identify any remaining tanks at the Site. No evidence of any ASTs/USTs was observed at the Site during the inspection.
- The Site was identified on the RCRA NLR database. Con Edison service box #20848 (EPA ID #NYP004298006) was identified as a conditionally-exempt small-quantity generator of unspecified hazardous waste in April 2013. No RCRA violations or enforcement actions were noted and the location was a non-generator at the time the report was prepared.

- The property is presently e-designated as E-201 for air quality (#2 fuel oil or natural gas heat and hot water), exhaust stack location limitations, underground gasoline storage tanks testing protocol, and window wall attenuation & alternate ventilation.

2.3 Site Inspection

A Site inspection was performed on August 14, 2014 by FPM Group. The current layout of the Site is shown in Figure 1.1.2. No areas of concern were noted during the inspection.

2.4 Areas of Concern

Although no AOCs were identified for the Site, the Site was identified as e-designated and a RI was required. A Phase II Investigation Work Plan was developed in accordance with the requirements of the OER and Department of Planning's Special 125th Street Rezoning. The Phase II Investigation Work Plan included provisions for assessing the potential presence and nature of historic fill, and assessing soil vapor and groundwater quality. Phase 1 Report is presented in Appendix A.

3.0 PROJECT MANAGEMENT

3.1 Project Organization

The Qualified Environmental Profession (QEP) responsible for preparation of this RIR is Ben T. Cancemi, CPG.

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. A site-specific HASP was prepared and is included in Appendix 2 to address potential hazards, contaminants of concern based on past use, and safety requirements associated with investigation activities

3.3 Materials Management

All material encountered during the RI was managed in accordance with applicable laws and regulations. Cuttings were disposed at the Site within the boreholes that generated them to within 24 inches of the surface. The remainder of the boreholes was sealed by filling with bentonite chips and hydrating the chips. Disposable sampling equipment including spoons, gloves, bags, paper towels, etc. that contacted environmental media were double-bagged and disposed as municipal solid waste as non-hazardous trash.

4.0 REMEDIAL INVESTIGATION ACTIVITIES

The following scope of work was performed as part of the RI:

- Conducted a Site inspection to identify AOCs and physical obstructions (i.e. structures, buildings, etc.);
- Conducted a geophysical survey of the Site to investigate for the existence of potential USTs and other subsurface infrastructure;
- Installed 10 soil borings across the entire project Site, and collected 20 soil samples for chemical analysis from the soil borings to evaluate soil quality;
- Installed four groundwater monitoring wells throughout the Site to establish groundwater flow and collected four groundwater samples for chemical analysis to evaluate groundwater quality;
- Installed six soil vapor probes around Site perimeter and collected six samples for chemical analysis.

4.1 Geophysical Investigation

The geophysical survey was performed on January 31, 2015 prior to conducting investigative borings. The survey was overseen by an FPM geologist/civil engineer under the direction of the QEP, who received a verbal report of the findings. The geophysical survey used ground-penetrating radar (GPR) and magnetic detection equipment across the entire Site. See Figure 4.1.1 for the geophysical survey area. The geophysical survey did not identify any anomalies suggestive of USTs or other subsurface infrastructure.

4.2 Borings and Monitoring Wells

Drilling and Soil Logging

A qualified environmental driller advanced 10 investigative borings (SB-1 through SB-10) at the locations shown on Figure 4.1.1. The soil boring work was performed on January 31, 2015 and was overseen by a geologist. The geologist, under the direction of a QEP was present to supervise the sampling work, screen the soil samples for environmental impacts, log the screening results, and collect environmental samples for laboratory analysis.

The investigative borings were advanced to 15 feet below grade, which is below the development depth, using a direct-push drill rig. Construction information for the soil borings is included in Table 4.2.1. Soils were collected continuously to the boring termination depth using a Geoprobe dual-tube sampler with disposable acetate sleeves advanced in five-foot increments. Each sample was screened for organic vapors with a calibrated photoionization detector (PID) and evaluated for visual and olfactory indications of potential environmental impacts. Boring logs were prepared and are included in Appendix 3.

The soil generally consisted of historic fill composed of a brown medium to fine-grained sand with angular gravel and containing pieces of brick, asphalt, concrete, and glass. No PID responses, odors, or staining were noted in the borings.

Table 4.2.1: Construction Details for Soil Borings and Monitoring Wells

	Identification Number	Date of construction	Total Depth (feet)	Diameter (inches)	Top of casing relative elevation	Screened interval (Elevation Range)	Construction Material (PVC, steel, etc)
Soil Borings	SB-1 through SB-10	1/31/2015	15	2	NA	NA	NA
Monitoring Wells	MW-1	1/31/2015	18	1	20.00	0.00 - 10.00	PVC
	MW-2				20.98	0.98 - 10.98	
	MW-3				19.50	-0.50 – 9.50	
	MW-4				20.56	0.56 – 10.56	

Groundwater Monitoring Well Construction

Four temporary groundwater monitoring wells were installed on January 31, 2015 by inserting one-inch diameter PVC casing and 0.02-inch machine slotted screen an estimated five feet into the groundwater via the open boreholes. Monitoring well locations are shown in Figure 4.1.1. Construction information for the monitoring wells is included in Table 4.2.1. Groundwater was encountered at approximately 13 feet below grade and the wells were screened from 8 to 18 feet below grade. The annuli were backfilled with Morie #1 well gravel from approximately one foot below to approximately one foot above each screen. The sand pack above each screen was sealed with an overlying two-foot bentonite seal, and the balance of each annulus in the vadose zone was backfilled with sand to near grade. The top of each well was

capped with an expansion-fit locking well cap. The wells were then developed to allow for proper communication between the wells and shallow groundwater. The wells were then surveyed to a common datum to determine the groundwater flow direction.

Survey

The locations of the soil borings and monitoring wells were identified by measuring the locations to the nearest foot relative to fixed Site features, including the Site boundaries and walls. The locations were then plotted on a scaled Site plan, as shown in Figure 4.1.1.

The relative elevation of the top of each well casing was determined by surveying the top of each casing to the nearest 0.01 foot relative to a fixed reference datum at the Site. The top of the MW-1 well casing was selected as the fixed reference datum and the reference elevation was assumed to be 20.00 feet. All of the other well casings were surveyed relative to this reference datum. These relative elevations were integrated with the measured depths to groundwater to determine the relative elevation of the water table surface, as discussed below

Water Level Measurement

The groundwater level in each well was measured to the nearest 0.01 foot using a decontaminated groundwater interface probe. The depth to water was measured from the top of each well casing and the measurements were integrated with the top of casing relative elevations to determine the relative elevation of the water table surface at each well. Groundwater level data are included in Table 4.2.2. No non-aqueous-phase liquids were noted in any of the wells.

Table 4.2.2: Groundwater Level Data

Monitoring Well ID No.	Date	Groundwater Relative Elevation
MW-1	2/10/2015	6.23
MW-2		6.30
MW-3		7.42
MW-4		8.21

4.3 Sample Collection and Chemical Analysis

Sampling performed as part of the field investigation was conducted based on professional judgment, area history, discolored soil, 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

Two soil samples were collected from each borehole, including one sample from the zero to two-foot interval and a deeper sample from the 11 to 13-foot interval, which is directly above groundwater. Samples were not composite samples but were discrete grab samples. Twenty soil samples were collected for chemical analysis during this RI. Disposable sampling equipment, including acetate sleeves and latex gloves, were used to minimize cross-contamination between samples. Data on soil sample collection for chemical analyses, including dates of collection and sample depths, is reported in Table 4.3.1. Figure 4.1.1 shows the location of samples collected in this investigation.

The samples retained for analysis were placed into laboratory-supplied sample containers, sealed, labeled, and placed in coolers with ice to depress the sample temperature. A chain of custody form was completed and kept with the coolers and shipping containers to document the sequence of sample possession.

Field-collected QA/QC samples included a blind duplicate sample to evaluate field sampling precision or reproducibility of measurements of the same parameter under the given set of conditions, and a trip blank (TB) sample to ensure that outside contamination of the samples for volatile organic compound (VOC) analysis did not occur. In addition, the laboratory utilized internal QA/QC procedures and samples (including laboratory control samples or LCSs, method blanks or MBs, surrogates, and MS/MSDs) to confirm that the laboratory data are of sufficient accuracy and precision.

The soil samples were submitted for analysis to TestAmerica Laboratories, Inc. (TA), a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory. All soil samples were analyzed for VOCs by EPA Method 8260C, semivolatile organic compounds (SVOCs) by EPA Method 8270D, pesticides and PCBs by EPA Method 8081B/8082A, and Target Analyte List (TAL) metals by EPA Method 6010C and EPA Method 7473 (mercury).

Groundwater Sampling

The monitoring wells were sampled by an environmental professional using low-flow sampling techniques on February 10, 2015. Sampling was conducted in accordance with NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation (May 2010) and Sampling Guidelines and Protocols, dated March 1991. One representative groundwater sample was collected from each of the four wells using a decontaminated peristaltic pump and dedicated polyethylene tubing. Disposable sampling equipment, including latex gloves and sample tubing, were used to minimize cross-contamination between samples and the peristaltic pump was decontaminated between wells. Sampling logs with information on purging and sampling of groundwater monitoring wells are included in Appendix 3. Figure 4.1.1 shows the location of groundwater monitoring wells.

The samples retained for analysis were placed into laboratory-supplied sample containers, sealed, labeled, and placed in coolers with ice to depress the sample temperature. A chain of custody form was completed and kept with the coolers and shipping containers to document the sequence of sample possession.

Field-collected QA/QC samples included a blind duplicate sample and a TB sample. In addition, the laboratory utilized internal QA/QC procedures and samples, including LCSs, MBs, surrogates, and MS/MSDs.

The groundwater samples were submitted for analysis to TA, a NYSDOH ELAP-certified laboratory. The groundwater samples were analyzed for VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, pesticides and PCBs by EPA Method 8081B/8082A, and dissolved and total TAL metals by EPA Method 6010C and EPA Method 7473 (mercury). Groundwater sample collection data are reported in Table 4.3.2.

Soil Vapor Sampling

Soil vapor samples were collected from implants which were installed with direct-push sampling equipment to depth of approximately 10 to 11 feet below grade. The annulus around each implant was backfilled with fine glass beads. A bentonite seal was placed from just above the implant to the surface to seal the vapor implant from the surrounding atmosphere. Each implant was purged prior to sampling at a rate of less than 0.2 L/min. Six soil vapor implants were installed and six soil vapor samples were collected for chemical analysis during this RI. Soil vapor sampling locations are shown in Figure 4.1.1. Soil vapor sample collection data are reported in Table 4.3.3. Methodologies used for soil vapor assessment conform to the *NYS DOH Final Guidance on Soil Vapor Intrusion, October 2006*.

Soil vapor samples were collected in one-liter Summa canisters that were certified clean by the laboratory. The flow rate for sampling did not exceed 0.2 L/min. Sampling occurred for approximately eight hours, since the Site is currently used as an active parking lot. A sample log sheet was maintained summarizing the sample identification, date and time of sample collection, sampling depth, identity of samplers, sampling methods and devices, soil vapor purge volumes, volume of the soil vapor extracted, vacuum of canisters before and after the samples were collected, and chain of custody protocols. The soil vapor sampling logs are included in Appendix 3. A chain of custody form was completed and kept with the shipping containers to document the sequence of sample possession. Disposable sampling equipment, including latex gloves and sample tubing, were used to minimize cross-contamination between samples.

Field-collected QA/QC samples included a TB sample to confirm that cross-contamination of the samples did not occur. In addition, the laboratory utilized internal QA/QC procedures and samples (including LCSs, MBs, and surrogates) to confirm that the laboratory data are of sufficient accuracy and precision. The samples were submitted to Centek Laboratories, LLC (Centek), a NYSDOH ELAP-certified laboratory, for analysis of VOCs using the TO-15 Method.

As part of the vapor intrusion evaluation, a tracer gas was used in accordance with NYSDOH protocols to verify the integrity of the soil vapor probe seals. Helium was used as the tracer gas and a sealed enclosure was used to keep the helium in contact with the probe during testing. A portable monitoring device was used to analyze a sample of the soil vapor for helium prior to

sampling. Tracer monitoring was performed a second time to confirm the integrity of the probe seals at the conclusion of the sampling round. The helium tracer testing results confirmed the integrity of the vapor implant seal at each of the vapor sampling locations.

Chemical Analysis

Laboratory data for soil, groundwater and soil vapor are summarized in Tables 4.3.1 through 4.3.3, respectively. Laboratory data deliverables for all samples evaluated in this RI report are provided in digital form in Appendices 4 through 6:

Factor	Description
Quality Assurance Officer	The chemical analytical quality assurance for this RI was overseen by Ben T. Cancemi , CPG
Chemical Analytical Laboratory	Chemical analytical laboratories used in the RI NYS ELAP certified and were: • TestAmerica Laboratories, Inc. (soil and groundwater) • Centek Laboratories, LLC (soil vapor)
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.

4.4 Analytical Quality Assurance/Quality Control

Quality assurance/Quality control (QA/QC) samples were collected during the sampling process to assess the accuracy and precision of the resulting analytical data. QA/QC samples were collected in accordance with the Phase II ESI Work Plan and included one duplicate sample and one trip blank sample for the soil and groundwater sample delivery groups and one trip blank sample for the soil vapor sample delivery group.

The duplicate samples were collected at the same time and the same manner as the primary environmental samples and were managed and tested together with the primary environmental samples. The results of the duplicate sample analyses are shown on Tables 4.3.1 through 4.3.2 next to the associated primary environmental samples. The data from the duplicate samples are nearly identical to the data for the associated primary environmental samples, indicating a high degree of analytical precision. The duplicate sample results do not suggest any concerns for sample quality.

The trip blank (TB) samples consisted of aliquots of laboratory-supplied water that were transmitted with the sample coolers and were managed and analyzed for VOCs together with the primary environmental samples. The TB samples associated with the soil, groundwater, and soil vapor samples did not exhibit any VOC detections. These TB sample results do not suggest any concerns for VOC cross-contamination between the samples.

The laboratory also performed QA/QC sample analyses, including analyses of method blanks (MBs), laboratory control samples (LCSs), and matrix spike/matrix spike duplicates (MS/MSDs). The results of the laboratory QA/QC samples are summarized as follows:

- The MB samples did not show any detections, with the exceptions of low concentrations of up to two VOCs in the MBs associated with the soil samples. Acetone and methylene chloride were noted in several of the primary environmental soil samples and were flagged with a B qualifier. The detection of acetone in the SB-7 11 to 13-foot interval sample was slightly above the Track 1 SCO. None of the other detections of acetone or methylene chloride in the primary environmental soil samples exceeded their respective Track 1 SCOs and, therefore, these detections do not present a concern.

- The LCS percent recoveries (%Rs) and relative percent differences (RPDs) were within limits, with the exception of %Rs outside of criteria for several VOCs and SVOCs in the LCSs and/or LCSDs for the soils and groundwater. Several of the SVOCs were also detected in the primary soil and groundwater samples that exceeded the Track 2 SCOs and Standards, respectively, and therefore, it is possible that the data is biased slightly high.
- The MS/MDS %Rs and RPDs were within criteria, with the exception of %Rs and/or RPDs outside of criteria for several VOCs, SVOCs, metals, pesticides, and PCBs in the MS and/or MSDs for select soil and/or groundwater samples. Several of the SVOCs and metals were also detected in the primary soil and groundwater samples that exceeded the Track 2 SCOs and Standards, respectively, and therefore, it is possible that the data are affected by matrix related effects.

Based on the results from the laboratory QA/QC samples, there does not appear to have been any significant bias introduced by either interfering compounds in the sample matrix or by laboratory techniques that could have introduced systematic or random errors in the analytical process. The data appear to be of adequate quality for their intended use.

5.0 ENVIRONMENTAL EVALUATION

5.1 Geological and Hydrogeological Conditions

Stratigraphy

The stratigraphy was generally consistent across the Site. The soil generally consisted of historic fill composed of a brown medium to fine-grained sand with angular gravel and contained pieces of brick, asphalt, concrete, and glass. No PID responses, odors, or staining were noted in the borings. Groundwater was encountered at approximately 13 feet below grade. No confining units were encountered.

Bedrock was not encountered during the RI. Bedrock is present at an elevation of approximately 32 to 50 fbg based upon the results of a prior geotechnical investigation conducted at the Site.

Hydrogeology

A table of water level data for all monitoring wells is included in Table 4.2.2. The average depth to groundwater is approximately 13.22 fbg and the range in depth is approximately 12.08 to 14.68 fbg. A map of groundwater relative elevations with groundwater contours and inferred flow lines is shown in Figure 5.1.1. Groundwater flow is from north to south and is generally consistent with the regional groundwater flow direction inferred from the local topography.

5.2 Soil Chemistry

Data collected during the RI is sufficient to delineate the vertical and horizontal distribution of contaminants in fill at the Site. A summary table of data for chemical analyses performed on soil samples is included in Table 4.3.1. Figure 5.2.1 shows the location and posts the values for fill that exceed the 6NYCRR Part 375-6.8 Track 2 Soil Cleanup Objectives (Track 2 SCOs). Observations regarding each of the contaminant classes observed in the fill are as follows:

- Low levels of VOCs were detected in some of the samples, but none of the detections exceeds the 6NYCRR Part 375-6.8 Track 1 Soil Cleanup Objectives (Track 1 SCOs), with the exception of acetone (78 B ug/kg) in the deep sample from boring SB-7. The detection was B-qualified, indicating it was also detected in the MB sample and, therefore, does not present a concern. Low concentrations of tetrachloroethene (PCE) (maximum 24 ug/kg), below the Track 1 SCOs, was detected in 16 of 20 soil samples collected. Trichloroethene (TCE) (0.52 J ug/kg), below the Track 1 SCOs, was detected

in the deep soil sample from boring SB-7. Carbon tetrachloride (CT) or 1,1,1-trichloroethane (TCA) was not detected in any of the soil samples collected on the Site.

- SVOCs exceeded the Track 2 SCOs in 6 of the 20 soil samples collected, with concentrations of benzo(a)anthracene (maximum 3,400 ug/kg), benzo(a)pyrene (maximum 3,200 ug/kg), benzo(b)fluoranthene (maximum 3,700 ug/kg), dibenzo(a,h)anthracene (maximum 800 ug/kg), and/or indeno(1,2,3-cd)pyrene (maximum 3,500 ug/kg) exceeding the Track 2 SCOs. Chrysene exceeded the Track 1 SCOs but did not exceed the Track 2 SCOs in 5 of the 20 soil samples collected.
- Metals exceeded the Track 2 SCOs in 2 of the 20 soil samples collected, with concentrations of barium (621 mg/kg) and lead (maximum 1,230 mg/kg) exceeding the Track 2 SCOs. Lead, zinc, and/or mercury exceeded the Track 1 SCOs but did not exceed the Track 2 SCOs in 11 of the 20 soil samples collected.
- Low levels of pesticides were detected in several of the soil samples collected, but the concentrations did not exceed the Track 2 SCOs. 4,4'-DDD, 4,4'-DDE, and/or 4,4'DDT exceeded the Track 1 SCOs but did not exceed the Track 2 SCOs in 9 of the 20 soil samples collected.
- PCBs were not detected in any of the soil samples.

The SVOC and metal exceedances are generally minor and are not suggestive of an onsite source. This observation is consistent with the visual, olfactory, and PID observations of the soil borings, none of which suggested an onsite source.

5.3 Groundwater Chemistry

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 Table 4.3.2. Figure 5.3.1 shows the location and posts the values for groundwater that exceed the New York State 6NYCRR Part 703.5 Class GA groundwater standards (Standards). Observations regarding each of the contaminant classes observed in the groundwater are as follows:

- VOCs exceeded the Standards in three of the four groundwater samples collected, MW-2 through MW-4, with concentrations of cis-1,2-dichloroethene (6.3 ug/l), PCE (maximum

660 ug/l), and/or TCE (19 ug/l). TCA and carbon tetrachloride were not detected in any groundwater samples collected on the Site.

- Benzo(a)pyrene (maximum 0.42 J ug/l) and/or hexachlorobenzene (0.42 J ug/l) were the only SVOCs that exceeded Standards in two of the four samples, MW-3 and MW-4. These detections were at very low estimated concentrations.
- Iron, lead, magnesium, manganese, and/or sodium were the only metals that exceeded Standards in all four of the groundwater samples collected. Magnesium, manganese, and sodium exceedances were noted for both the unfiltered and dissolved-phase samples. The iron and lead exceedances were only noted in the unfiltered samples.
- PCBs and pesticides were not detected in any of the groundwater samples.

The distributions of VOC exceedances are not indicative of an onsite source. The highest detection occurred in wells MW-4 in proximity to the northwestern corner of the Site. Therefore, based on the distribution, lack of VOC detections in the soil boring samples, and the groundwater flow direction (south-southeast), it appears that the contaminants migrated onsite from an offsite source. The SVOC detections were found in wells MW-3 and MW-4 along the northern boundary of the Site and their distribution is not indicative of an onsite source. The metal detections were generally evenly spaced across the Site and their distribution does not suggest an onsite source. These detections do not present a particular concern as iron, magnesium, and manganese are often elevated in Long Island groundwater and sodium is often elevated due to recharge of stormwater runoff containing road deicing materials. The iron and lead detections only exceeded Standards in the unfiltered samples, suggesting that the elevated concentrations were due to suspended sediment in the groundwater. Groundwater use is not contemplated at this Site.

5.4 Soil Vapor Chemistry

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 4.3.3. Figure 5.4.1 shows the location and posts the values for soil vapor samples with detected concentrations.

Several VOCs were detected in the soil vapor samples. The classes of VOCs detected include petroleum-related compounds (benzene, ethylbenzene, etc.), non-chlorinated solvents

(acetone, ethyl acetate, etc.), refrigerants (Freon 11 and Freon 12), and chlorinated solvents (PCE, TCE, etc.). The constituents detected are typical of those found in soil vapor in urbanized areas.

In accordance with NYSDOH protocol, the soil vapor sample results are compared to Matrix 1 and Matrix 2 of the October 2006 NYSDOH Soil Vapor Intrusion (SVI) Guidance document. Four VOCs for which the NYSDOH provides guidance, cis-1,2-dichloroethene (1.3ug/m^3), PCE (maximum 36 ug/m^3), TCA (maximum 3.4 ug/m^3), and/or TCE (maximum 10 ug/m^3) were detected in four of the six soil vapor samples. Cis-1,2-dichloroethene, PCE, and TCA were found at low levels for which the NYSDOH would require either no further action or reasonable and practical actions to be undertaken to identify sources and reduce exposures (depending on the associated indoor air concentration of cis-1,2-dichloroethene, PCE, and TCA). TCE was found at a level for which the NYSDOH would require no further action, monitoring, or mitigation (depending on the associated indoor air concentration of TCE). CT was not detected in soil vapor samples collected on the Site.

Based upon the soil vapor sampling results there are no conditions suggestive of an onsite source of VOCs. The soil vapor results are consistent with the soil and groundwater sampling results for the Site.

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

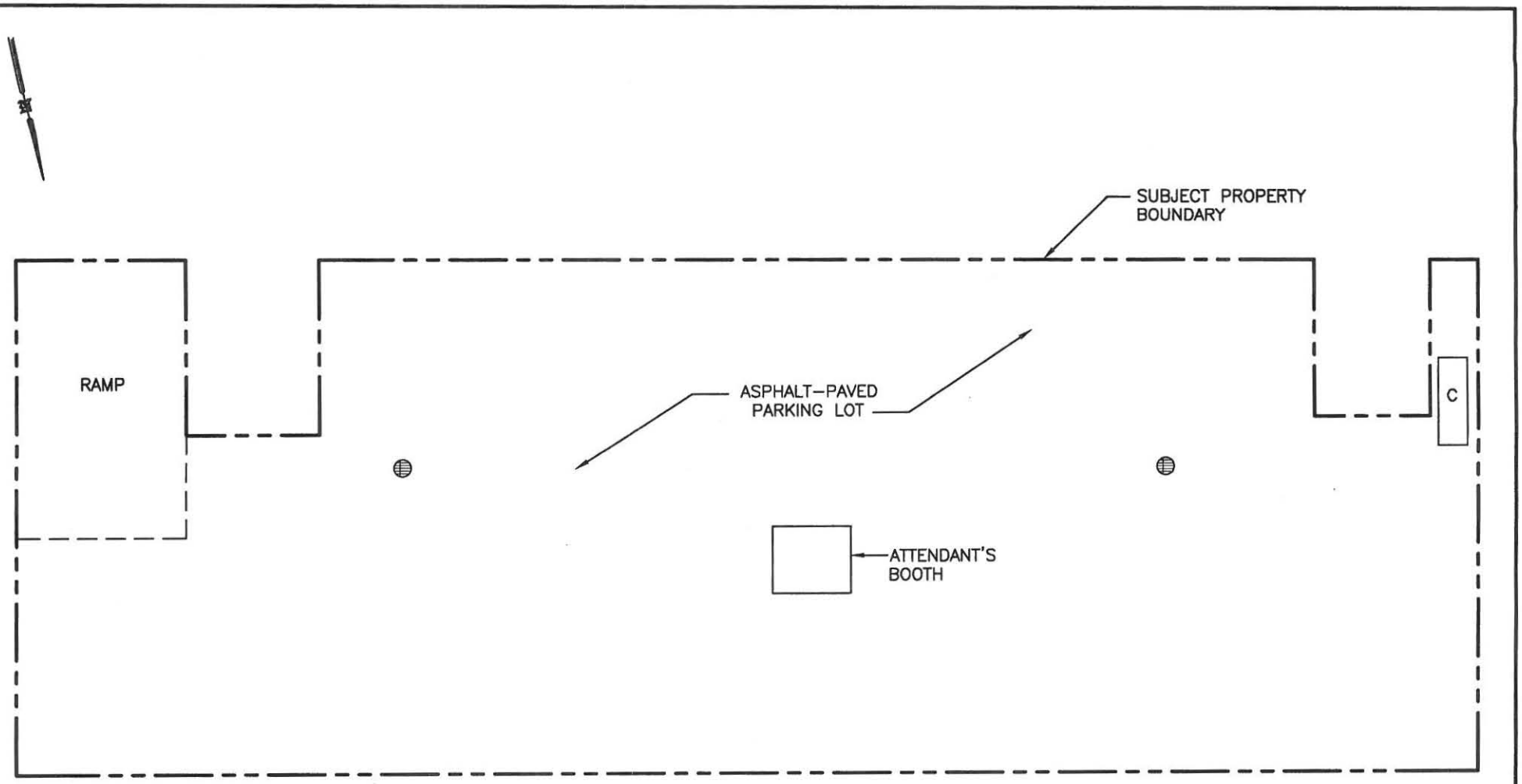
There are no known impediments to remedial action at this property.

FIGURES

NORTH

Source: US Geological Survey 7.5-Minute
Central Park, NY-NJ Quadrangle

FPM GROUP		
FIGURE 1.1.1 SITE LOCATION MAP EAST 126th STREET NEW YORK, NEW YORK		
Drawn by: GH	Checked By: GH	Date: 10/21/2014



NOT TO SCALE

LEGEND:

- STORMWATER CATCH BASIN
- C COMPACTER

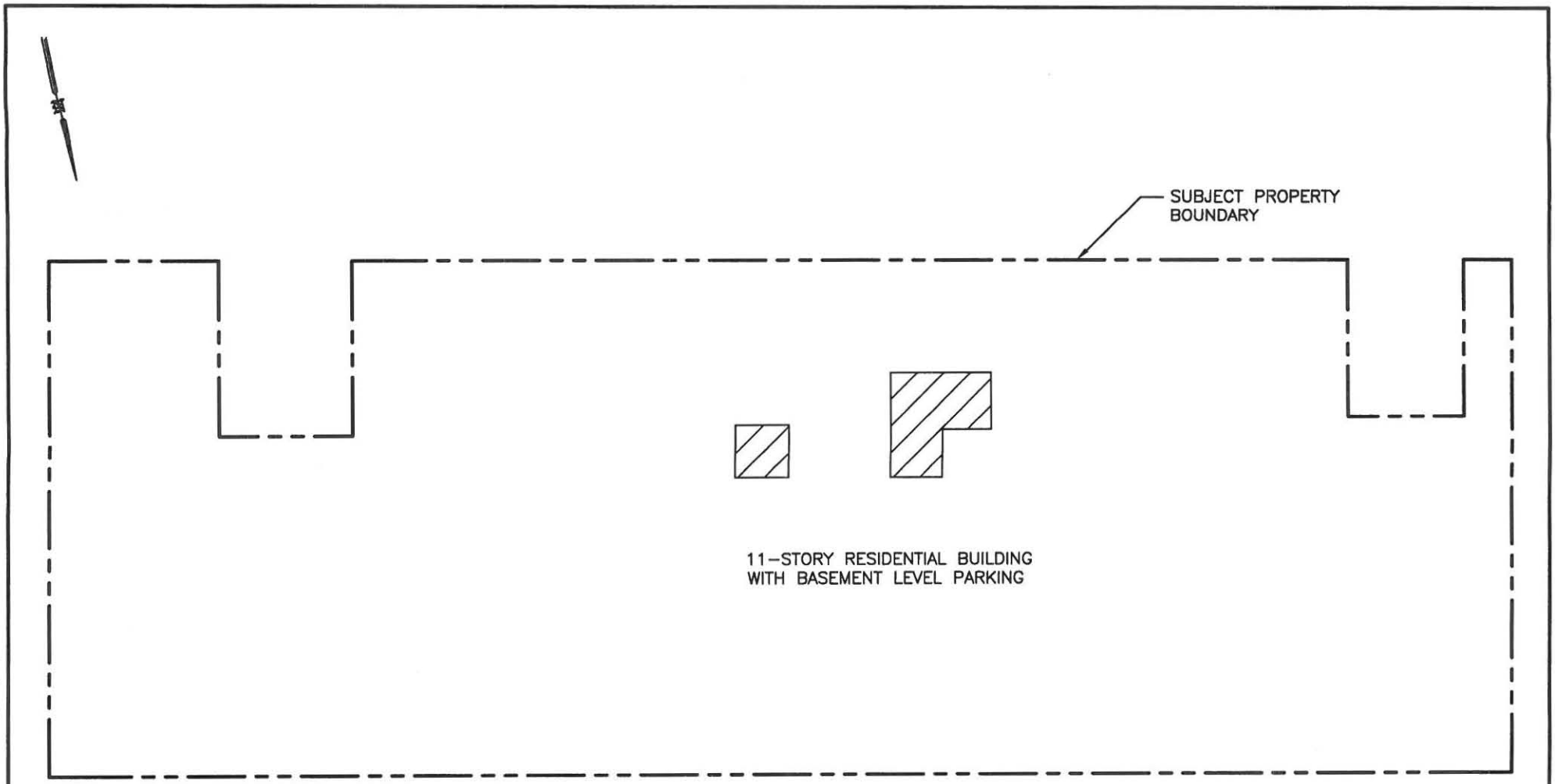
FPM GROUP

FIGURE 1.1.2
SITE PLAN

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C.	Checked By: G.H.	Date: 10/22/14

H:\BDG\126th ST\FIG 1.1.2.dwg, 3/3/2015 12:37:31 PM, Letter



NOT TO SCALE

LEGEND:

PROPOSED ELEVATOR PIT

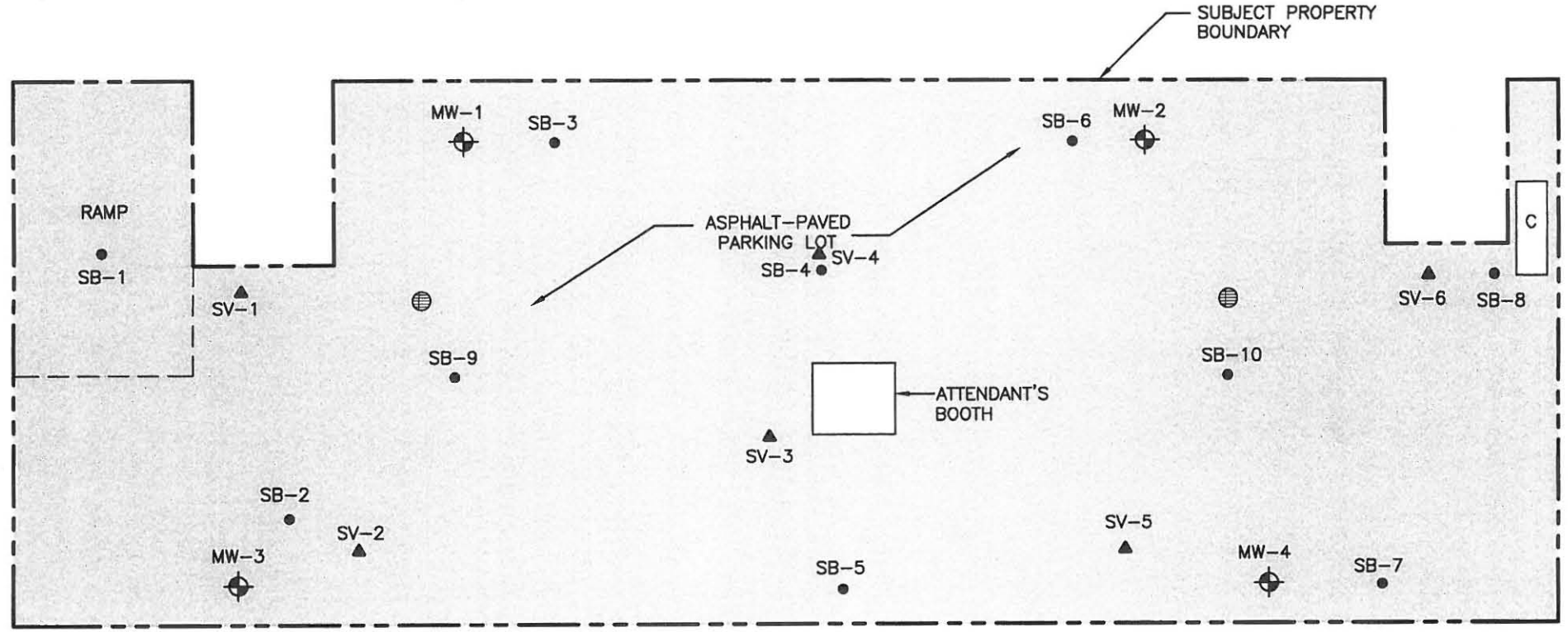
FPM GROUP

FIGURE 1.2.1
FUTURE DEVELOPMENT PLANPLAN

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C.	Checked By: B.C.	Date: 11/24/14

H:\BDG\126th ST\FUTURE DEVELOPMENT PLAN.dwg, 3/3/2015 12:38:51 PM, Letter



LEGEND:

- STORMWATER CATCH BASIN
- C — COMPACTER
- MW-1 — GROUNDWATER MONITORING WELL
- SB-1 — SOIL BORING SAMPLE LOCATION
- SV-1 — SOIL VAPOR SAMPLE LOCATION
- GEOPHYSICAL SURVEY AREA

NOT TO SCALE

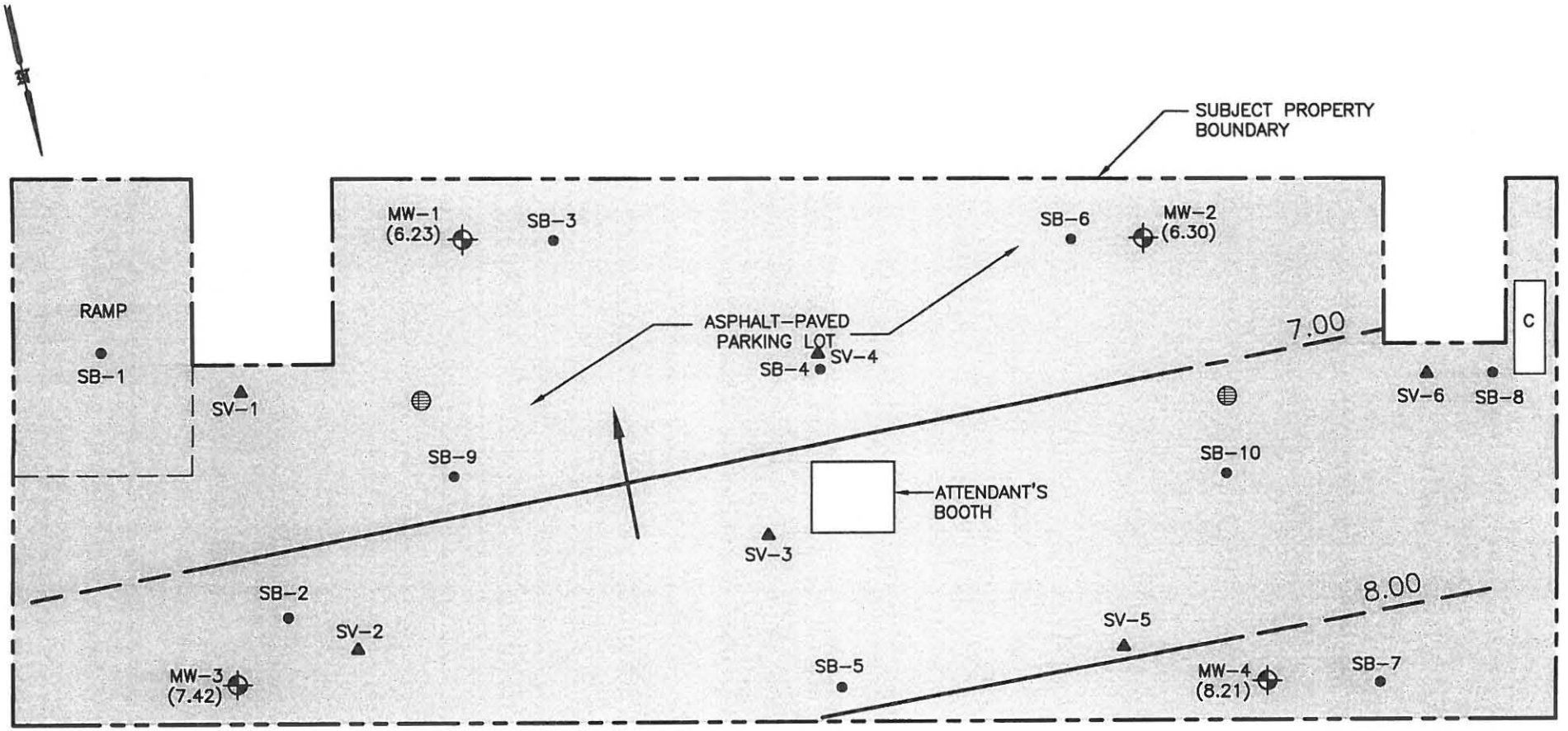
FPM GROUP

FIGURE 4.1.1
SAMPLE LOCATIONS

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C.	Checked By: G.H.	Date: 3/2/15

H:\BDG\126th ST\OER PHASE II\SAMPLE LOCATIONS.dwg, 3/3/2015 12:39:50 PM, Letter



NOT TO SCALE

LEGEND:

- STORMWATER CATCH BASIN
- C — COMPACTER
- MW-1 (6.23) — GROUNDWATER MONITORING WELL WITH GROUNDWATER RELATIVE ELEVATION (IN FEET)
- SB-1 — SOIL BORING SAMPLE LOCATION
- SV-1 — SOIL VAPOR SAMPLE LOCATION
- GEOPHYSICAL SURVEY AREA
- 8.00 — GROUNDWATER RELATIVE ELEVATION CONTOURS (DASHED WHERE INTERPRETED)
- GROUNDWATER FLOW DIRECTION

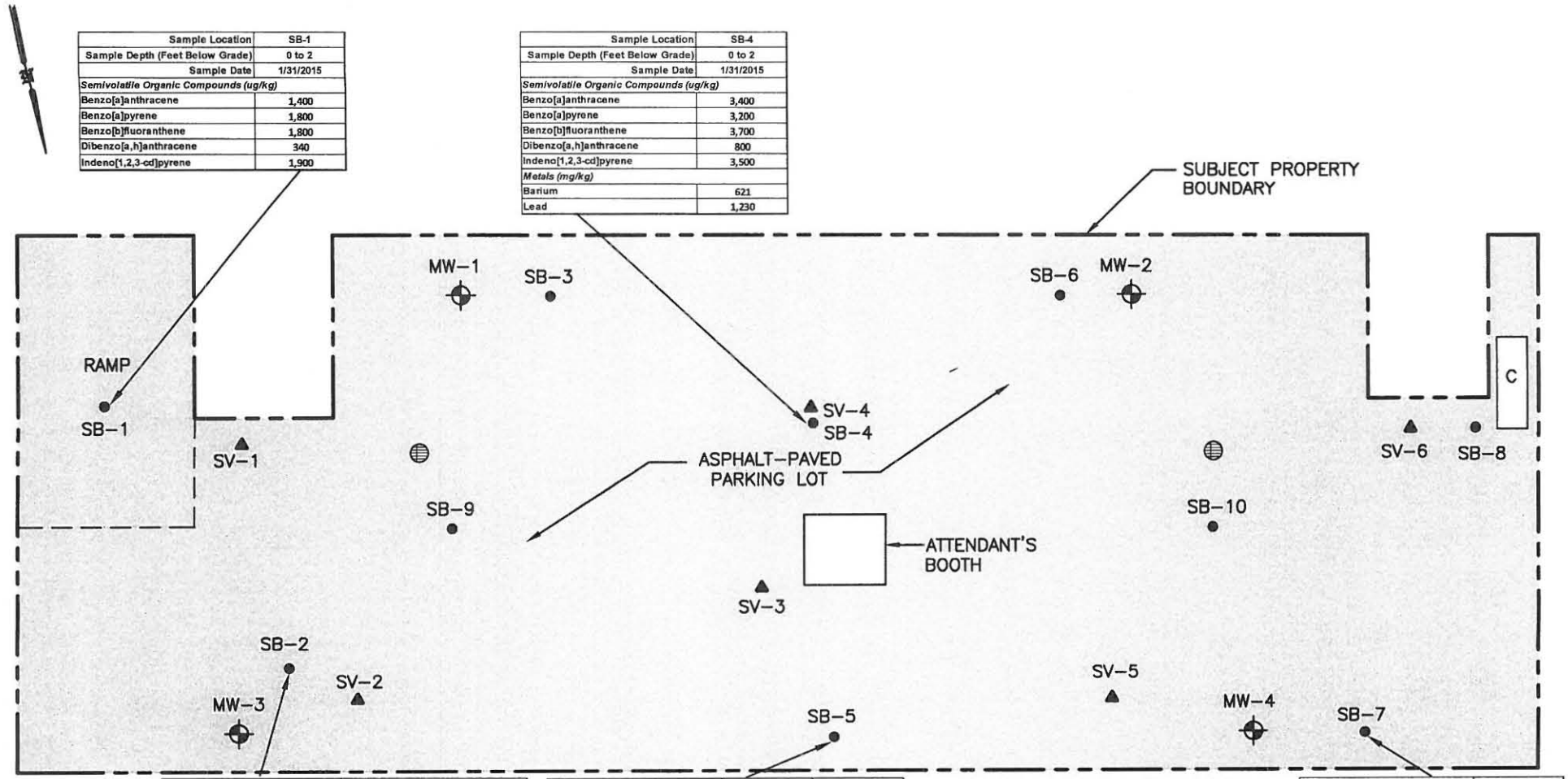
FPM GROUP

FIGURE 5.1.1
GROUNDWATER FLOW MAP

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C.	Checked By: G.H.	Date: 3/2/15

H:\BDG\126th ST\OER PHASE II\GW FLOW MAP.dwg, 3/4/2015 10:01:03 AM, Letter



Sample Location	SB-1
Sample Depth (Feet Below Grade)	0 to 2
Sample Date	1/31/2015
Semivolatile Organic Compounds (ug/kg)	
Benzo[a]anthracene	1,400
Benzo[a]pyrene	1,800
Benzo[b]fluoranthene	1,800
Dibenzo[a,h]anthracene	340
Indeno[1,2,3-cd]pyrene	1,900

Sample Location	SB-4
Sample Depth (Feet Below Grade)	0 to 2
Sample Date	1/31/2015
Semivolatile Organic Compounds (ug/kg)	
Benzo[a]anthracene	3,400
Benzo[a]pyrene	3,200
Benzo[b]fluoranthene	3,700
Dibenzo[a,h]anthracene	800
Indeno[1,2,3-cd]pyrene	3,500
Metals (mg/kg)	
Barium	621
Lead	1,230

Sample Location	SB-2	
Sample Depth (Feet Below Grade)	0 to 2	11-13
Sample Date	1/31/2015	1/31/2015
Semivolatile Organic Compounds (ug/kg)		
Benzo[a]anthracene	1,500	1,100
Benzo[a]pyrene	1,400	1,100
Benzo[b]fluoranthene	1,800	1,300
Dibenzo[a,h]anthracene	360	
Indeno[1,2,3-cd]pyrene	1,800	1,200

Sample Location	SB-5	SB-5
Sample Depth (Feet Below Grade)	0 to 2	11 to 13
Sample Date	1/31/2015	1/31/2015
Semivolatile Organic Compounds (ug/kg)		
Benzo[a]anthracene	1,500	
Benzo[a]pyrene	1,500	
Benzo[b]fluoranthene	1,800	
Dibenzo[a,h]anthracene	340	
Indeno[1,2,3-cd]pyrene	1,600	
Metals (mg/kg)		
Lead		521

Sample Location	SB-7
Sample Depth (Feet Below Grade)	11 to 13
Sample Date	1/31/2015
Semivolatile Organic Compounds (ug/kg)	
Indeno[1,2,3-cd]pyrene	540

LEGEND:

- STORMWATER CATCH BASIN
- C — COMPACTER
- MW-1 — GROUNDWATER MONITORING WELL
- SB-1 — SOIL BORING SAMPLE LOCATION
- SV-1 — SOIL VAPOR SAMPLE LOCATION
- GEOPHYSICAL SURVEY AREA

NOT TO SCALE

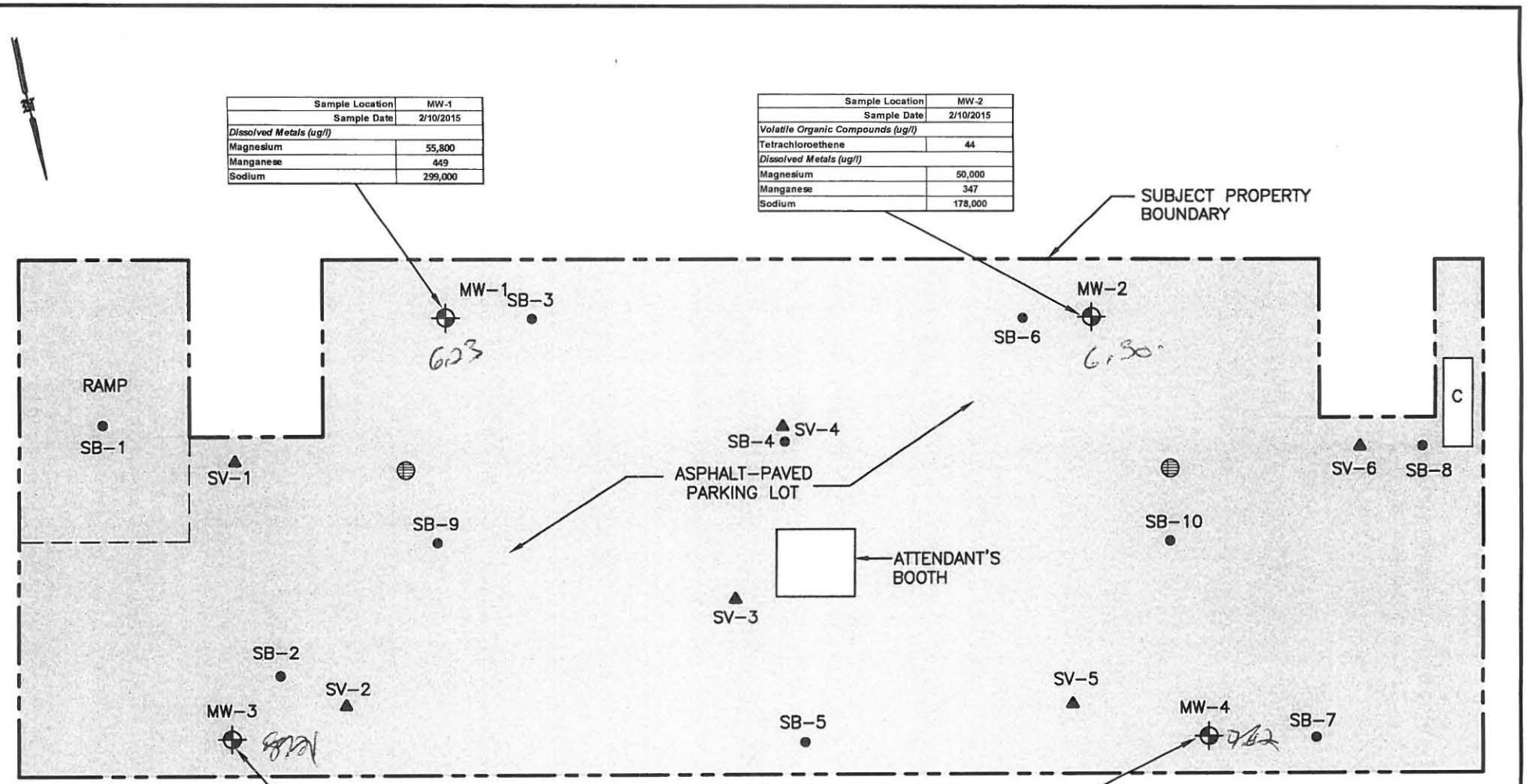
FPM GROUP

FIGURE 5.2.1
SAMPLE LOCATIONS WITH SOIL DATA

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C. | Checked By: G.H. | Date: 3/2/15

H:\BDG\126th ST\OER PHASE II\SOIL DATA.dwg, 3/3/2015 1:50:45 PM, Letter



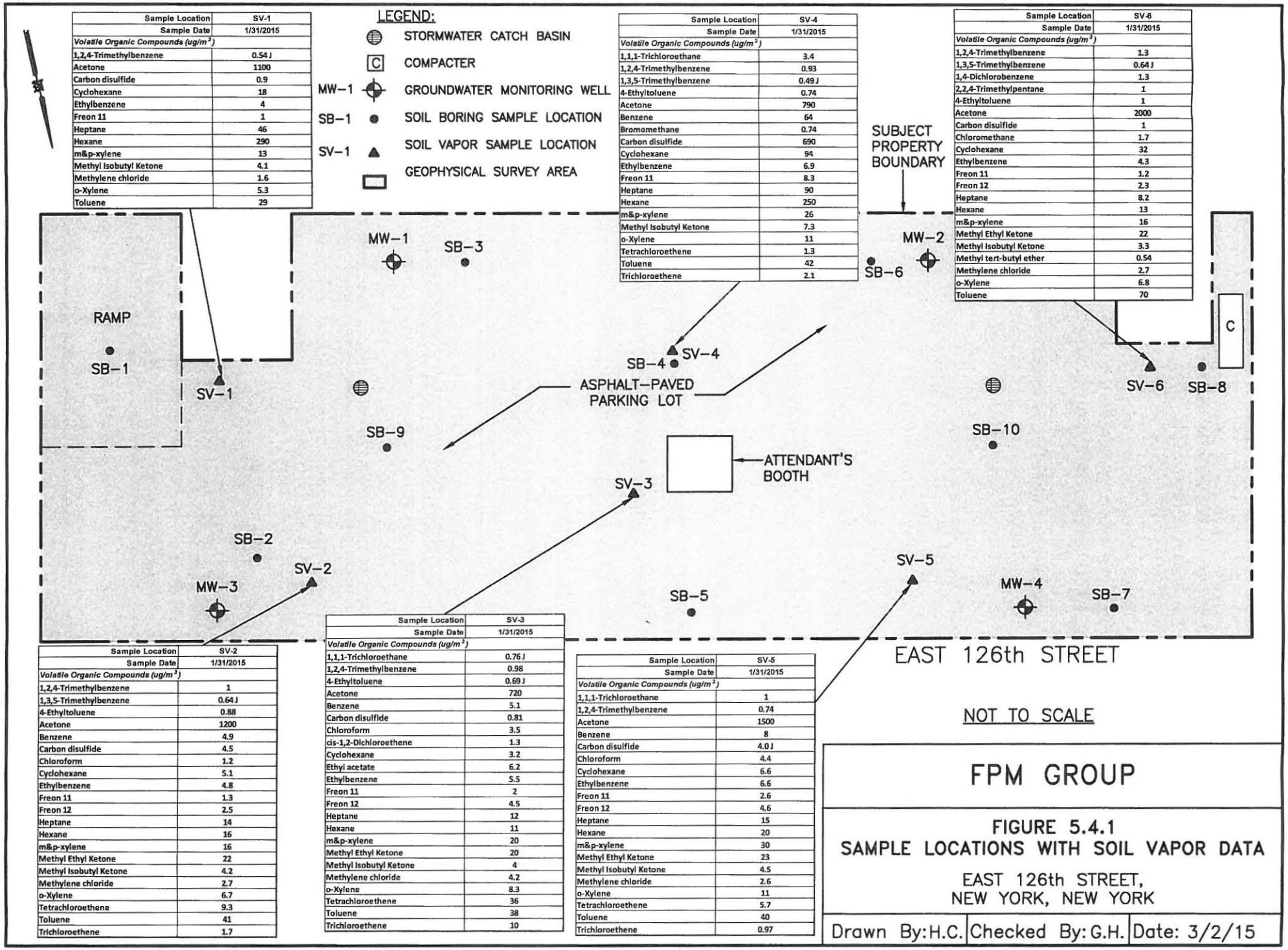
FPM GROUP

FIGURE 5.3.1
SAMPLE LOCATIONS WITH GROUNDWATER DATA

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C.	Checked By: G.H.	Date: 3/2/15

H:\BDG\126th ST\OER PHASE II\GW DATA.dwg, 3/3/2015 2:01:59 PM, Letter



Sample Location	SV-1
Sample Date	1/31/2015
Volatile Organic Compounds (ug/m³)	
1,2,4-Trimethylbenzene	0.54 J
Acetone	1100
Carbon disulfide	0.9
Cyclohexane	18
Ethylbenzene	4
Freon 11	1
Heptane	46
Hexane	290
m&p-xylene	13
Methyl Isobutyl Ketone	4.1
Methylene chloride	1.6
o-Xylene	5.3
Toluene	29

Sample Location	SV-2
Sample Date	1/31/2015
Volatile Organic Compounds (ug/m³)	
1,2,4-Trimethylbenzene	1
1,3,5-Trimethylbenzene	0.64 J
4-Ethyltoluene	0.88
Acetone	1200
Benzene	4.9
Carbon disulfide	4.5
Chloroform	1.2
Cyclohexane	5.1
Ethylbenzene	4.8
Freon 11	1.3
Freon 12	2.5
Heptane	14
Hexane	16
m&p-xylene	16
Methyl Ethyl Ketone	22
Methyl Isobutyl Ketone	4.2
Methylene chloride	2.7
o-Xylene	6.7
Tetrachloroethene	9.3
Toluene	41
Trichloroethene	1.7

Sample Location	SV-3
Sample Date	1/31/2015
Volatile Organic Compounds (ug/m³)	
1,1,1-Trichloroethane	0.76 J
1,2,4-Trimethylbenzene	0.98
4-Ethyltoluene	0.69 J
Acetone	720
Benzene	5.1
Carbon disulfide	0.81
Chloroform	3.5
cis-1,2-Dichloroethene	1.3
Cyclohexane	3.2
Ethyl acetate	6.2
Ethylbenzene	5.5
Freon 11	2
Freon 12	4.5
Heptane	12
Hexane	11
m&p-xylene	20
Methyl Ethyl Ketone	20
Methyl Isobutyl Ketone	4
Methylene chloride	4.2
o-Xylene	8.3
Tetrachloroethene	36
Toluene	38
Trichloroethene	10

Sample Location	SV-4
Sample Date	1/31/2015
Volatile Organic Compounds (ug/m³)	
1,1,1-Trichloroethane	3.4
1,2,4-Trimethylbenzene	0.93
1,3,5-Trimethylbenzene	0.49 J
4-Ethyltoluene	0.74
Acetone	790
Benzene	64
Bromomethane	0.74
Carbon disulfide	690
Cyclohexane	94
Ethylbenzene	6.9
Freon 11	8.3
Heptane	90
Hexane	250
m&p-xylene	26
Methyl Isobutyl Ketone	7.3
o-Xylene	11
Tetrachloroethene	1.3
Toluene	42
Trichloroethene	2.1

Sample Location	SV-5
Sample Date	1/31/2015
Volatile Organic Compounds (ug/m³)	
1,1,1-Trichloroethane	1
1,2,4-Trimethylbenzene	0.74
Acetone	1500
Benzene	8
Carbon disulfide	4.0 J
Chloroform	4.4
Cyclohexane	6.6
Ethylbenzene	6.6
Freon 11	2.6
Freon 12	4.6
Heptane	15
Hexane	20
m&p-xylene	30
Methyl Ethyl Ketone	23
Methyl Isobutyl Ketone	4.5
Methylene chloride	2.6
o-Xylene	11
Tetrachloroethene	5.7
Toluene	40
Trichloroethene	0.97

Sample Location	SV-6
Sample Date	1/31/2015
Volatile Organic Compounds (ug/m³)	
1,2,4-Trimethylbenzene	1.3
1,3,5-Trimethylbenzene	0.64 J
1,4-Dichlorobenzene	1.3
2,2,4-Trimethylpentane	1
4-Ethyltoluene	1
Acetone	2000
Carbon disulfide	1
Chloromethane	1.7
Cyclohexane	32
Ethylbenzene	4.3
Freon 11	1.2
Freon 12	2.3
Heptane	8.2
Hexane	13
m&p-xylene	16
Methyl Ethyl Ketone	22
Methyl Isobutyl Ketone	3.3
Methyl tert-butyl ether	0.54
Methylene chloride	2.7
o-Xylene	6.8
Toluene	70

FPM GROUP

FIGURE 5.4.1
SAMPLE LOCATIONS WITH SOIL VAPOR DATA

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C. | Checked By: G.H. | Date: 3/2/15

H:\BDG\126th ST\OER PHASE II\SOIL VAPOR DATA.dwg, 3/3/2015 1:31:01 PM, Letter

TABLES

TABLE 4.3.1
SOIL ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	Track 1 Unrestricted Use SCOs	Track 2 Restricted Residential SCOs	SB-1 0-2 1/31/2015	SB-1 11-13 1/31/2015	SB-2 0-2 1/31/2015	SB-2 11-13 1/31/2015	SB-3 0-2 1/31/2015	SB-3 11-13 1/31/2015	SB-4 0-2 1/31/2015	SB-4 11-13 1/31/2015	SB-4 (Duplicate) 11-13 1/31/2015	SB-5 0-2 1/31/2015	SB-5 11-13 1/31/2015	SB-6 0-2 1/31/2015	SB-6 11-13 1/31/2015	SB-7 0-2 1/31/2015	SB-7 11-13 1/31/2015	SB-8 0-2 1/31/2015	SB-8 11-13 1/31/2015	SB-9 0-2 1/31/2015	SB-9 11-13 1/31/2015	SB-10 0-2 1/31/2015	SB-10 11-13 1/31/2015
Volatile Organic Compounds in micrograms per kilogram																							
1,1,1-Trichloroethane	680	100,000	<0.24	<0.30	<0.19	<0.24	<0.22	<0.26	<0.28	<0.20	<0.19	<0.19	<0.17	<0.22	<0.18	<0.17	<0.24	<0.26	<0.25	<0.19	<0.18	<0.24	<0.23
1,1,2,2-Tetrachloroethane	-	-	<0.15	<0.19	<0.12	<0.16	<0.14	<0.17	<0.18	<0.13	<0.12	<0.13	<0.11	<0.15	<0.12	<0.11	<0.16	<0.17	<0.16	<0.12	<0.12	<0.16	<0.15
1,1,2-Trichloro-1,2,2-trifluoroethane	-	-	<0.25	<0.31	<0.20	<0.25	<0.23	<0.27	<0.29	<0.21	<0.20	<0.20	<0.18	<0.23	<0.19	<0.17	<0.25	<0.27	<0.26	<0.19	<0.19	<0.25	<0.24
1,1,2-Trichloroethane	-	-	<0.28	<0.36	<0.23	<0.29	<0.26	<0.31	<0.33	<0.24	<0.22	<0.23	<0.21	<0.27	<0.22	<0.20	<0.29	<0.31	<0.29	<0.22	<0.22	<0.29	<0.27
1,1-Dichloroethane	270	26,000	<0.21	<0.27	<0.17	<0.21	<0.20	<0.23	<0.25	<0.18	<0.17	<0.17	<0.16	<0.20	<0.17	<0.15	<0.21	<0.23	<0.22	<0.17	<0.16	<0.22	<0.21
1,1-Dichloroethene	330	100,000	<0.27	<0.34	<0.22	<0.27	<0.25	<0.30	<0.32	<0.23	<0.22	<0.22	<0.20	<0.26	<0.21	<0.19	<0.27	<0.30	<0.28	<0.21	<0.21	<0.28	<0.26
1,2,3-Trichlorobenzene	-	-	<0.39	<0.49	<0.31	<0.39	<0.36	<0.43	<0.46	<0.34	<0.31	<0.32	<0.28	<0.37	<0.30	<0.27	<0.39	<0.43	<0.40	<0.31	<0.30	<0.40	<0.38
1,2,4-Trichlorobenzene	-	-	<0.32	<0.40	<0.26	<0.32	<0.29	<0.35	<0.38	<0.27	<0.25	<0.26	<0.23	<0.30	<0.25	<0.22	<0.32	<0.35	<0.33	<0.25	<0.25	<0.33	<0.31
1,2-Dibromo-3-Chloropropane	-	-	<0.54	<0.68	<0.44	<0.55	<0.50	<0.60	<0.64	<0.47	<0.43	<0.45	<0.40	<0.51	<0.42	<0.38	<0.55	<0.60	<0.56	<0.43	<0.42	<0.56	<0.53
1,2-Dichlorobenzene	1,100	100,000	<0.15	<0.19	<0.12	<0.16	<0.14	<0.17	<0.18	<0.13	<0.12	<0.13	<0.11	<0.15	<0.12	<0.11	<0.16	<0.17	<0.16	<0.12	<0.12	<0.16	<0.15
1,2-Dichloroethane	20	3,100	<0.33	<0.41	<0.27	<0.33	<0.31	<0.37	<0.39	<0.28	<0.26	<0.27	<0.24	<0.31	<0.26	<0.23	<0.33	<0.36	<0.34	<0.26	<0.26	<0.34	<0.32
1,2-Dichloropropane	-	-	<0.28	<0.36	<0.23	<0.29	<0.26	<0.31	<0.33	<0.24	<0.22	<0.23	<0.21	<0.27	<0.22	<0.20	<0.29	<0.31	<0.29	<0.22	<0.22	<0.29	<0.27
1,3-Dichlorobenzene	2,400	49,000	<0.24	<0.30	<0.19	<0.24	<0.22	<0.26	<0.28	<0.20	<0.19	<0.19	<0.17	<0.22	<0.18	<0.17	<0.24	<0.26	<0.25	<0.19	<0.18	<0.24	<0.23
1,4-Dichlorobenzene	1,800	13,000	<0.25	<0.31	<0.20	<0.25	<0.23	<0.27	<0.29	<0.21	<0.20	<0.20	<0.18	<0.23	<0.19	<0.17	0.48 J	<0.27	<0.26	<0.19	<0.19	<0.25	<0.24
1,4-Dioxane	100	13,000	<14	<18	<11	<14	<13	<16	<17	<12	<11	<12	<10	<13	<11	<9.9	<14	<15	<15	<11	<11	<14	<14
2-Butanone (MEK)	120	-	<1.7	<2.2	<1.4	<1.8	<1.6	<1.9	2.7 J	<1.5	<1.4	<1.4	<1.3	<1.6	<1.4	<1.2	7.6	<1.9	<1.8	<1.4	<1.3	<1.8	<1.7
2-Hexanone	-	-	<0.81	<1.0	<0.66	<0.82	<0.75	<0.90	<0.96	<0.70	<0.65	<0.67	<0.59	<0.77	<0.63	<0.57	<0.82	<0.90	<0.85	<0.64	<0.63	<0.84	<0.79
4-Methyl-2-pentanone (MIBK)	-	-	<0.80	<1.0	<0.65	<0.81	<0.74	<0.89	<0.95	<0.69	<0.64	<0.66	<0.59	<0.76	<0.63	<0.57	79	<0.88	<0.83	<0.63	<0.62	<0.83	<0.78
Acetone	50	100,000	13 B	17 B	9.7 B	22 B	7.5 B	12 B	25 B	5.0 JB	5.2 B	6.8 B	8.1 B	9.1 B	5.9 B	6.6 B	**78 B**	14 B	7.7 B	21 B	6.9 B	11 B	13 B
Benzene	60	4,800	<0.22	<0.28	<0.18	<0.23	<0.21	<0.25	0.26 J	<0.19	<0.18	<0.18	<0.16	<0.21	<0.17	<0.16	2.4	<0.25	<0.23	<0.18	<0.17	<0.23	<0.22
Bromoform	-	-	<0.18	<0.22	<0.14	<0.18	<0.16	<0.20	<0.21	<0.15	<0.14	<0.15	<0.13	<0.17	<0.14	<0.12	<0.18	<0.20	<0.18	<0.14	<0.14	<0.18	<0.17
Bromomethane	-	-	<0.42	<0.53	<0.34	<0.43	<0.39	<0.47	<0.50	<0.37	<0.34	<0.35	<0.31	<0.40	<0.33	<0.30	<0.43	<0.47	<0.44	<0.33	<0.33	<0.44	<0.41
Carbon disulfide	-	-	<0.20	<0.25	<0.16	<0.20	<0.19	<0.22	0.65 J	<0.17	0.27 J	<0.16	<0.15	<0.19	<0.16	<0.14	2.1	<0.22	<0.21	<0.16	<0.16	<0.21	<0.19
Carbon tetrachloride	760	2,400	<0.21	<0.27	<0.17	<0.21	<0.20	<0.23	<0.25	<0.18	<0.17	<0.17	<0.16	<0.20	<0.17	<0.15	<0.21	<0.23	<0.22	<0.17	<0.16	<0.22	<0.21
Chlorobenzene	1,100	100,000	<0.20	<0.25	<0.16	<0.20	<0.19	<0.22	<0.24	<0.17	<0.16	<0.16	<0.15	<0.19	<0.16	<0.14	<0.20	<0.22	<0.21	<0.16	<0.16	<0.21	<0.19
Chlorobromomethane	-	-	<0.37	<0.46	<0.29	<0.37	<0.34	<0.40	<0.43	<0.32	<0.29	<0.30	<0.27	<0.35	<0.29	<0.26	<0.37	<0.40	<0.38	<0.29	<0.28	<0.38	<0.36
Chlorodibromomethane	-	-	<0.24	<0.30	<0.19	<0.24	<0.22	<0.26	<0.28	<0.20	<0.19	<0.19	<0.17	<0.22	<0.18	<0.17	<0.24	<0.26	<0.25	<0.19	<0.18	<0.24	<0.23
Chloroethane	-	-	<0.57	<0.71	<0.46	<0.57	<0.52	<0.63	<0.67	<0.49	<0.45	<0.46	<0.41	<0.54	<0.44	<0.40	<0.57	<0.62	<0.59	<0.44	<0.44	<0.58	<0.55
Chloroform	370	49,000	<0.19	<0.24	<0.15	<0.19	<0.17	<0.21	<0.22	<0.16	<0.15	<0.15	<0.14	<0.18	<0.15	<0.13	<0.19	<0.21	<0.20	<0.15	<0.15	<0.19	<0.18
Chloromethane	-	-	<0.27	<0.34	<0.22	<0.27	<0.25	<0.30	<0.32	<0.23	<0.22	<0.22	<0.20	<0.26	<0.21	<0.19	<0.27	<0.30	<0.28	<0.21	<0.21	<0.28	<0.26
cis-1,2-Dichloroethene	250	100,000	<0.26	<0.33	<0.21	<0.26	<0.24	<0.29	<0.31	<0.22	<0.21	<0.21	<0.19	<0.25	<0.20	<0.18	0.29 J	<0.29	<0.27	<0.20	<0.20	<0.27	<0.25
cis-1,3-Dichloropropene	-	-	<0.20	<0.25	<0.16	<0.20	<0.19	<0.22	<0.24	<0.17	<0.16	<0.16	<0.15	<0.19	<0.16	<0.14	<0.20	<0.22	<0.21	<0.16	<0.16	<0.21	<0.19
Cyclohexane	-	-	<0.25	<0.31	<0.20	<0.25	<0.23	<0.27	<0.29	<0.21	<0.20	<0.20	<0.18	<0.23	<0.19	<0.17	0.40 J	0.42 J	<0.26	<0.19	<0.19	<0.25	0.33 J
Dichlorobromomethane	-	-	<0.19	<0.24	<0.15	<0.19	<0.17	<0.21	<0.22	<0.16	<0.15	<0.15	<0.14	<0.18	<0.15	<0.13	<0.19	<0.21	<0.20	<0.15	<0.15	<0.19	<0.18
Dichlorodifluoromethane	-	-	<0.34	<0.43	<0.28	<0.35	<0.32	<0.38	<0.40	<0.29	<0.27	<0.28	<0.25	<0.32	<0.27	<0.24	<0.35	<0.38	<0.36	<0.27	<0.26	<0.35	<0.33
Ethylbenzene	1,000	41,000	<0.17	<0.21	<0.13	<0.17	<0.15	<0.18	<0.19	<0.14	<0.13	<0.14	<0.12	<0.16	<0.13	<0.12	3.0	<0.18	<0.17	<0.13	<0.13	<0.17	<0.16
Ethylene Dibromide	-	-	<0.21	<0.27	<0.17	<0.21	<0.20	<0.23	<0.25	<0.18	<0.17	<0.17	<0.16	<0.20	<0.17	<0.15	<0.21	<0.23	<0.22	<0.17	<0.16	<0.22	<0.21
Isopropylbenzene	-	-	<0.22	<0.28	<0.18	<0.23	<0.21	<0.25	<0.26	<0.19	<0.18	<0.18	<0.16	<0.21	<0.17	<0.16	1.9	<0.25	<0.23	<0.18	<0.17	<0.23	<0.22
Methyl acetate	-	-	<1.1	<1.4	<0.89	<1.1	<1.0	<1.2	<1.3	<0.96	<0.88	<0.91	<0.81	<1.1	<0.86	<0.78	<1.1	<1.2	<1.2	<0.87	<0.86	<1.1	<1.1
Methyl tert-butyl ether	930	100,000	<0.24	<0.30	<0.19	<0.24	<0.22	<0.26	<0.28	<0.20	<0.19	<0.19	<0.17	<0.22	<0.18	<0.17	<0.24	<0.26	<0.25	<0.19	<0.18	<0.24	<0.23
Methylcyclohexane	-	-	<0.22	<0.28	<0.18	<0.23	<0.21	<0.25	<0.26	<0.19	<0.18	<0.18	<0.16	<0.21	<0.17	<0.16	<0.23	<0.25	<0.23	<0.18	<0.17	<0.23	<0.22
Methylene Chloride	50	100,000	0.94 JB	1.3 JB	<0.36	0.77 JB	<0.42	2.0	<0.53	0.83 J	<0.36	0.40 JB	0.92 B	<0.42	<0.35	<0.32	1.1 J	<0.49	0.61 J	0.51 JB	0.58 JB	<0.46	<0.44
m-Xylene & p-Xylene	-	-	<0.25	<0.31	<0.20	<0.25	<0.23	<0.27	<0.29	<0.21	<0.20	<0.20	<0.18	<0.23	<0.19	<0.17	11	<0.27	<0.26	<0.19	<0.19	<0.25	<0.24
o-Xylene	-	-	<0.20	<0.25	<0.16	<0.20	<0.19	<0.22	<0.24	<0.17	<0.16	<0.16	<0.15	<0.19	<0.16	<0.14	1.6	<0.22	<0.21	<0.16	<0.16	<0.21	<0.19
Styrene	-	-	<0.28	<0.36	<0.23	<0.29	<0.26	<0.31	<0.33	<0.24	<0.22	<0.23	<0.21	<0.27	<0.22	<0.20	13	<0.31	<0.29	<0.22	<0.22	<0.29	<0.27
Tetrachloroethene	1,300	19,000	<0.24	0.93 J	0.50 J	2.7	<0.22	<0.26	0.69 J	2.1	0.44 J	0.59 J	0.34 J	0.85 J	0.25 J	3.0	24	1.1 J	<0.25	0.41 J	0.72 J	0.58 J	0.77 J
Toluene	700	100,000	0.42 J	0.72 J	0.28 J	0.45 J	0.62 J	0.90 J	0.49 J	0.50 J	0.46 J	0.35 J	0.62 J	<0.30	0.75 J	<0.22	8.6	0.99 J	<0.33	0.48 J	0.43 J	0.67 J	1.0 J
trans-1,2-Dichloroethene	190	100,000	<0.25	<0.31	<0.20	<0.25	<0.23	<0.27	<0.29	<0.21	<0.20	<0.20	<0.18	<0.23	<0.19	<0.17	<0.25	<0.27	<0.26	<0.19	<0.19	<0.25	<0.24
trans-1,3-Dichloropropene	-	-	<0.21	<0.27	<0.17	<0.21	<0.20	<0.23	<0.25	<0.18	<0.17	<0.17	<0.16	<0.20	<0.17	<0.15	<0.21	<0.23	<0.22	<0.17	<0.16	<0.22	<0.21
Trichloroethene	470	21,000	<0.24	<0.30	<0.19	<0.24	<0.22	<0.26	<0.28	<0.20	<0.19	<0.19	<0.17	<0.22	<0.18	<0.17	0.52 J	<0.26	<0.25	<0.19	<0.18	<0.24	<0.23
Trichlorofluoromethane	-	-	<0.22	<0.28	<0.18	<0.23	<0.21	<0.25	<0.26	<0.19	<0.18	<0.18	<0.16	<0.21	<0.17	<0.16	1.6	<0.25	<0.23	<0.18	<0.17	<0.23	<0.22
Vinyl chloride	20	900	<0.28	<0.36	<0.23	<0.29	<0.26	<0.31	<0.33	<0.24	<0.22	<0.23	<0.21	<0.27	<0.22	<0.20	<0.29	<0.31	<0.29	<0.22	<0.22	<0.29	<0.27

Notes:

B = Analytedetected in associated laboratory blank sample.
E = Analyte exceeded range of instrumentation and a diluted sample was reanalyzed.
J = Estimated concentration greater than the Method Detection Limit (MDL) and less than the Reporting Limit (RL).
ND = Not detected above the MDL.

Bold values indicate exceedances of the NYSDEC Track 1 Soil Cleanup Objectives.
Bold shaded values indicate exceedances of the NYSDEC Track 2 Soil Cleanup Objectives.
- = Not established
Only compounds detected in one or more samples are reported. See lab report for complete data.

FPM

TABLE 4.3.1 (CONTINUED)
SOIL ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	Track 1 Unrestricted Use SCOs	Track 2 Restricted Residential SCOs	SB-1 0-2 1/31/2015	SB-1 11-13 1/31/2015	SB-2 0-2 1/31/2015	SB-2 11-13 1/31/2015	SB-3 0-2 1/31/2015	SB-3 11-13 1/31/2015	SB-4 0-2 1/31/2015	SB-4 11-13 1/31/2015	SB-4 (Duplicate 11-13 1/31/2015	SB-5 0-2 1/31/2015	SB-5 11-13 1/31/2015	SB-6 0-2 1/31/2015	SB-6 11-13 1/31/2015	SB-7 0-2 1/31/2015	SB-7 11-13 1/31/2015	SB-8 0-2 1/31/2015	SB-8 11-13 1/31/2015	SB-9 0-2 1/31/2015	SB-9 11-13 1/31/2015	SB-10 0-2 1/31/2015	SB-10 11-13 1/31/2015
Semivolatile Organic Compounds in micrograms per kilogram																							
1,1'-Biphenyl	-	-	<64	<32	<60	<32	<60	<32	140 J	<31	<31	<31	<29	<30	<30	<61	<31	<31	<29	<31	<30	<31	<30
1,2,4,5-Tetrachlorobenzene	-	-	<55	<28	<52	<28	<52	<28	<57	<27	<27	<27	<26	<27	<26	<53	<27	<27	<25	<27	<26	<27	<27
2,2'-oxybis[1-chloropropane]	-	-	<31	<16	<29	<15	<29	<15	<31	<15	<15	<15	<14	<15	<14	<29	<15	<15	<14	<15	<15	<15	<15
2,3,4,6-Tetrachlorophenol	-	-	<70	<36	<66	<35	<66	<35	<72	<34	<34	<34	<32	<34	<33	<67	<34	<34	<32	<34	<33	<34	<34
2,4,5-Trichlorophenol	-	-	<74	<38	<70	<37	<70	<37	<76	<36	<36	<36	<34	<35	<35	<71	<36	<36	<34	<36	<35	<36	<35
2,4,6-Trichlorophenol	-	-	<21	<11	<20	<11	<20	<11	<22	<10	<10	<10	<9.8	<10	<10	<20	<10	<10	<9.7	<10	<10	<10	<10
2,4-Dichlorophenol	-	-	<18	<8.9	<17	<8.7	<17	<8.8	<18	<8.5	<8.4	<8.4	<8.1	<8.4	<8.3	<17	<8.5	<8.5	<8	<8.6	<8.3	<8.6	<8.4
2,4-Dimethylphenol	-	-	<160	<83	<160	<81	<150	<82	<170	<79	<79	<79	<76	<78	<77	<160	<80	<79	<75	<80	<78	<80	<78
2,4-Dinitrophenol	-	-	<560	<290	<530	<280	<530	<280	<580	<270	<270	<270	<260	<270	<270	<540	<270	<270	<260	<270	<270	<280	<270
2,4-Dinitrotoluene	-	-	<30	<15	<28	<15	<28	<15	<30	<14	<14	<14	<14	<14	<14	<28	<14	<14	<14	<14	<14	<14	<14
2,6-Dinitrotoluene	-	-	<40	<20	<38	<20	<37	<20	<41	<19	<19	<19	<18	<19	<19	<38	<19	<19	<18	<19	<19	<19	<19
2-Chloronaphthalene	-	-	<17	<8.6	<16	<8.4	<16	<8.5	<17	<8.2	<8.1	<8.1	<7.8	<8.1	<8	<16	<8.2	<8.2	<7.7	<8.2	<8	<8.3	<8.1
2-Chlorophenol	-	-	<19	<9.6	<18	<9.4	<18	<9.5	<19	<9.2	<9.1	<9.1	<8.7	<9	<8.9	<18	<9.2	<9.1	<8.7	<9.2	<9	<9.3	<9.1
2-Methylnaphthalene	-	-	37 J	21 J	34 J	31 J	18 J	<8.3	390 J	<8	<7.9	33 J	<7.6	11 J	<7.7	<16	18 J	<7.9	<7.5	<8	9.9 J	9.9 J	<7.9
2-Methylphenol	330	100,000	<32	<16	<31	<16	<31	<16	<33	<16	<16	<16	<15	<16	<15	<31	<16	<16	<15	<16	<15	<16	<16
2-Nitroaniline	-	-	<25	<12	<23	<12	<23	<12	<25	<12	<12	<12	<11	<12	<12	<23	<12	<12	<11	<12	<12	<12	<12
2-Nitrophenol	-	-	<25	<13	<24	<12	<24	<13	<26	<12	<12	<12	<12	<12	<12	<24	<12	<12	<11	<12	<12	<12	<12
3,3'-Dichlorobenzidine	-	-	<83	<42	<79	<41	<79	<42	<85	<40	<40	<40	<38	<40	<39	<79	<40	<40	<38	<40	<39	<41	<40
3-Nitroaniline	-	-	<22	<11	<21	<11	<21	<11	<23	<11	<11	<11	<10	<11	<10	<21	<11	<11	<10	<11	<10	<11	<11
4,6-Dinitro-2-methylphenol	-	-	<200	<100	<190	<99	<190	<100	<200	<96	<95	<95	<92	<95	<94	<190	<97	<96	<91	<97	<94	<97	<95
4-Bromophenyl phenyl ether	-	-	<23	<12	<22	<12	<22	<12	<24	<11	<11	<11	<11	<11	<11	<22	<11	<11	<11	<11	<11	<11	<11
4-Chloro-3-methylphenol	-	-	<32	<16	<30	<16	<30	<16	<33	<16	<15	<15	<15	<15	<15	<31	<16	<15	<15	<16	<15	<16	<15
4-Chloroaniline	-	-	<19	<9.7	<18	<9.5	<18	<9.6	<20	<9.3	<9.2	<9.2	<8.8	<9.2	<9	<18	<9.3	<9.3	<8.8	<9.3	<9.1	<9.4	<9.2
4-Chlorophenyl phenyl ether	-	-	<22	<11	<21	<11	<21	<11	<23	<11	<11	<11	<10	<11	<10	<21	<11	<11	<10	<11	<11	<11	<11
4-Methylphenol	330	100,000	<20	<10	<19	<10	<19	<10	29 J	<9.8	<9.7	<9.7	<9.4	<9.7	<9.5	<19	<9.9	<9.8	<9.3	<9.9	<9.6	<9.9	<9.7
4-Nitroaniline	-	-	<28	<14	<27	<14	<27	<14	<29	<14	<14	<14	<13	<13	<13	<27	<14	<14	<13	<14	<13	<14	<13
4-Nitrophenol	-	-	<360	<180	<340	<180	<340	<180	<370	<170	<170	<170	<170	<170	<170	<340	<170	<170	<160	<170	<170	<180	<170
Acenaphthene	20,000	100,000	82 J	10 J	86 J	65 J	31 J	<9.1	310 J	<8.7	<8.7	75 J	<8.3	23 J	<8.5	<17	36 J	<8.7	<8.3	<8.8	<8.5	10 J	<8.6
Acenaphthylene	100,000	100,000	380 J	<9.7	190 J	130 J	76 J	<9.6	840	<9.3	<9.2	230 J	18 J	17 J	<9	63 J	41 J	40 J	<8.8	<9.3	<9.1	44 J	<9.2
Acetophenone	-	-	<16	<8.2	<15	<8.1	<15	<8.2	<17	<7.9	<7.8	<7.8	9.6 J	<7.8	<7.6	<15	<7.9	<7.8	<7.4	<7.9	<7.7	<7.9	<7.8
Anthracene	100,000	100,000	450 J	<36	390 J	270 J	180 J	<36	1,500	<34	<34	360	<33	77 J	<33	73 J	100 J	43 J	<32	<34	<34	53 J	<34
Atrazine	-	-	<33	<17	<31	<16	<31	<17	<34	<16	<16	<16	<15	<16	<16	<32	<16	<16	<15	<16	<16	<16	<16
Benzaldehyde	-	-	<57	<29	<54	<28	<54	<29	<58	<28	<27	<27	29 J	<27	<27	<54	<28	<27	<26	<28	<27	<28	<27
Benzo[a]anthracene	1,000	1,000	**1,400**	54	**1,500**	**1,100**	550	<31	**3,400**	<30	<30	**1,500**	51	370	<29	300	450	250	<28	<30	<29	310	<30
Benzo[a]pyrene	1,000	1,000	**1,800**	63	**1,400**	**1,100**	480	<11	**3,200**	<11	<11	**1,500**	53	380	<11	320	460	280	<10	15 J	<11	330	<11
Benzo[b]fluoranthene	1,000	1,000	**1,800**	81	**1,800**	**1,300**	550	<15	**3,700**	<14	<14	**1,800**	89	440	<14	430	600	350	<13	23 J	<14	380	<14
Benzo[g,h,i]perylene	100,000	100,000	1,900	<22	1,800	1,200	450 J	<22	3,300	<21	<21	1,500	97 J	380	<20	440 J	560	400	<20	<21	<20	480	<20
Benzo[k]fluoranthene	800	3,900	750	28 J	560	450	240	<16	**1,600**	<16	<16	710	39	170	<15	120	200	100	<15	<16	<15	160	<16
Bis(2-chloroethoxy)methane	-	-	<23	<12	<22	<12	<22	<12	<24	<11	<11	<11	<11	<11	<11	<22	<11	<11	<11	<11	<11	<11	<11
Bis(2-chloroethyl)ether	-	-	<18	<8.9	<17	<8.7	<17	<8.8	<18	<8.5	<8.4	<8.4	<8.1	<8.4	<8.3	<17	<8.5	<8.5	<8	<8.6	<8.3	<8.6	<8.4
Bis(2-ethylhexyl) phthalate	-	-	<29	<15	170 J	72 J	<27	<15	1,500	<14	<14	64 J	110 J	<14	<14	64 J	65 J	<14	<13	<14	<14	71 J	<14
Butyl benzyl phthalate	-	-	<23	<12	68 J	32 J	<22	<12	99 J	<11	<11	<11	<11	<11	<11	<22	72 J	<11	<11	<11	<11	<11	<11
Caprolactam	-	-	<54	<27	<51	<27	<51	<27	<55	<26	<26	<26	<25	<26	<25	<51	<26	<26	<25	<26	<25	<26	<26
Carbazole	-	-	160 J	14 J	150 J	100 J	88 J	<9.3	710 J	<9	<8.9	120 J	13 J	24 J	<8.7	41 J	83 J	15 J	<8.5	<9	<8.8	22 J	<8.8
Chrysene	1,000	3,900	**1,700**	82 J	**1,500**	**1,200**	530 J	<10	**3,600**	<9.8	<9.7	**1,600**	55 J	390	<9.5	350 J	500	300 J	<9.3	19 J	<9.6	<9.9	<9.7
Dibenz(a,h)anthracene	330	330	**340**	<20	**360**	250	100	<19	**800**	<19	<19	**340**	<18	46	<18	80	100	70	<18	<19	<18	330 J	<19
Dibenzofuran	7,000	59,000	46 J	25 J	54 J	44 J	30 J	<11	780	<11	<11	69 J	<10	<11	<11	<22	27 J	<11	<10	<11	<11	77	<11
Diethyl phthalate	-	-	<21	<11	<20	<11	<20	<11	<22	<10	<10	<10	<9.8	<10	<10	<20	<10	<10	<9.7	<10	<10	<10	<10
Dimethyl phthalate	-	-	<22	<11	<20	<11	<20	<11	<22	<10	<10	<10	<10	<10	<10	<21	<11	<10	<9.9	<11	<10	<11	<10
Di-n-butyl phthalate	-	-	110 J	<11	<21	<11	<21	<11	900	<11	<11	<11	18 J	<11	<10	<21	<11	14 J	<10	<11	<11	<11	<11
Di-n-octyl phthalate	-	-	<38	<19	<36	<19	<36	<19	<39	<18	<18	<18	<17	<18	<18	<36	<18	<18	<17	<18	<18	<19	<18
Fluoranthene	100,000	100,000	3,300	160 J	2,800	2,200	1,200	<11	9,100	<11	16 J	3,300	110 J	630	<10	550 J	980	420	<10	34 J	<10	530	<11
Fluorene	30,000	100,000	94 J	8.7 J	100 J	77 J	43 J	<8.2	1,100	<7.9	<7.8	95 J	<7.5	20 J	<7.6	<15	33 J	<7.8	<7.4	<7.9	<7.7	12 J	<7.8
Hexachlorobenzene	330	1,200	<30	<15	<29	<15	<29	<15	<31	<15	<15	<15	<14	<14	<14	<29	<15	<15	<14	<15	<14	<15	<14
Hexachlorobutadiene	-	-	<21	<11	<20	<10	<20	<11	<21	<10	<10	<10	<9.7	<10	<9.9	<20	<10	<10	<9.6	<10	<9.9	<10	<10
Hexachlorocyclopentadiene	-	-	<46	<24	<44	<23	<44	<23	<48	<23	<22	<22	<21	<22	<22	<44	<23	<22	<21	<23	<22	<23	<22
Hexachloroethane	-	-	<27	<14	<26	<14	<26	<14	<28	<13	<13	<13	<13	<13	<13	<26	<13	<13	<12	<13	<13	<13	<13
Indeno[1,2,3-cd]pyrene	500	500	**1,900**	<25	**1,800**	**1,200**	500	<25	**3,500**	<24	<24	**1,600**	96	410	<23	450	**540**	350	<23	<24	<23	460	<24
Isophorone	-	-	<16	<8.1	<15	35 J	4,200	<8	<16	<7.8	<7.7	62 J	<7.4	44 J	<7.5	<15	540	<7.7	<7.3	150	<7.6	<7.8	<7.7
Naphthalene	12,000	100,000	120 J	45 J	70 J	65 J	<18	<9.5	850	<9.2	<9.1	74 J	21 J	18 J	<8.9	19 J	30 J	15 J	<8.7	<9.2	10 J	61 J	<9.1
Nitrobenzene	-	15,000	<23	<12	<22	<12	<22	<12	<24	<11	<11	<11	<11	<11	<11	<22	<11	<11	<11	<11	<11	<11	<11
N-Nitrosodi-n-propylamine	-	-	<25	<13	<24	<12	<24	<13	<26	<12	<12	<12	<12	<12	<12	<24	<12	<12	<11	<12	<12	<12	<12
N-Nitrosodiphenylamine	-	-	<68	<34	<64	<34	<64	<34	<69	<33	<32	<32	<31	<32	<32	<65	<33	<33	<31	<33	<32	<33	<32
Pentachlorophenol	800	6,700	<90	<46	<85	<45	<85	<45	<92	<44	<43	<43	<42	<43	<42	<86	<44	<44	<41	<44	<43	<44	<43
Phenanthrene	100,000	100,000	1,400	190 J	1,400	1,200	800	<10	8,900	<9.6	15 J	1,600	57 J	390	<9.3	280 J	720	150 J	<9.1	31 J	<9.4	210 J	<9.5
Phenol	330	100,000	<24	<12	<23	<12	<23	<12	<25	<12	<12	<12	<11	<12	<11	<23	<12	<12	<11	<12	<12	<12	<12
Pyrene	100,000	100,000	2,300	150 J	2,300	1,800	830	<17	6,200	<16	<16	2,500	75 J	730	<16	420 J	860	500	<15	33 J	<16	510	<16

Notes:

B = Analytedetected in associated laboratory blank sample.
E = Analyte exceeded range of instrumentation and a diluted sample was reanalyzed.
J = Estimated concentration greater than the Method Detection Limit (MDL) and less than the Reporting Limit (RL).
ND = Not detected above the MDL.

Bold values indicate exceedances of the NYSDEC Track 1 Soil Cleanup Objectives.
Bold shaded values indicate exceedances of the NYSDEC Track 2 Soil Cleanup Objectives.
- = Not established
Only compounds detected in one or more samples are reported. See lab report for complete data.

TABLE 4.3.1 (CONTINUED)
SOIL ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	Track 1 Unrestricted Use SCOs	Track 2 Restricted Residential SCOs	SB-1 0-2 1/31/2015	SB-1 11-13 1/31/2015	SB-2 0-2 1/31/2015	SB-2 11-13 1/31/2015	SB-3 0-2 1/31/2015	SB-3 11-13 1/31/2015	SB-4 0-2 1/31/2015	SB-4 11-13 1/31/2015	SB-4 (Duplicate) 11-13 1/31/2015	SB-5 0-2 1/31/2015	SB-5 11-13 1/31/2015	SB-6 0-2 1/31/2015	SB-6 11-13 1/31/2015	SB-7 0-2 1/31/2015	SB-7 11-13 1/31/2015	SB-8 0-2 1/31/2015	SB-8 11-13 1/31/2015	SB-9 0-2 1/31/2015	SB-9 11-13 1/31/2015	SB-10 0-2 1/31/2015	SB-10 11-13 1/31/2015
Metals in milligrams per kilogram																							
Silver	2	180	<0.42	<0.42	<0.41	<0.42	<0.40	<0.41	<0.43	<0.41	<0.41	<0.41	<0.38	<0.40	<0.40	<0.41	<0.42	<0.40	<0.39	<0.41	<2.0	<0.42	<0.40
Aluminum	-	-	8,110	7,340	6,420	8,990	8,710	7,530	8,290	1,890	4,640	9,340	5,710	8,320	9,320	7,310	7,220	8,500	6,670	6,890	7,980	7,390	6,630
Arsenic	13	16	3.8	0.91 J	1.6 J	3.6	1.1 J	<0.87	5.8	<0.87	1.2 J	2.9 J	2.1 J	2.2 J	<0.84	3.3	3.4	2.0 J	1.3 J	0.90 J	<4.2	1.8 J	<0.83
Barium	350	400	220	56.1	121	202	74.0	67.8	**621**	7.9 J	33.8 J	153	312	101	27.8 J	110	126	98.8	45.7	55.2	33.5 J	109	52.3
Beryllium	7.2	72	0.35 J	<0.29	<0.29	0.33 J	<0.28	0.30 J	<0.30	<0.29	<0.29	<0.29	<0.26	<0.28	<0.28	<0.29	<0.29	<0.28	<0.27	<0.28	<1.4	<0.30	<0.28
Calcium	-	-	38,900	47,000	45,300	31,900	29,500	1,370	43,300	18,300	7,240	32,800	35,800	22,500	124,000	21,300	30,800	28,600	2,770	2,900	109,000	42,200	82,200
Cadmium	2.5	4.3	<0.31	<0.31	<0.30	<0.30	<0.29	<0.30	0.64 J	<0.30	<0.30	<0.30	0.30 J	<0.29	<0.29	<0.30	<0.30	<0.29	<0.28	<0.30	<1.5	<0.31	0.39 J
Cobalt	-	-	5.7 J	6.5 J	5.0 J	6.0 J	6.7 J	8.0 J	4.5 J	2.1 J	5.5 J	6.6 J	4.3 J	7.0 J	4.4 J	5.6 J	5.6 J	7.2 J	6.0 J	7.2 J	5.0 J	5.4 J	5.0 J
Chromium	30	180	15.3	14.0	12.3	16.5	22.5	20.0	17.2	4.0	10.8	17.7	11.5	17.5	11.8	27.6	15.2	18.1	17.2	16.8	10.7	14.1	10.2
Copper	50	270	27.9	22.6	22.7	29.1	29.3	28.8	30.3	7.6	22.4	27.6	38.9	26.9	13.5	25.2	32.4	26.8	22.7	24.7	19.4 J	26.0	16
Iron	-	-	16,300	10,600	11,400	15,300	13,500	15,900	13,900	3,880	10,300	14,600	10,100	14,800	10,100	14,200	16,100	13,800	10,200	11,400	9,530	11,200	9,320
Potassium	-	-	1,420	1,570	1,420	1,510	1,440	2,650	1,120	391 J	1,630	1,860	778 J	2,160	1,360	1,320	1,360	2,070	1,020	2,170	1,340 J	1,760	1,500
Magnesium	-	-	7,240	32,100	21,500	7,030	6,230	4,200	6,120	11,200	6,300	16,000	5,300	12,900	89,300	8,710	7,260	18,000	3,630	5,080	74,400	18,700	54,600
Manganese	1,600	2,000	432	179	235	384	241	231	328	106	140	364	402	310	405	291	416	389	311	240	263	301	1,060
Sodium	-	-	343 J	93.4 J	216 J	487 J	447 J	153 J	860 J	<80.3	149 J	293 J	351 J	382 J	221 J	420 J	448 J	258 J	284 J	233 J	<389	274 J	<77.0
Nickel	30	310	15.6	12.9	13.0	16.9	16.6	19.9	14.2	5.0 J	11.8	17.0	10.4	16.8	14.4	15.9	14.9	16.7	15.7	19.8	14.4 J	13.8	14.9
Lead	63	400	**339**	45.1	**134**	**387**	14.8	5.6	**1,230**	1.9 J	4.6	160	**521**	**102**	3.9	**139**	**155**	**96.6**	6.6	7.8	6.2 J	**163**	8.7
Antimony	-	-	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.7	<1.6	<1.6	<1.6	<1.5	<1.6	<1.5	<1.6	<1.6	<1.5	<1.5	<1.6	<7.8	<1.7	<1.5
Selenium	3.9	180	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.3	<1.2	<1.2	<1.2	<1.1	<1.2	<1.2	<1.2	<1.2	<1.2	<1.1	<1.2	<5.9	<1.2	<1.2
Vanadium	-	-	23.5	19.3	17.7	25.4	29.5	23	26.3	5.5 J	18.4	24.4	12.7	24.5	17.6	22.4	19.8	23.8	18.2	22.8	19.0 J	18.3	14.9
Zinc	109	10,000	**268**	47.8	**121**	**277**	36.3	46.9	**459**	10.7	29.1	**145**	**212**	105	21.1	103	105	99.9	28.8	51.0	37.4	97.2	33.5
Thallium	-	-	<2.1	<2.1	<2.1	<2.1	<2.0	<2.1	<2.2	<2.1	<2.1	<2.1	<1.9	<2.0	<2.0	<2.1	<2.1	<2.0	<2.0	<2.0	<10.1	<2.1	<2.0
Mercury	0.18	0.81	**0.42**	<0.014	0.17	**0.29**	0.036	<0.013	**0.55**	<0.012	<0.013	0.16	**0.34**	0.17	0.016 J	**0.29**	**0.25**	**0.21**	0.018	0.058	<0.012	**0.24**	<0.012
Pesticides in micrograms per kilogram																							
4,4'-DDD	3	13,000	<1.5	<1.5	<1.4	**4.6 J**	<1.4	<1.5	**27**	<1.4	<1.4	<1.4	**5.4 J**	<1.4	<1.4	<1.4	2.1 J	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4
4,4'-DDE	3	8,900	<1.5	<1.5	<1.4	<1.5	<1.4	<1.5	**10**	<1.4	<1.4	<1.4	**10**	<1.4	<1.4	<1.4	**3.3 J**	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4
4,4'-DDT	3	7,900	**6.7 J**	<1.8	**4.7 J**	**9.2**	<1.7	<1.8	**6.1 J**	<1.7	<1.7	**5.0 J**	**40**	**5.7 J**	<1.7	3.0 J	**20**	**3.3 J**	<1.7	<1.8	<1.7	2.1 J	<1.7
Aldrin	5	97	<1.6	<1.6	<1.5	<1.6	<1.5	<1.6	<1.6	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.4	<1.5	<1.5	<1.5	<1.5
alpha-BHC	20	480	<1.7	<1.7	<1.6	<1.7	<1.6	<1.7	<1.7	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.5	<1.6	<1.6	<1.7	<1.6
beta-BHC	36	360	<1.8	<1.8	<1.7	<1.8	<1.7	<1.8	<1.9	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.7	<1.7	<1.8	<1.7	<1.8	<1.7
Chlordane (technical)	-	-	<21	<22	<20	<21	<20	<21	<22	<21	<21	<21	100	<20	<20	<20	<21	<21	<20	<21	<20	<21	<21
delta-BHC	40	100,000	<1.4	<1.4	<1.3	<1.3	<1.3	<1.4	<1.4	<1.3	<1.3	<1.3	<1.2	<1.3	<1.3	<1.3	<1.3	<1.3	<1.2	<1.3	<1.3	<1.3	<1.3
Dieldrin	5	200	<1.4	<1.4	<1.3	<1.3	<1.3	<1.4	<1.4	<1.3	<1.3	<1.3	4.2	<1.3	<1.3	<1.3	<1.3	<1.3	<1.2	<1.3	<1.3	<1.3	<1.3
Endosulfan I	2,400	24,000	<1.7	<1.7	<1.6	<1.7	<1.6	<1.7	<1.7	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.5	<1.6	<1.6	<1.7	<1.6
Endosulfan II	2,400	24,000	<1.5	<1.5	<1.4	<1.5	<1.4	<1.5	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4
Endosulfan sulfate	2,400	24,000	<1.5	<1.5	<1.4	<1.5	<1.4	<1.5	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4
Endrin	14	11,000	<1.8	<1.8	<1.7	<1.8	<1.7	<1.8	<1.9	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.7	<1.7	<1.8	<1.7	<1.8	<1.7
Endrin aldehyde	-	-	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.2	<1.1	<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1	<1.1	<1	<1.1	<1.1	<1.1	<1.1
Endrin ketone	-	-	<1.5	<1.5	<1.4	<1.5	<1.4	<1.5	<1.5	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	<1.3	<1.4	<1.4	<1.4	<1.4
gamma-BHC (Lindane)	100	1,300	<1.4	<1.4	<1.3	<1.3	<1.3	<1.4	<1.4	<1.3	<1.3	<1.3	<1.2	<1.3	<1.3	<1.3	<1.3	<1.3	<1.2	<1.3	<1.3	<1.3	<1.3
Heptachlor	42	2,100	<1.8	<1.8	<1.7	<1.8	<1.7	<1.8	<1.9	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.7	<1.7	<1.8	<1.7	<1.8	<1.7
Heptachlor epoxide	-	-	<1.7	<1.7	<1.6	<1.7	<1.6	<1.7	<1.7	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.5	<1.6	<1.6	<1.7	<1.6
Methoxychlor	-	-	<1.8	<1.8	<1.7	<1.8	<1.7	<1.8	<1.9	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.8	<1.7	<1.7	<1.8	<1.7	<1.8	<1.7
Toxaphene	-	-	<20	<21	<19	<20	<19	<20	<21	<20	<19	<19	<19	<19	<19	<19	<20	<20	<19	<20	<19	<20	<19
Polychlorinated Biphenyls in micrograms per kilogram																							
Aroclor 1016	100	1,000	<17	<17	<16	<17	<16	<17	<17	<16	<16	<16	<16	<16	<16	<16	<16	<16	<15	<16	<16	<17	<16
Aroclor 1221	100	1,000	<17	<17	<16	<17	<16	<17	<17	<16	<16	<16	<16	<16	<16	<16	<16	<16	<15	<16	<16	<17	<16
Aroclor 1232	100	1,000	<17	<17	<16	<17	<16	<17	<17	<16	<16	<16	<16	<16	<16	<16	<16	<16	<15	<16	<16	<17	<16
Aroclor 1242	100	1,000	<17	<17	<16	<17	<16	<17	<17	<16	<16	<16	<16	<16	<16	<16	<16	<16	<15	<16	<16	<17	<16
Aroclor 1248	100	1,000	<17	<17	<16	<17	<16	<17	<17	<16	<16	<16	<16	<16	<16	<16	<16	<16	<15	<16	<16	<17	<16
Aroclor 1254	100	1,000	<21	<22	<20	<21	<20	<21	<22	<21	<21	<21	<20	<20	<20	<20	<21	<21	<20	<21	<20	<21	<21
Aroclor 1260	100	1,000	<21	<22	<20	<21	<20	<21	<22	<21	<21	<21	<20	<20	<20	<20	<21	<21	<20	<21	<20	<21	<21
Aroclor 1268	100	1,000	<21	<22	<20	<21	<20	<21	<22	<21	<21	<21	<20	<20	<20	<20	<21	<21	<20	<21	<20	<21	<21
Aroclor-1262	100	1,000	<21	<22	<20	<21	<20	<21	<22	<21	<21	<21	<20	<20	<20	<20	<21	<21	<20	<21	<20	<21	<21

Notes:

B = Analytedetected in associated laboratory blank sample.
E = Analyte exceeded range of instrumentation and a diluted sample was reanalyzed.
J = Estimated concentration greater than the Method Detection Limit (MDL) and less than the Reporting Limit (RL).
ND = Not detected above the MDL.

Bold values indicate exceedances of the NYSDEC Track 1 Soil Cleanup Objectives.
Bold shaded values indicate exceedances of the NYSDEC Track 2 Soil Cleanup Objectives.
- = Not established
Only compounds detected in one or more samples are reported. See lab report for complete data.

FPM

TABLE 4.3.2
GROUNDWATER ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	NYSDEC Class GA Ambient Water	MW-1 2/10/2015	MW-1D (duplicate) 2/10/2015	MW-2 2/10/2015	MW-3 2/10/2015	MW-4 2/10/2015
Volatile Organic Compounds in micrograms per liter						
1,1,1-Trichloroethane	5	<0.060	<0.060	<0.060	<0.12	<0.060
1,1,2,2-Tetrachloroethane	5	<0.16	<0.16	<0.16	<0.32	<0.16
1,1,2-Trichloro-1,2,2-trifluoroethane	-	<0.080	<0.080	<0.080	<0.16	<0.080
1,1,2-Trichloroethane	-	<0.19	<0.19	<0.19	<0.38	<0.19
1,1-Dichloroethane	5	<0.13	<0.13	<0.13	<0.26	<0.13
1,1-Dichloroethene	5	<0.090	<0.090	<0.090	<0.18	<0.090
1,2,3-Trichlorobenzene	-	<0.51	<0.51	<0.51	<1.0	<0.51
1,2,4-Trichlorobenzene	5	<0.34	<0.34	<0.34	<0.68	<0.34
1,2-Dibromo-3-Chloropropane	-	<0.40	<0.40	<0.40	<0.80	<0.40
1,2-Dichlorobenzene	3	<0.21	<0.21	<0.21	<0.42	<0.21
1,2-Dichloroethane	5	<0.19	<0.19	<0.19	<0.38	<0.19
1,2-Dichloropropane	-	<0.090	<0.090	<0.090	<0.18	<0.090
1,3-Dichlorobenzene	5	<0.14	<0.14	<0.14	<0.28	<0.14
1,4-Dichlorobenzene	5	<0.23	<0.23	<0.23	<0.46	<0.23
1,4-Dioxane	-	<36	<36	<36	<72	<36
2-Butanone (MEK)	50	<2.3	<2.3	<2.3	<4.6	<2.3
2-Hexanone	-	<0.50	<0.50	<0.50	<1.0	<0.50
4-Methyl-2-pentanone (MIBK)	-	<0.99	<0.99	<0.99	<2.0	<0.99
Acetone	-	<2.7	<2.7	<2.7	<5.4	<2.7
Benzene	1	<0.080	<0.080	<0.080	<0.16	<0.080
Bromoform	-	<0.19	<0.19	<0.19	<0.38	<0.19
Bromomethane	-	<0.18	<0.18	<0.18	<0.36	<0.18
Carbon disulfide	60	<0.13	<0.13	<0.13	<0.26	<0.13
Carbon tetrachloride	5	<0.060	<0.060	<0.060	<0.12	<0.060
Chlorobenzene	5	<0.11	<0.11	<0.11	<0.22	<0.11
Chlorobromomethane	-	<0.27	<0.27	<0.27	<0.54	<0.27
Chlorodibromomethane	-	<0.20	<0.20	<0.20	<0.40	<0.20
Chloroethane	5	<0.17	<0.17	<0.17	<0.34	<0.17
Chloroform	7	<0.080	<0.080	0.87 J	0.18 J	0.30 J
Chloromethane	-	<0.10	<0.10	<0.10	<0.20	<0.10
cis-1,2-Dichloroethene	5	0.32 J	0.32 J	1.4	**6.3**	1.1
cis-1,3-Dichloropropene	-	<0.18	<0.18	<0.18	<0.36	<0.18
Cyclohexane	-	<0.16	<0.16	<0.16	<0.32	<0.16
Dichlorobromomethane	-	<0.12	<0.12	<0.12	<0.24	<0.12
Dichlorodifluoromethane	-	<0.22	<0.22	<0.22	<0.44	<0.22
Ethylbenzene	5	<0.10	<0.10	<0.10	<0.20	<0.10
Ethylene Dibromide	-	<0.28	<0.28	<0.28	<0.56	<0.28
Isopropylbenzene	5	<0.080	<0.080	<0.080	<0.16	<0.080
Methyl acetate	-	<0.34	<0.34	<0.34	<0.68	<0.34
Methyl tert-butyl ether	10	<0.14	<0.14	<0.14	<0.28	<0.14
Methylcyclohexane	-	<0.14	<0.14	<0.14	<0.28	<0.14
Methylene Chloride	5	<0.18	<0.18	<0.18	<0.36	<0.18
m-Xylene & p-Xylene	-	<0.25	<0.25	<0.25	<0.50	<0.25
o-Xylene	-	<0.13	<0.13	<0.13	<0.26	<0.13
Styrene	-	<0.12	<0.12	<0.12	<0.24	<0.12
Tetrachloroethene	5	2.0	2.0	**44**	**660**	**20**
Toluene	5	<0.15	<0.15	<0.15	<0.30	<0.15
trans-1,2-Dichloroethene	5	<0.13	<0.13	<0.13	0.46 J	<0.13
trans-1,3-Dichloropropene	-	<0.24	<0.24	<0.24	<0.48	<0.24
Trichloroethene	5	0.44 J	0.46 J	2.2	**19**	1.9
Trichlorofluoromethane	-	<0.15	<0.15	<0.15	<0.30	<0.15
Vinyl chloride	2	<0.14	<0.14	<0.14	<0.28	<0.14

Notes:

J = Estimated concentration greater than the MDL and less than the RL.
Bold shaded values indicate exceedances of the NYSDEC Class GA Ambient Water Quality Standards.
- = Not established

FPM

TABLE 4.3.2 (CONTINUED)
GROUNDWATER ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	NYSDEC Class GA Ambient Water Quality Standard	MW-1 2/10/2015	MW-1D (duplicate) 2/10/2015	MW-2 2/10/2015	MW-3 2/10/2015	MW-4 2/10/2015
Semivolatile Organic Compounds in micrograms per liter						
1,1'-Biphenyl	-	<1.9	<1.9	<1.9	<1.9	<1.9
1,2,4,5-Tetrachlorobenzene	-	<1.9	<1.9	<1.9	<1.9	<1.9
2,2'-oxybis[1-chloropropane]	-	<1.4	<1.4	<1.4	<1.4	<1.4
2,3,4,6-Tetrachlorophenol	-	<0.93	<0.93	<0.93	<0.93	<0.93
2,4,5-Trichlorophenol	-	<2.3	<2.3	<2.3	<2.3	<2.3
2,4,6-Trichlorophenol	-	<1.5	<1.5	<1.5	<1.5	<1.5
2,4-Dichlorophenol	1	<1.1	<1.1	<1.1	<1.1	<1.1
2,4-Dimethylphenol	-	<1.3	<1.3	<1.3	<1.3	<1.3
2,4-Dinitrophenol	1	<2.1	<2.1	<2.1	<2.1	<2.1
2,4-Dinitrotoluene	-	<0.29	<0.29	<0.29	<0.29	<0.29
2,6-Dinitrotoluene	5	<0.28	<0.28	<0.28	<0.28	<0.28
2-Chloronaphthalene	-	<1.4	<1.4	<1.4	<1.4	<1.4
2-Chlorophenol	-	<0.97	<0.97	<0.97	<0.97	<0.97
2-Methylnaphthalene	-	<1.6	<1.6	<1.6	<1.6	<1.6
2-Methylphenol	-	<1.5	<1.5	<1.5	<1.5	<1.5
2-Nitroaniline	5	<2.1	<2.1	<2.1	<2.1	<2.1
2-Nitrophenol	-	<0.71	<0.71	<0.71	<0.71	<0.71
3,3'-Dichlorobenzidine	-	<3.3	<3.3	<3.3	<3.3	<3.3
3-Nitroaniline	5	<3.0	<3.0	<3.0	<3.0	<3.0
4,6-Dinitro-2-methylphenol	-	<3.1	<3.1	<3.1	<3.1	<3.1
4-Bromophenyl phenyl ether	-	<1.1	<1.1	<1.1	<1.1	<1.1
4-Chloro-3-methylphenol	-	<1.1	<1.1	<1.1	<1.1	<1.1
4-Chloroaniline	5	<0.33	<0.33	<0.33	<0.33	<0.33
4-Chlorophenyl phenyl ether	-	<1.6	<1.6	<1.6	<1.6	<1.6
4-Methylphenol	-	<1.0	<1.0	<1.0	<1.0	<1.0
4-Nitroaniline	-	<3.0	<3.0	<3.0	<3.0	<3.0
4-Nitrophenol	-	<2.1	<2.1	<2.1	<2.1	<2.1
Acenaphthene	-	<1.1	<1.1	<1.1	<1.1	<1.1
Acenaphthylene	-	<1.9	<1.9	<1.9	<1.9	<1.9
Acetophenone	-	<0.93	<0.93	<0.93	<0.93	<0.93
Anthracene	50	<0.89	<0.89	<0.89	<0.89	<0.89
Atrazine	-	<1.0	<1.0	<1.0	<1.0	<1.0
Benzaldehyde	-	<2.2	<2.2	<2.2	<2.2	<2.2
Benzo[a]anthracene	-	<0.19	<0.19	<0.19	<0.19	<0.19
Benzo[a]pyrene	ND	<0.15	<0.15	<0.15	**0.42 J**	**0.37 J**
Benzo[b]fluoranthene	-	<0.22	<0.22	<0.22	0.54 J	0.45 J
Benzo[g,h,i]perylene	-	<0.97	<0.97	<0.97	<0.97	<0.97
Benzo[k]fluoranthene	-	<0.15	<0.15	<0.15	0.23 J	0.43 J
Bis(2-chloroethoxy)methane	-	<1.0	<1.0	<1.0	<1.0	<1.0
Bis(2-chloroethyl)ether	-	<0.31	<0.31	<0.31	<0.31	<0.31
Bis(2-ethylhexyl) phthalate	5	<0.84	<0.84	<0.84	<0.84	0.89 J
Butyl benzyl phthalate	-	<1.5	<1.5	<1.5	<1.5	<1.5
Caprolactam	-	<0.95	<0.95	<0.95	<0.95	<0.95
Carbazole	-	<1.3	<1.3	<1.3	<1.3	<1.3
Chrysene	-	<1.5	<1.5	<1.5	<1.5	<1.5
Dibenz(a,h)anthracene	-	<0.17	<0.17	<0.17	<0.17	0.59 J
Dibenzofuran	-	<1.6	<1.6	<1.6	<1.6	<1.6
Diethyl phthalate	-	<1.5	<1.5	<1.5	<1.5	<1.5
Dimethyl phthalate	-	<1.1	<1.1	<1.1	<1.1	<1.1
Di-n-butyl phthalate	50	<1.0	<1.0	<1.0	<1.0	<1.0
Di-n-octyl phthalate	-	<0.92	<0.92	<0.92	<0.92	<0.92
Fluoranthene	-	<1.1	<1.1	<1.1	<1.1	<1.1
Fluorene	-	<1.8	<1.8	<1.8	<1.8	<1.8
Hexachlorobenzene	0.04	<0.21	<0.21	<0.21	<0.21	**0.42 J**
Hexachlorobutadiene	-	<0.71	<0.71	<0.71	<0.71	<0.71
Hexachlorocyclopentadiene	-	<1.6	<1.6	<1.6	<1.6	<1.6
Hexachloroethane	-	<0.16	<0.16	<0.16	<0.16	<0.16
Indeno[1,2,3-cd]pyrene	-	<0.11	<0.11	<0.11	0.25 J	0.46 J
Isophorone	-	<1.4	<1.4	<1.4	<1.4	<1.4
Naphthalene	-	<2.1	<2.1	<2.1	<2.1	<2.1
Nitrobenzene	0.4	<0.35	<0.35	<0.35	<0.35	<0.35
N-Nitrosodi-n-propylamine	-	<0.28	<0.28	<0.28	<0.28	<0.28
N-Nitrosodiphenylamine	-	<1.0	<1.0	<1.0	<1.0	<1.0
Pentachlorophenol	1	<2.8	<2.8	<2.8	<2.8	<2.8
Phenanthrene	-	<1.3	<1.3	<1.3	<1.3	<1.3
Phenol	1	<0.63	<0.63	<0.63	<0.63	<0.63
Pyrene	-	<1.1	<1.1	<1.1	<1.1	<1.1

Notes:

J = Estimated concentration greater than the MDL and less than the RL.
Bold shaded values indicate exceedances of the NYSDEC Class GA Ambient Water Quality Standards.
- = Not established

TABLE 4.3.2 (CONTINUED)
GROUNDWATER ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	NYSDEC Class GA Ambient Water Quality Standard	MW-1 2/10/2015	MW-1D (duplicate) 2/10/2015	MW-2 2/10/2015	MW-3 2/10/2015	MW-4 2/10/2015
Total Metals in micrograms per liter						
Aluminum	-	603	830	857	2,740	861
Antimony	3	<5.4	<5.4	<5.4	<5.4	<5.4
Arsenic	25	<4.3	<4.3	<4.3	<4.3	<4.3
Barium	1,000	130 J	132 J	133 J	225	91.8 J
Beryllium	-	<1.1	<1.1	<1.1	<1.1	<1.1
Cadmium	5	<1.2	<1.2	<1.2	<1.2	<1.2
Calcium	-	135,000	142,000	140,000	401,000	135,000
Chromium	50	<4.6	<4.6	<4.6	4.7 J	<4.6
Cobalt	-	4.2 J	4.6 J	6.5 J	22.7 J	<3.8
Copper	200	8.8 J	<31.2	<31.2	42.5 J	<31.2
Iron	300	**1,140**	**1,560**	**2,190**	**6,340**	**1,720**
Lead	25	<4.6	5.0 J	8.9 J	**31.0**	14
Magnesium	3,500	**53,400**	**57,400**	**47,600**	**58,500**	**28,800**
Manganese	300	**514**	**538**	**740**	**1,420**	242
Nickel	100	<7.8	<7.8	13.0 J	21.4 J	<7.8
Potassium	-	6,990	6,900	5,360	15,200	10,200
Selenium	10	<6.7	<6.7	9.8 J	8.6 J	7.5 J
Silver	50	<1.9	<1.9	<1.9	<1.9	<1.9
Sodium	20,000	**302,000**	**294,000**	**169,000**	**303,000**	**160,000**
Thallium	-	<9.2	<9.2	<9.2	<9.2	<9.2
Vanadium	-	<4.2	<4.2	<4.2	10.8 J	<4.2
Zinc	2,000	11.5 J	13.9 J	9.7 J	35.8	10.3 J
Mercury	0.7	<0.18	<0.18	0.18 J	0.27	<0.18
Dissolved Metals in micrograms per liter						
Aluminum	-	<73.6	<73.6	<73.6	<73.6	<73.6
Antimony	3	<5.4	<5.4	<5.4	<5.4	<5.4
Arsenic	25	<4.3	<4.3	<4.3	<4.3	<4.3
Barium	1,000	133 J	132 J	106 J	177 J	75.5 J
Beryllium	-	<1.1	<1.1	<1.1	<1.1	<1.1
Cadmium	5	<1.2	<1.2	<1.2	<1.2	<1.2
Calcium	-	144,000	143,000	151,000	361,000	148,000
Chromium	50	<4.6	<4.6	<4.6	<4.6	<4.6
Cobalt	-	3.9 J	<3.8	<3.8	11.8 J	<3.8
Copper	200	<6.2	<6.2	<6.2	<6.2	<6.2
Iron	300	<51.4	<51.4	<51.4	<51.4	<51.4
Lead	25	<4.6	<4.6	<4.6	<4.6	<4.6
Magnesium	3,500	**55,800**	**55,400**	**50,000**	**58,300**	**30,500**
Manganese	300	**449**	**440**	**347**	**433**	8.6 J
Nickel	100	<7.8	<7.8	<7.8	8.3 J	<7.8
Potassium	-	7,240	7,270	5,470	15,600	10,400
Selenium	10	<6.7	<6.7	<6.7	<6.7	<6.7
Silver	50	<1.9	<1.9	<1.9	<1.9	<1.9
Sodium	20,000	**299,000**	**301,000**	**178,000**	**292,000**	**166,000**
Thallium	-	<9.2	<9.2	<9.2	<9.2	<9.2
Vanadium	-	<4.2	<4.2	<4.2	<4.2	<4.2
Zinc	2,000	<5.9	9.8 J	<5.9	<5.9	6.1 J
Mercury	0.7	<0.18	<0.18	<0.18	<0.18	<0.18

Notes:

J = Estimated concentration greater than the MDL and less than the RL.
Bold shaded values indicate exceedances of the NYSDEC Class GA Ambient Water Quality Standards.
- = Not established

TABLE 4.3.2 (CONTINUED)
GROUNDWATER ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	NYSDEC Class GA Ambient Water Quality Standard	MW-1 2/10/2015	MW-1D (duplicate) 2/10/2015	MW-2 2/10/2015	MW-3 2/10/2015	MW-4 2/10/2015
Pesticides in micrograms per liter						
4,4'-DDD	0.3	<0.019	<0.019	<0.019	<0.019	<0.019
4,4'-DDE	0.2	<0.016	<0.016	<0.016	<0.016	<0.016
4,4'-DDT	0.2	<0.017	<0.017	<0.017	<0.017	<0.017
Aldrin	ND	<0.017	<0.017	<0.017	<0.017	<0.017
alpha-BHC	-	<0.0090	<0.0090	<0.0090	<0.0090	<0.0090
beta-BHC	-	<0.013	<0.013	<0.013	<0.013	<0.013
Chlordane (technical)	0.05	<0.21	<0.21	<0.21	<0.21	<0.21
delta-BHC	-	<0.012	<0.012	<0.012	<0.012	<0.012
Dieldrin	0.004	<0.022	<0.022	<0.022	<0.022	<0.022
Endosulfan I	-	<0.016	<0.016	<0.016	<0.016	<0.016
Endosulfan II	-	<0.016	<0.016	<0.016	<0.016	<0.016
Endosulfan sulfate	-	<0.016	<0.016	<0.016	<0.016	<0.016
Endrin	ND	<0.017	<0.017	<0.017	<0.017	<0.017
Endrin aldehyde	5	<0.016	<0.016	<0.016	<0.016	<0.016
Endrin ketone	5	<0.016	<0.016	<0.016	<0.016	<0.016
gamma-BHC (Lindane)	-	<0.014	<0.014	<0.014	<0.014	<0.014
Heptachlor	0.04	<0.014	<0.014	<0.014	<0.014	<0.014
Heptachlor epoxide	0.03	<0.016	<0.016	<0.016	<0.016	<0.016
Methoxychlor	35	<0.015	<0.015	<0.015	<0.015	<0.015
Toxaphene	0.06	<0.34	<0.34	<0.34	<0.34	<0.34
Polychlorinated Biphenyls in micrograms per liter						
Aroclor 1016	0.09	<0.27	<0.27	<0.27	<0.27	<0.27
Aroclor 1221	0.09	<0.27	<0.27	<0.27	<0.27	<0.27
Aroclor 1232	0.09	<0.27	<0.27	<0.27	<0.27	<0.27
Aroclor 1242	0.09	<0.27	<0.27	<0.27	<0.27	<0.27
Aroclor 1248	0.09	<0.27	<0.27	<0.27	<0.27	<0.27
Aroclor 1254	0.09	<0.21	<0.21	<0.21	<0.21	<0.21
Aroclor 1260	0.09	<0.21	<0.21	<0.21	<0.21	<0.21
Aroclor 1268	0.09	<0.21	<0.21	<0.21	<0.21	<0.21
Aroclor-1262	0.09	<0.21	<0.21	<0.21	<0.21	<0.21

Notes:

J = Estimated concentration greater than the MDL and less than the RL.
Bold shaded values indicate exceedances of the NYSDEC Class GA Ambient Water Quality Standards.
- = Not established

TABLE 4.3.3
SOIL VAPOR ANALYTICAL DATA
EAST 126TH STREET, NEW YORK, NY
OER PROJECT NO. 15EHAN264M

Analyte	SV-1 10-11 1/31/2015	SV-2 10-11 1/31/2015	SV-3 10-11 1/31/2015	SV-4 10-11 1/31/2015	SV-5 10-11 1/31/2015	SV-6 10-11 1/31/2015
Volatile Organic Compounds in micrograms per cubic meter						
1,1,1-Trichloroethane	<0.82	<0.82	0.76 J	3.4	0.87	<0.82
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
1,1-Dichloroethane	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
1,1-Dichloroethene	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
1,2,4-Trichlorobenzene	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
1,2,4-Trimethylbenzene	0.54 J	1.2	0.98	0.93	0.74	1.3
1,2-Dibromethane	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
1,2-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,2-Dichloroethane	<0.61	<0.61	<0.61	<0.61	<0.61	<0.61
1,2-Dichloropropane	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
1,3,5-Trimethylbenzene	<0.74	0.64 J	<0.74	0.49 J	<0.74	0.64 J
1,3-butadiene	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
1,3-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90	<0.90
1,4-Dichlorobenzene	<0.90	<0.90	<0.90	<0.90	<0.90	1.3
1,4-Dioxane	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
2,2,4-Trimethylpentane	<0.70	<0.70	<0.70	<0.70	<0.70	0.98
4-Ethyltoluene	<0.74	0.88	0.69 J	0.74	<0.74	1.1
Acetone	1,100	1,200	720	790	1,500	2,000
Allyl chloride	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
Benzene	<0.48	4.9	5.1	64	8.0	<0.48
Benzyl chloride	<0.86	<0.86	<0.86	<0.86	<0.86	<0.86
Bromodichloromethane	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Bromomethane	<0.58	<0.58	<0.58	0.74	<0.58	<0.58
Carbon disulfide	0.90	4.5	0.81	690	4.0 J	0.81
Carbon tetrachloride	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
Chlorobenzene	<0.69	<0.69	<0.69	<0.69	<0.69	<0.69
Chloroethane	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40
Chloroform	<0.73	1.2	3.5	<0.73	4.4	<0.73
Chloromethane	<0.31	<0.31	<0.31	<0.31	<0.31	1.7
cis-1,2-Dichloroethene	<0.59	<0.59	1.3	<0.59	<0.59	<0.59
cis-1,3-Dichloropropene	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
Cyclohexane	18	5.1	3.2	94	6.6	32
Dibromochloromethane	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Ethyl acetate	<0.90	<0.90	6.2	<0.90	<0.90	<0.90
Ethylbenzene	3.6	4.8	5.5	6.9	6.6	4.3
Freon 11	0.90	1.30	2.0	8.30	2.60	1.20
Freon 113	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Freon 114	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Freon 12	<0.74	2.5	4.5	<0.74	4.6	2.3
Heptane	46	14	12	90	15	8.2
Hexachloro-1,3-butadiene	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
Hexane	290	16	11	250	20	13
Isopropyl alcohol	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
m&p-xylene	13	16	20	26	30	16
Methyl Butyl Ketone	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Methyl Ethyl Ketone	<0.88	22	20	<0.88	23	22
Methyl Isobutyl Ketone	4.1	4.2	4.0	7.3	4.5	3.3
Methyl tert-butyl ether	<0.54	<0.54	<0.54	<0.54	<0.54	0.54
Methylene chloride	1.6	2.7	4.2	<0.52	2.6	2.7
o-Xylene	5.3	6.7	8.3	11	11	6.8
Propylene	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Styrene	<0.64	<0.64	<0.64	<0.64	<0.64	<0.64
Tetrachloroethene	<1.0	9.3	36	1.3	5.7	<1.0
Tetrahydrofuran	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
Toluene	29	41	38	42	40	70
trans-1,2-Dichloroethene	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
trans-1,3-Dichloropropene	<0.68	<0.68	<0.68	<0.68	<0.68	<0.68
Trichloroethene	<0.81	1.7	10	2.1	0.97	<0.81
Vinyl acetate	<0.53	<0.53	<0.53	<0.53	<0.53	<0.53
Vinyl Bromide	<0.66	<0.66	<0.66	<0.66	<0.66	<0.66
Vinyl chloride	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38

Notes:

J = Analyte detected at or below RL but above the MDL.
E = Analyet detected above the quantation range.

FPM

APPENDIX 1
PHASE I REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

FOR THE PROPERTY LOCATED AT

MANHATTAN BLOCK 1774 AND LOT 48

EAST 126TH STREET

NEW YORK, NEW YORK

PREPARED FOR

RIGANO LLC

PREPARED BY

FPM group™

909 MARCONI AVENUE
RONKONKOMA, NEW YORK 11779

OCTOBER 2014

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Conducted on

Address: East 126th Street (Manhattan Block 1774, Lot 48)
New York, New York 10035

FPM File No: 492-14-136

Prepared for

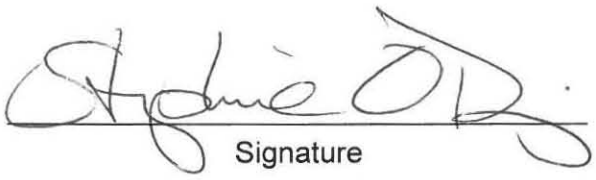
Client Name: Rigano LLC

Location: 425 Broad Hollow Road
Suite 217
Melville, NY 11747

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.

The qualifications of the undersigned Environmental Professional and environmental staff contributing to this report are included in Appendix D.

Stephanie O. Davis
Environmental Professional


Signature

Prepared by

FPM Group
909 Marconi Avenue
Ronkonkoma, NY 11779
(Tel) 631-737-6200
(Fax) 631-737-2410

TABLE OF CONTENTS

APPENDICES

SECTION 1.0
INTRODUCTION

1.1 Purpose of the Phase I Environmental Site Assessment

The primary purpose of this Phase I Environmental Site Assessment (ESA) is to identify recognized environmental conditions at the subject property. Recognized environmental conditions (RECs) refers to the presence or likely presence of hazardous substances or petroleum products in, on, or at the property due to any release to the environment, under conditions indicative of a release to the environment, and/or under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs.

Historic RECs (HRECS) include past releases of hazardous substances or petroleum products that occurred in connection with the property and have been addressed to the satisfaction of the applicable regulatory authority to meet established unrestricted use criteria without subjecting the property to any required controls. HRECs that do not meet the definition of RECs at the time this report was prepared are not listed in the Findings and Conclusions section of this report as RECs.

Controlled RECs (CRECs) include RECs resulting from a past release of petroleum products or hazardous substances that have been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. CRECs, if present, are listed in the Findings and Conclusions section of this report.

This Phase I ESA has been prepared for compliance with the American Society for Testing and Materials (ASTM) Standard Practice E 1527-13 for Phase I ESAs (2013). A Phase I ESA prepared following this Standard is intended to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) liability by having performed all appropriate inquiry into previous ownership and uses of the property consistent with good commercial or customary practice. A Phase I ESA also assesses business environmental risk in association with the current or planned commercial use of the property. Additional objectives of the Phase I ESA include the identification of environmental conditions that are in noncompliance with applicable local, state, or federal laws or regulations and recognition of property conditions or practices that may lead to future environmental liability.

1.2 Scope of Services

FPM Group (FPM) was retained by Rigano LLC on behalf of the User to perform a Phase I ESA for the property located at Manhattan Block 1774 and Lot 48 on East 126th Street, New York, New York (subject property). The scope of services includes those items detailed in the ASTM Standard Practice E 1527-13 and focused on the property history with regard to past land use and development, underground storage tanks (USTs), aboveground storage tanks (ASTs), chemical or hazardous substances spills, storage, use, or generation, and any other pertinent information that would indicate a potential source and/or pathway of contamination at the property. Included in this report, where applicable, is information obtained from interviews with knowledgeable individuals regarding the current and/or past usage of the subject property.

Significant assumptions, if any, are described in the applicable portions of the following sections of this report. Limitations and exceptions, if any, are described in Section 5.2 of this report. Special terms and conditions, if any, affecting the scope of services are described in the applicable portions of the following sections of this report.

1.3 Reliance

FPM understands that the User may rely on this report to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. The User may also rely on this report to assess business environmental risk in association with the current or planned commercial use of the property, to identify environmental conditions that are in noncompliance with applicable local, state, or federal laws or regulations, and/or to recognize property conditions or practices that may lead to future environmental liability. Reliance on this report by a different User than the User for which this report was prepared is subject to satisfying the User's Responsibilities in Section 6 of ASTM Standard Practice E 1527-13.

It should be noted that portions of this report were prepared using information provided by others. The environmental professional is not required to independently verify the provided information but may rely on this information unless he/she has actual knowledge that certain information is incorrect, or unless it is obvious that certain information is incorrect based on other information obtained in the Phase I ESA or otherwise actually known to the environmental professional.

SECTION 2.0
SUBJECT PROPERTY DESCRIPTION

2.1 Property Location and Legal Description

The subject property is identified as East 126th Street, New York, New York, and is located on the south side of East 126th Street between Lexington Avenue and 3rd Avenue in the borough of Manhattan. The subject property is referenced by the following New York City Tax Map number: Manhattan, Block 1774 and Lot 48. The subject property comprises approximately 22,500 square feet and includes an asphalt-paved parking lot.

2.2 Property Environmental Setting

Groundwater in the vicinity of the property is derived from infiltration of precipitation through the ground surface and surficial deposits to the water table. The original surficial deposits likely consisted primarily of sand and gravel; however, the ground surface has been significantly modified due to previous development. Precipitation that may infiltrate the ground surface will enter the groundwater system. The water table is the upper limit of the groundwater reservoir and is bounded beneath by impervious bedrock which is located approximately 150 feet below mean sea level, or MSL (USGS, 1990).

The regional groundwater flow direction in the property vicinity is generally controlled by the slope of the bedrock surface, which is reflected by the surface topography. Information regarding the surface topography of the subject property and vicinity was obtained from the USGS Central Park, New York-New Jersey Quadrangle (1966, photorevised 1979). The topographic elevation of the subject property ranges from approximately 15 to 20 feet above MSL and slopes gently to the northeast. Therefore, it is anticipated that the groundwater flow in the vicinity of the subject property is generally to the northeast toward the Harlem River, which is located approximately one-quarter mile to the northeast and is the only natural surface water body within one mile of the subject property.

2.3 Property Description and Usage

The subject property is asphalt-paved and used as a parking lot.

2.4 Adjoining Property Usage

The subject property is surrounded by parcels utilized for residential and commercial purposes. A commercial building containing various stores and a New York State Department of Motor Vehicles (DMV) office adjoins the subject property to the south. A residential building with a Saenid Laundromat and various stores and restaurants on the first floor adjoins the subject property to the west. A Salvation Army Community Center adjoins the subject property to the east. Residential buildings adjoin the subject property to the north.

SECTION 3.0
RECORDS REVIEW

Records reviews were conducted during this portion of the study to evaluate the property history, potential environmental concerns on the property, and potential environmental concerns in proximity to the property. Records were obtained from several sources, within reasonable time and cost constraints (within 20 calendar days of our written request and at a nominal cost), as more fully described below.

3.1 Historical Information

➢ Historic Reference Documents

The objective of this portion of the study is to reconstruct the property history as it pertains to land use and development. For this purpose, information was sought from the following sources and is summarized below:

- Sanborn Fire Insurance maps
- Historic aerial photographs

Historic information concerning the property was also obtained from a property representative, User-provided documents, and other sources. This information is summarized in later sections of this report.

Sanborn Fire Insurance Maps of the subject property vicinity were provided by Environmental Data Resources (EDR) for the years 1896, 1911, 1939, 1951, 1968, 1969, 1979, 1980, 1982, 1986, 1989, 1991-1996, 2001-2005. Copies of the maps are included in Appendix A. Information obtained from the fire insurance map review is as follows:

1896: The western portion of the subject property is developed with approximately four buildings occupied by the 29th Police Precinct. The remainder of the property is developed with approximately 13 buildings ranging in size from one to five stories. The uses of these buildings are not shown. The adjoining properties to the north are developed with approximately 11 buildings ranging in size from one to five stories. One of the buildings is labeled a Piano Factory, but the uses of the remaining buildings are not shown. The adjoining properties to the east are developed with four three-story buildings. The adjoining property to the west is developed with a two-story building and a one-story building. The adjoining properties to the south are developed with approximately 11 buildings ranging in size from one to four stories. The uses of these buildings are not shown.

1911: The police station on the western portion of the subject property is now occupied by the 43rd Precinct. The subject property also includes a two-story furniture storage building with a basement and an elevator, a five-story dwelling with a basement, a five story dwelling with a basement and a store labeled Carriage No. 1 Printing, a five-story store building with a basement and an elevator, and a building labeled Gotham Theatre. The adjoining property to the north contains approximately 11 buildings ranging in size from one to five stories, four of which contain elevators. The buildings include a NY Bill Posting Co., storage of furniture, a livery, a wood shed, stores, and dwellings. The adjoining property to the south contains approximately nine buildings ranging in size from three to four stories, one of which contains an

elevator. The buildings include auctions rooms, a hotel, stores, and dwellings. The adjoining property to the west has been redeveloped with a six-story building with a basement and an elevator and is occupied by a store and dwellings. No significant changes are noted for the adjoining property to the east.

1939: No significant changes are noted for the subject property, with the exception of an additional one-story store building, the police station is now occupied by the 25th Precinct, and the theater is now labeled Tri-Boro Theatre. No significant changes are noted for the adjoining properties to the north, with the exception of a two-story NY Post Office Station. No significant changes are noted for the remaining adjoining properties.

1951: No significant changes are noted for the subject property or the adjoining properties to the south and west. No significant changes are noted for the adjoining properties to the north, with the exception of a building labeled chemicals another building labeled cleaners and dyers that contains two solvent tanks. No significant changes are noted for the adjoining properties to the east, with the exception of one of the buildings labeled paints.

1968: No significant changes are noted for the subject property, with the exception of the Tri-Boro Theatre not being in operation. The post office station on the adjoining property to the north is now a furniture warehouse. No significant changes are noted for the remaining adjoining properties.

1969: No significant changes are noted for the subject property or the adjoining properties to the north, south, and west. The building on the adjoining property to the east is no longer labeled paints.

1979: Several buildings have been removed from the subject property. The two remaining buildings are the furniture storage building and the Tri-Boro Theatre. The adjoining properties to the north have been redeveloped and include a two-story building with an elevator labeled Urban Renewal Office, a parking lot, a five-story warehouse building with an elevator, and a five-story building labeled East Harlem Triangle Community Center. No significant changes are noted for the adjoining properties to the south, with the exception of the removal of two buildings. The buildings on the adjoining properties to the east have been removed. No significant changes are noted for the adjoining property to the west.

1980-1989: No significant changes are noted for the subject property or the adjoining properties.

1991: No significant changes are noted for the subject property or the adjoining properties to the east, south, and west. The Urban Renewal Office building on the adjoining property to the north has been redeveloped into a six-story building with a basement labeled housing for the disabled.

1992-1996: No significant changes are noted for the subject property or the adjoining properties.

2001: The buildings have been removed from the subject property and the adjoining properties to the south and these properties are undeveloped and vacant. No significant changes are noted for the remaining adjoining properties.

2002: No significant changes are noted for the subject property or the adjoining properties to the north, east, and west. The adjoining property to the south has been developed with a three-story commercial building with a basement and contains stores and offices.

2003: The subject property is labeled parking. The building on the adjoining property to the south has parking in the basement. No significant changes are noted for the remaining adjoining properties.

2004-2005: No significant changes are noted for the subject property or the adjoining properties.

A June 2011 aerial photograph of the subject property vicinity was obtained through the Google Earth website; a copy is included in Appendix A. The subject property and adjoining properties generally appear in their current configurations.

In summary, the western portion of the subject property was developed with approximately four buildings occupied by the 29th Police Precinct prior to 1896 and the remainder of the property had been developed with approximately 13 buildings ranging in size from one to five stories. The uses of these buildings were not shown. In 1911 the police station on the western portion of the subject property was occupied by the 43rd Precinct. The subject property also included a two-story furniture storage building, a five-story dwelling, a five story dwelling with a basement and a store labeled Carriage No. 1 Printing, a five-story store building, and the Gotham Theatre building. Between 1911 and 1939 an additional one-story store building was developed onsite and between 1951 and 1968 the Theatre stopped operating. Between 1969 and 1979 several buildings were removed from the subject property, leaving the furniture storage building and the theatre building. Between 1996 and 2001 the remaining buildings were removed from the subject property and by 2003 the subject property was redeveloped with a parking lot. The adjoining properties were developed for commercial and residential uses prior to 1896. Between 1939 and 1951 one of the buildings on the adjoining property to the north appeared to have been used for the manufacture or sale of chemicals and another building was a cleaners and dyers and contained two solvent tanks. A building on the adjoining property to the east was used for the manufacture or sale of paints.

- Historic Agency Records

Historic records for the subject property were sought from several local agencies during this study. Factors such as chemical spills or storage, USTs, and other information that would indicate a potential source of contamination at or in the vicinity of the property were investigated using these records. Information requests were made by FPM during this Phase I ESA from the following sources:

- New York City Department of Finance, New York County Office of the City Register
- City of New York, Department of City Planning website
- New York City Department of Buildings (DOB) website
- City of New York Fire Department (FDNY)
- Environmental Data Resources Inc. (EDR)
- Google Earth website
- New York City Department of Environmental Protection (NYCDEP)
- New York City Department of Health (NYCDOH)

- New York State Department of Environmental Conservation (NYSDEC)
- United States Environmental Protection Agency (USEPA)

Information pertaining to property ownership was obtained from the New York City Department of Finance, New York County Office of the City Register. A summary of the property ownership information is included in Table 3.1.1. The current owner of the subject property is Gotham Plaza Associates, LLC, which has owned the property since November 2000. Previously, the subject property was identified as Lots 44, 45, 47, and 49 and part of Lots 30 and 31, and was owned by various private and commercial entities. No industrial ownership is apparent.

Information obtained from the City of New York, Department of City Planning website indicates that the subject property is zoned for commercial use, including stores, theater, and retail, as C4-4D. The property is currently e-designated as E-201 on the current zoning map (copy in Appendix A) for hazardous materials, air, and noise.

The New York City DOB website was accessed on August 20, 2014 to review complaints, violations, Certificates of Occupancy (COs), and permits regarding the subject property. CO #42667 was issued on May 21, 1954 for a five-story multi dwelling at 158 East 126th Street (part of former Lot 45). The cellar (ground floor) was used as a showroom and storage, the first floor was for an office and manufacturing, the second floor was for apartments and a showroom, and the remaining floors were apartments. A complaint was received on March 22, 2014 after a car struck a wall. Two active violations were issued on March 22, 2014 regarding this incident. A violation was issued on January 16, 2009 regarding an elevator and was resolved on July 31, 2013. A new building permit was issued in 1982. Alteration permits (unspecified alterations) were issued in 1932, 1951, 1965, and 1976. A demolition permit was issued in 1975. An oil burner application was submitted in 1969, suggesting that a fuel oil tank may have been present on the property; the records are not clear regarding the portion of the subject property that this application pertained to. Copies of the information obtained during review of the online DOB records are included in Appendix A.

The FDNY was contacted on August 5, 2014 and information pertaining to fuel oil tanks, tank removals, tank leaks and violations was requested. A response had not yet been received at the time this report was prepared. If any files are made available, they will be reviewed and any pertinent information will be forwarded. A copy of the FDNY request is included in Appendix A. FDNY records were obtained during previous investigations of the property (discussed in Section 3.3). These records did not show any tanks to be registered for the property with the exception of a 2,000-gallon storage tank (unknown contents) associated with former Lot 30. This tank has been removed, as discussed in Section 3.3.

The NYCDEP was contacted on August 5, 2014 and information regarding the use, storage and disposal of hazardous waste, USTs, ASTs, environmental inspections, reviews, violations and remediation was requested. An initial response was received on August 8, 2014 acknowledging the request. The Division of Air/Noise responded on August 11, 2014 that they do not maintain any such files. If any files are made available, they will be reviewed and any pertinent information will be forwarded. Copies of the NYCDEP request and response are included in Appendix A. NYCDEP records were requested during previous investigations of the property (discussed in Section 3.3); there were no records reported for the subject property.

TABLE 3.1.1
OWNERSHIP HISTORY
EAST 126TH STREET, NEW YORK, NEW YORK

BLOCK 1774, LOT 48*

Owner	Date
Gotham Plaza Associates, LLC	11/14/2000 to Present
New York City Economic Development Corporation	11/14/2000 to 11/14/2000

BLOCK 1774, LOT 30

Owner	Date
City of New York	4/13/1971** to 11/14/2000
Fannie Bachrach Realty Association, Inc.	6/29/1949 to ????
Eva Newman, Pauline Weinhandler, William, Leopold, Jamie, and Joseph Bachrach (heirs to Fannie Bachrach)	Prior to 6/29/1949

BLOCK 1774, LOT 31

Owner	Date
City of New York	4/131971** to 11/14/2000
Harlem Theatre and Workshop, Inc.	11/6/1970 to ????
167 Realty Corporation and 169 Realty Corporation	5/14/1929 to 11/6/1970
Lelunat Realty Company, Inc.	Prior to 5/14/1929

BLOCK 1774, LOT 44

Owner	Date
City of New York	4/13/1971** to 11/14/2000
Joshua S. Boneparth	5/23/1928 to ????
Empire Bedding Company, Inc.	Prior to 5/23/1928

BLOCK 1774, LOT 45

Owner	Date
City of New York	4/20/1973** to 11/14/2000
158 East 126th Street Corporation	6/3/1964 to ????
Morris Tanzman	1/28/1948 to 6/3/1964
Payne Estate	5/8/1937 to 1/28/1948
Samuel Bogen, et al	Prior to 5/8/1937

TABLE 3.1.1 (CONTINUED)
OWNERSHIP HISTORY
EAST 126TH STREET, NEW YORK, NEW YORK

BLOCK 1774, LOT 47

Owner	Date
City of New York	4/13/1971** to 11/14/2000
155 East 125th Street Realty Corporation	12/6/1956 to ????
Anastasia Merle, Mary E. Kearney, and Bessie Gaffney	Prior to 12/6/1956

BLOCK 1774, LOT 49

Owner	Date
City of New York	4/13/1971 to 11/14/2000
Mayor Alderman and the Commonality of the City of New York	1/6/1836 to 4/13/1971
Isaac and Margaret E. Adriance	Prior to 1/6/1836

*Lot 48 was formerly listed as Lots 44, 45, 47, and 49 and part of Lots 30 and 31.

** The City of New York has owned this lot since at least this date. The exact date of transfer was not found.

Source: New York County Office of the City Register

The NYCDOH was contacted on August 5, 2014 and information regarding chemical or hazardous material storage and/or disposal, USTs, ASTs, sampling, inspections, violations, remediation and industrial files was requested. A response had not yet been received at the time this report was prepared. If any files are made available, they will be reviewed and any pertinent information will be forwarded. A copy of the NYCDOH request is included in Appendix A. NYCDOH records were requested during previous investigations of the property (discussed in Section 3.3); there were no records reported for the subject property.

The NYSDEC was contacted on August 5, 2014 and information regarding hazardous waste substance regulation, sampling, remediation, violations, waste disposal, discharge monitoring, non-compliance, inspections, monitoring, environmental permits and engineering was requested. A response had not yet been received at the time this report was prepared. If any files are made available, they will be reviewed and any pertinent information will be forwarded. A copy of the NYSDEC request is included in Appendix A. NYSDEC records were requested during previous investigations of the property (discussed in Section 3.3); there were no records reported for the subject property in 2002.

The USEPA Region II database was accessed on August 5, 2014 (www.epa.gov/region02/) and the subject property appeared on the Resource Conservation and Recovery Act (RCRA) database listed as Con Edison service box #20848 (EPA ID#NYP004298006). The facility is inactive and no RCRA violations or enforcement actions were noted. Additional information concerning this listing is provided

in Section 3.2. The subject property did not appear on the Comprehensive Environmental Resource Conservation and Liability Information System (CERCLIS) database or as a No Further Remedial Action Planned (NFRAP) site.

3.2 Federal and State Environmental Records Sources

Standard federal and state databases were accessed by EDR to identify areas of potential concern in the vicinity of the subject property. The search distances were chosen in accordance with the ASTM Standard for Phase I ESAs (ASTM, E 1527-13, Section 8.2.1) as summarized in Table 3.2.1. Table 3.2.1 also includes the federal and state database information summary, the proximity of the properties of environmental concern to the subject property, and the hydrologic position of the properties of environmental concern with respect to the subject property. It should be noted that the locations of the properties of environmental concern were evaluated with respect to the estimated regional groundwater flow direction (northeast). Properties of environmental concern located downgradient and at a distance from the subject property were presumed not to present a concern because of their hydraulic location. Pertinent portions of the state and federal database search results are included in Appendix B.

The subject property was identified on the RCRA No Longer Registered (NLR) and Petroleum Bulk Storage (PBS) databases. A 2,000-gallon #2 fuel oil steel UST was removed from the property in March 2001; this removal is further discussed in Section 3.3. Con Edison service box #20848 (EPA ID #NYP004298006) was identified on the property as a conditionally-exempt small-quantity generator of hazardous waste (unspecified) in April 2013; it is presently listed as a non-generator as hazardous waste is not presently generated. No RCRA violations or enforcement actions were noted. The subject property is also identified as being e-designated (E-201) for air quality (#2 fuel oil or natural gas heat and hot water), exhaust stack location limitations, underground gasoline storage tanks testing protocol, and window wall attenuation & alternate ventilation. The subject property was not identified on any of the other environmental databases.

Harlem Park, located approximately 0.17 miles west-southwest (up/crossgradient) of the subject property at 1800-1808 Park Avenue, 71 East 124th Street, and 66-70 East 125th Street, was identified as a NYSDEC Brownfield site and on the NYSDEC Spills database. The site was historically used as a hotel and a parking lot. Soil and groundwater impacted with #6 fuel oil are present onsite. The NYSDEC and NYSDOH have concluded that site conditions do not pose a significant threat to human health or the environment. Spill number 04-02211 was assigned on May 28, 2004 following the discovery of groundwater contaminated with #2 fuel oil. The contamination is reportedly from an offsite source. The investigation and remediation are ongoing. Based on the available information, this site does not pose a concern for the subject property.

The Odyssey House, located approximately 0.24 miles south (up/crossgradient) of the subject property at 219 East 121st Street, was identified as a Hazardous Substances Waste Disposal Site. No further information was provided. Based on the available information and its distance from the subject property, this site does not pose an environmental concern for the subject property.

A Con Edison facility, adjoining the subject property to the south (upgradient) at 159 East 125th Street, was identified on the RCRA Generators database as a conditionally-exempt small-quantity generator of hazardous waste. NO RCRA violations or enforcement actions were noted and no spills are reported. Based on the available information, this site does not pose an environmental concern for the subject property.

TABLE 3.2.1
FEDERAL AND STATE DATABASE INFORMATION SUMMARY
EAST 126TH STREET, NEW YORK, NEW YORK

Database	Search Distance (Miles)	Site	Proximity to Subject Property
FEDERAL			
National Priority List	1.0	None	-
Delisted NPL	0.5	None	-
CERCLIS and CERCLIS- No Further Remedial Action Planned	0.5	None	-
RCRA CORRACTS facilities	1.0	None	-
RCRA – Treatment, Storage, Disposal facilities	0.5	None	-
RCRA – Generator/ Transporter	Site and Adjoining	Con Edison 159 East 125th Street	Adjoining S
RCRA – No Longer Registered	Site and Adjoining	Con Edison 148 East 126th Street	Site
		Con Edison 165 East 125th Street	Adjoining S
		Con Edison 167 East 125th Street	Adjoining S
IC/EC Registries	Site	None	-
Emergency Response Notification System	Site	None	-
FINDS	-	None	-
STATE			
Brownfield Cleanup Program/ Voluntary Cleanup Program Sites	0.5	Harlem Park 1800-1808 Park Avenue, 71 East 124th Street, and 66-70 East 125th Street	0.17 miles WSW Up/crossgradient
Inactive Hazardous Waste Disposal Sites	1.0	None	-
Hazardous Substances Waste Disposal Sites	1.0	Odyssey House 219 East 121st Street	0.24 miles S Up/crossgradient
Petroleum and Chemical Bulk Storage	Site and Adjoining	156-158 East 126th Street	Site
		RBM Trading Corp 2085 Lexington Avenue	Adjoining W
		155 East 125th Street	Adjoining S
		157 East 125th Street	Adjoining S
Petroleum and Chemical Bulk Storage	Site and Adjoining	2322 3rd Avenue	Adjoining NE
Solid Waste Landfill	0.5	None	-

TABLE 3.2.1 (CONTINUED)
FEDERAL AND STATE DATABASE INFORMATION SUMMARY
EAST 126TH STREET, NEW YORK, NEW YORK

Database	Search Distance (Miles)	Site	Proximity to Subject Property
SPILLS and LUSTS (adjoining or upgradient and active only)	0.5	153 East 125th Street	Adjoining S
		151 East 125th Street	Adjoining S
		Commercial Building 103 East 125th Street	0.11 miles WNW Up/crossgradient
		1800 Park Avenue	0.15 miles W Upgradient
		Taino Tower Dry Cleaners 2253 3rd Avenue	0.16 miles SSW Crossgradient
		Apartment Building 120th Street and 2nd Avenue	0.32 miles S Crossgradient
		NYC Parks 122nd Street and 5th Avenue	0.35 miles W Upgradient
		Pelham Fritz Recreation Center 18 Mount Morris Park West	0.44 miles W Upgradient
		Corsi House 306 East 117th Street	0.46 miles S Crossgradient
IC/EC Registries	Site	None	-

Source: EDR

Two Con Edison service boxes, adjoining the subject property to the south (upgradient) at 165 and 167 East 125th Street, respectively, were identified on the RCRA NLR database. The service boxes were last listed as conditionally-exempt small-quantity generators of hazardous waste in 2013. No RCRA violations or enforcement actions were noted. Based on the available information, these sites do not pose an environmental concern for the subject property.

Two facilities adjoining the subject property to the south (upgradient) were identified on the NYSDEC Spills database. Spill number 06-09087 was assigned to 153 East 125th Street on November 8, 2006 following the discovery of a 55-gallon drum containing approximately 25 gallons of diesel fuel that had been left onsite. The drum was pumped out and removed and the spill was closed on December 1, 2006. Spill number 06-08906 was assigned to 151 East 125th Street on November 2, 2006 following the release of approximately five gallons of diesel fuel to the road surface by a commercial truck. The spill did not affect the sewers and was cleaned up by the FDNY. The spill was closed on November 3, 2006. A request was submitted to the NYSDEC on August 20, 2014 for any files related to the spills. A response had not yet been received at the time this report was prepared. If any files are made available, they will be reviewed and any pertinent information will be forwarded. A copy of the NYSDEC request is included in Appendix A. Based on the available information, which indicates that the spills were minor, cleaned up, and closed, these spills do not pose an environmental concern for the subject property.

A commercial building, located approximately 0.11 miles west-northwest (up/crossgradient) of the subject property at 103 East 125th Street, was identified on the NYSDEC Spills database. Spill number 12-06944 was assigned on October 15, 2012 following the release of approximately 10

gallons of #6 fuel oil to a paved area. A cleanup was reportedly underway but the spill remains active. As the spill was minor and confined to a paved area, this site does not pose an environmental concern for the subject property.

Five facilities were identified within the ASTM search radius on the Leaking Underground Storage Tank (LUST) database due to tank test failures on #2 fuel oil USTs. The NYSDEC spill numbers assigned to each facility remain active. Taino Tower Dry Cleaners, located approximately 0.16 miles south-southwest (crossgradient) of the subject property at 2253 3rd Avenue, was assigned spill number 00-00963 on April 22, 2000; the tank was reportedly being repaired and retested. An apartment building, located approximately 0.32 miles south (crossgradient) of the subject property at 120th Street and 2nd Avenue, was assigned spill number 98-08968 on October 19, 1998; no further information was provided. NYC Parks, located approximately 0.35 miles west (upgradient) of the subject property at 122nd Street and 5th Avenue, was assigned spill number 05-15023 on March 31, 2006; the affected tank was reportedly removed and replaced in 2009. The Pelham Fritz Recreation Center, located approximately 0.44 miles west (upgradient) of the subject property at 18 Mount Morris Park West, was assigned spill number 06-02813 on June 13, 2006; no further information was provided. Corsi House, located approximately 0.46 miles south (crossgradient) of the subject property at 306 East 117th Street, was assigned spill number 95-00828 on April 20, 1995 following a gross failure on the UST; the investigation and remediation is ongoing. Based on the available information, which indicates that these sites are located crossgradient or at a distance from the subject property, these sites do not pose an environmental concern.

Four facilities adjoining the subject property were identified on the PBS database. RBM Trading Corp., adjoining the subject property to the west (crossgradient) at 2085 Lexington Avenue, contains a steel 5,000-gallon gasoline AST installed in October 1992. Two facilities adjoining the subject property to the south (upgradient) at 155 and 157 East 125th Street, each contained a steel 1,500-gallon #2 fuel oil AST that was removed in November 2000. The facility adjoining the subject property to the northeast (downgradient) at 2322 3rd Avenue, contains a steel 7,500-gallon #2 fuel oil AST. No spills are associated with these tanks. Based on the available information, these sites do not pose an environmental concern for the subject property.

There were no other sites identified within the ASTM-designated search radii that appear to present an environmental concern for the subject property.

3.3 Previous Investigations and Remediation

- <u>January 1999 Phase I ESA</u>

FPM performed a Phase I ESA in January 1999 for a larger property that included the subject property. At that time, the subject property was identified as 163-169 East 125th Street and 148-160 East 126th Street, and was referenced by the following New York City Tax Map numbers: Manhattan, Block 1774 and part of Lots 30 (163 East 125th Street) and 31 (165-169 East 125th Street), and Lots 44 (160 East 126th Street), 45 (156-158 East 126th Street), 47 (154 East 126th Street), and 49 (148 East 126th Street). The subject property contained the rear portion of a four-story building formerly occupied by a theater, a vacant three-story building, a guard house, a shed, storage containers, and gravel parking areas. Pertinent information and recommendations from the report are summarized as follows:

- New York City DOB records indicated that a two-story building was constructed on Lot 30 prior to 1906 and was occupied by a moving pictures theater and a club room. In 1958 the building was used as a furniture store. A two-story, four family Class “A” multi-dwelling was built on Lot

30 prior to 1938. A five-story 10-family multi-dwelling was constructed on Lot 45 on October 5, 1882. In 1965 the cellar of the building housed a boiler, a pharmaceutical manufacturer occupied the first floor, and the remaining floors were used for storage. A two-story building was constructed on Lot 47 on August 27, 1903. A CO from 1967 stated that the building was heated with a coal-fired furnace. A 162,500-square-foot police station was demolished on Lot 49 in 1972.

- A 2,000-gallon abandoned AST was present below the floor joists of the building on Lot 47. A 2,000-gallon #4 fuel oil AST was reported to be present in the basement of the building formerly present on Lot 45. A hydraulic lift elevator (previously removed) was used in the Lot 47 building. It was not known whether the AST associated with the elevator was removed. It was recommended that it should be determined whether this AST had been removed or properly abandoned in place. It was also recommended that all of the ASTs no longer in service be removed and properly disposed.

- An open five-gallon container labeled dipropylene dimethyl ether was noted among debris inside the building on Lot 47. It was recommended that the five-gallon container and the debris inside of the building be disposed properly.

- The subject property was not identified on the environmental database report.

- Suspect asbestos containing materials (ACMs) were identified at the property, including roofing materials, wall and ceiling materials, ceiling tiles, vinyl floor tiles and mastic, pipe insulation, and furnace insulation. It was recommended that an asbestos survey be conducted, and if any ACMs were identified, they should be removed prior to any renovation or demolition.

- It was noted that lead-based paint could be present based upon the age of the buildings. It was recommended that a lead-based paint survey be conducted prior to demolition of the buildings.

➢ <u>May 21, 2001 Tank Decommissioning and Environmental Restoration Report</u>

FPM prepared a Tank Decommissioning and Environmental Restoration Report on May 21, 2001 documenting the results of the tank decommissioning and subsurface investigations that occurred in 2001 in association with redevelopment of the property. FPM identified a 1,500-gallon fuel oil AST in the basement of the building on Lot 47 and a buried 2,000-gallon #4 fuel oil AST was present in the former basement of the building formerly present on Lot 45. RND Services, Inc. (RND) was subcontracted to decommission the tanks prior to and during the planned demolition of the property buildings. Prior to decommissioning, the tanks were registered with the NYSDEC. Each tank was decommissioned by accessing the tank and removing and properly disposing the contents. Each emptied tank was then cut open and cleaned of any remaining adhering petroleum. The associated piping was also accessed and disconnected from the tanks. The wastes from the cleaning process were containerized, removed from the property, and properly disposed. The decommissioned tanks and piping were left at the property to be disposed during the demolition process as scrap metal. After tank decommissioning was completed, RND filed Affidavits of Closure for each of the ASTs with the FDNY.

Following the removal of all of the known tanks from the property, a geophysical survey was performed for the purpose of identifying potential buried tanks that may have remained. The survey resulted in the identification of one magnetic anomaly located on the northwest side of Lot 31. This anomaly was screened with the GPR and no subsurface voids were identified. An FPM representative excavated the anomaly and identified a 1-inch thick, 4-foot by 8-foot steel plate, which appeared to be

associated with the base of a former elevator. Below the steel plate was a 1-foot thick, 5-foot by 8-foot concrete slab. No indications of a tank were noted in association with this anomaly. No geophysical anomalies were identified on the remainder of the subject property.

- Asbestos Survey and Abatement

Hygenix, Inc. (Hygenix) performed an asbestos survey of the subject property in 1999 and 2000; the results were documented in a February 29, 2000 report. The survey identified various ACMs in the property buildings, including floor tiles, roofing materials, insulation board, pipe insulation, plaster debris, and sheetrock/joint compound.

Asbestos abatement was conducted in 2000 and 2001 during the demolition of the subject property buildings. Monitoring of the abatement was performed by Hygenix and the results are documented in a project monitor's final report (Hygenix, November 22, 2000 – March 17, 2001). Asbestos abatement was performed by Seasons Industrial. Air monitoring conducted, including post-abatement clearance samples, indicated that post-abatement criteria were met, as specified by New York City and State regulations. Visual inspection of each abated area together with post-abatement soil sampling results indicated that all of the identified ACMs and asbestos-contaminated soil had been removed from the subject property.

- October 2002 Phase I ESA Update

FPM performed a Phase I ESA Update for the subject property in October 2002. At that time, the subject property was identified as 163-169 East 125th Street and 148-160 East 126th Street, and was referenced by the following New York City Tax Map numbers: Manhattan, Block 1774 and part of Lots 30 (163 East 125th Street) and 31 (165-169 East 125th Street), and Lots 44 (160 East 126th Street), 45 (156-158 East 126th Street), 47 (154 East 126th Street), and 49 (148 East 126th Street). The subject property contained an asphalt-paved parking lot. The subject property was identified on the PBS database for the 2,000-gallon steel fuel oil tank that was removed in March 2001 from the 156-158 East 126th Street (Lot 45) property. There were no recommendations for further investigation at the subject property.

3.4 User-Provided Information

The previous investigations, discussed above, were provided by the User. FPM provided the User with a User Questionnaire to assist FPM in obtaining information about the subject property relevant to identifying RECs. Specialized knowledge or experience of the User with respect to the property and commonly known or reasonably ascertainable information about the property within the local community were specifically requested. FPM has not yet received the completed Questionnaire from the User.

The User informed FPM that no property purchase is contemplated. Therefore, information regarding the purchase price of the property relative to the fair market value of the property is irrelevant.

The User was requested to provide a copy of recorded land title records and judicial records concerning the property from which information could be obtained concerning environmental liens or activity and use limitations (AULs) that may be present. The User was also asked to provide any actual knowledge of environmental liens or AULs that may encumber the property. The User did not provide any of this information.

FPM understands that this Phase I ESA is being performed by the User in association with contemplated redevelopment of the property.

SECTION 4.0
PROPERTY RECONNAISSANCE

FPM personnel inspected the subject property on August 14, 2014. All areas of the property were accessible at the time of the inspection. A property representative accompanied FPM during the reconnaissance and was interviewed to obtain information regarding uses and physical characteristics of the property. Information obtained during the interview is included in the appropriate sections below. A photolog documenting current property conditions is included in Appendix C.

The subject property comprises approximately 22,500 square feet and is presently developed with an asphalt-paved parking lot. An attendant's booth is present in the center of the parking lot and a ramp for a sub-grade parking structure on the adjoining property to the south is present in the southeast corner of the property. A site plan depicting the current property features is shown in Figure 4.1.

Occupant/Operation:

The subject property is currently used as a parking lot.

Prior Occupants/Use:

The subject property was initially developed prior to 1896 with approximately four buildings occupied by the 29th Police Precinct on the western portion of the property and approximately 13 buildings ranging in size from one to five stories. Previous occupants and/or uses have included furniture storage, a furniture store, a printing store, a theatre, pharmaceutical manufacturing, offices, and residences.

Hazardous Substance/Petroleum Products Inventory:

No hazardous substances or petroleum products were noted on the subject property at the time of the inspection.

ASTs/USTs Inventory:

No visible evidence of any ASTs or USTs (fill pipes, vent pipes, supply lines) was noted during the site inspection. As noted in Section 3.3, the tanks associated with the previous property occupants have been removed and a geophysical survey did not find any anomalies associated with tanks.

Sanitary Waste Management

No evidence of any current or former onsite sanitary waste disposal systems was noted during the site inspection. A municipal sewer is available in the property vicinity.

Solid Waste Disposal:

No solid waste was noted during the site inspection. A cardboard compacter was noted in the southwest corner of the property. No staining, leakage, or other evidence of inappropriate disposal was noted in association with the compacter.

FPM GROUP

FIGURE 4.1
SITE PLAN

EAST 126th STREET,
NEW YORK, NEW YORK

Drawn By: H.C.	Checked By: G.H.	Date: 8/20/14

Drums/Unidentified Substance Containers:

No drums or unidentified substance containers were noted on the subject property at the time of the inspection.

Wells:

No wells were noted on the subject property at the time of the inspection. Public water supply is available in the subject property vicinity.

Heating, Ventilation and Cooling:

Presently there are no HVAC systems onsite.

PCB Electrical Components:

No potential PCB-containing electrical components were noted on the subject property at the time of the inspection.

Staining and Corrosion:

Minor staining associated with parked automobiles was noted on the asphalt-paved surface. This appears to be a de minimis condition.

Floor Drains and Sumps:

No floor drains or sumps were observed during the site inspection.

Stormwater Drainpools/Subsurface Drainage Structures:

Two solid-bottom stormwater catch basins were observed during the site inspection. No staining or other evidence of improper discharges was noted in association with these drains, which appear to be connected to the municipal sewer system.

Stressed Vegetation:

No stressed vegetation was observed at the subject property at the time of inspection. The subject property is fully paved.

Dumping:

No evidence of dumping was observed on the subject property at the time of inspection.

Disturbed Soil Mounding/Excavation:

No evidence of disturbed soil or excavation was observed at the subject property at the time of the inspection.

Radon:

Due to the depth to bedrock in the property area, radon does not appear to be a concern at the subject property. Based on the 1993 U.S. Geological Survey Open-file Report 93-292-B entitled "Geologic Radon Potential of EPA Region 2", the average indoor radon concentration in New York County is 1.4 picocuries per liter and is among the lowest concentrations in New York State**.** The USEPA recommends that action be taken to reduce radon concentrations if they exceed four picocuries per liter. Radon does not appear to be a concern at the subject property.

Radiation:

There was no indication that past or present property activities may have included the generation or storage of radiation sources at the subject property.

Adjoining Property Descriptions:

The subject property is surrounded by parcels utilized for residential and commercial purposes. A commercial building containing various stores and a New York State Department of Motor Vehicles (DMV) office adjoins the subject property to the south. A residential building with a Saenid Laundromat and various stores and restaurants on the first floor adjoins the subject property to the west. A Salvation Army Community Center adjoins the subject property to the east. Residential buildings adjoin the subject property to the north, across East 126th Street. Based on FPM's observations of the adjoining properties from the vantage point of the subject property and adjacent public roads, no visible environmental concerns were noted.

SECTION 5.0
FINDINGS AND CONCLUSIONS

5.1 Findings and Opinions

FPM has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 for the property located at East 126th Street, New York, New York. Any exceptions to, or deletions from, this practice are described in Section 5.2 of this report.

This assessment was used to identify the potential presence of Recognized Environmental Conditions (RECs), historic RECs (HRECs), controlled RECs (CRECs), and de minimis conditions in connection with the property. Any RECs, HRECs, CRECs, and/or de minimis conditions identified for the property are described below.

- The subject property occupies approximately 22,500 square feet on the south side of East 126th Street between Lexington Avenue and 3rd Avenue in the borough of Manhattan, and is referenced by the following New York City Tax Map number: Manhattan, Block 1774, Lot 48. The property is currently developed with an asphalt-paved parking lot. An attendant's booth is present in the center of the parking lot and a ramp for a sub-grade parking structure on the adjoining property to the south is present in the southeast corner of the property. The property is currently owned by Gotham Plaza Associates, LLC, which has owned the property since November 14, 2000. The property was previously owned by various private and commercial entities. The subject property is zoned for commercial use, including stores, theater, and retail, as C4-4D. The property is currently e-designated as E-201 for hazardous materials, air, and noise.

- The subject property was developed prior to 1896 with approximately four buildings occupied by the 29th Police Precinct on the western portion of the property and approximately 13 buildings ranging in size from one to five stories on the remainder of the property. In 1911 the subject property included the police precinct building, a two-story furniture storage building, a five-story dwelling, a five story dwelling with a printing store, a five-story store building, and a theater building. Between 1951 and 1968 the theatre stopped operating. In 1965 a pharmaceutical manufacturer occupied the first floor of one of the buildings. Between 1969 and 1979 several buildings were removed from the subject property, leaving only the furniture storage building and the theatre. Between 1996 and 2001 the remaining buildings were removed from the subject property and between 2002 and 2003 the property was redeveloped with a parking lot.

- Groundwater is estimated to flow to the northeast toward the Harlem River, which is located approximately one-quarter mile to the northeast and is the only natural surface water body within one mile of the subject property.

- FPM performed a Phase I ESA for the subject property in January 1999 at which time the subject property was identified as 163-169 East 125th Street and 148-160 East 126th Street, and was referenced by the following New York City Tax Map numbers: Manhattan, Block 1774 and part of Lots 30 (163 East 125th Street) and 31 (165-169 East 125th Street), and Lots 44 (160 East 126th Street), 45 (156-158 East 126th Street), 47 (154 East 126th Street), and 49 (148 East 126th Street). The subject property contained a four-story building formerly occupied by a theater, a vacant three-story building, a guard house, a shed, storage containers, and gravel parking areas. A 2,000-gallon abandoned AST was present below the floor joists of the building on Lot 47. A 2,000-gallon #4 fuel oil AST was reported to be present in the basement of the building formerly present on Lot 45. A hydraulic lift elevator (previously removed) was used in the Lot 47 building.

It was not known whether the AST associated with the elevator was removed. An investigation of the tanks was recommended and removal of all ASTs no longer in service was also recommended. Suspect ACMs were identified in the remaining buildings and an asbestos survey and abatement were recommended.

- Tank decommissioning and subsurface investigations occurred in 2001, as documented in a Tank Decommissioning and Environmental Restoration Report (FPM, May 21, 2001). A 1,500-gallon fuel oil AST in the basement of the building on Lot 47 and a buried 2,000-gallon #4 fuel oil AST in the former basement of the building on Lot 45 were decommissioned and removed in association with demolition of the property buildings. Affidavits of Closure for each of the ASTs were filed with the FDNY. Following the removal of all of the known tanks, a geophysical survey was performed to identify potential tanks that may have remained. The survey did not identify any remaining tanks on the subject property.

- Asbestos abatement was conducted in 2000 and 2001 during the demolition of the subject property buildings. Air monitoring, including post-abatement clearance samples, indicated that post-abatement criteria were met, as specified by New York City and State regulations. Visual inspection of each abated area together with post-abatement soil sampling results indicated that all of the identified ACMs and asbestos-contaminated soil had been removed from the subject property.

- A Phase I ESA Update was performed for the subject property in October 2002. At that time the subject property contained an asphalt-paved parking lot. The subject property was identified on the PBS database for the 2,000-gallon steel fuel oil tank that was removed in March 2001 from the 156-158 East 126th Street (Lot 45) portion of the property. There were no recommendations for further investigation at the subject property.

- The subject property is identified on the RCRA NLR and PBS databases. A 2,000-gallon steel #2 fuel oil tank was removed from the site in March 2001; no spills were identified in association with this tank. Con Edison service box #20848 (EPA ID #NYP004298006) was identified as a conditionally-exempt small-quantity generator of unspecified hazardous waste in April 2013. No RCRA violations or enforcement actions were noted and this location is presently a non-generator. The subject property is also identified as being e-designated (E-201) for air quality (#2 fuel oil or natural gas heat and hot water), exhaust stack location limitations, underground gasoline storage tanks testing protocol, and window wall attenuation & alternate ventilation. The subject property was not identified on any of the other environmental databases and none of the identified environmental sites appears to pose a concern for the subject property.

- Two solid-bottom stormwater catch basins were observed during the site inspection. No staining or other evidence of improper discharges was noted in association with these drains, which appear to be connected to the municipal sewer system.

- Minor staining associated with parked automobiles was noted on the asphalt-paved surface. This appears to be a de minimis condition.

- A cardboard compacter was noted in the southwest corner of the property. No staining, leakage, or other evidence of inappropriate disposal was noted in association with the compacter.

- No indications of current or former onsite sanitary waste disposal systems were noted at the property. The municipal sewer system is available in the subject property vicinity.

- No ASTs/USTs, HVAC systems, drums, unidentified containers, hazardous substances, floor drains, wells, PCB electrical components, corrosion, stressed vegetation, disturbed soil mounding, excavations, or evidence of potential radiation were observed at the subject property during the inspection.

- The subject property is adjoined by properties utilized for residential and commercial purposes. No visible environmental concerns were noted.

- The potential for hazardous substances or petroleum products to migrate at the property in any form (solid and liquid at the surface and in the subsurface, and vapor in the subsurface) was evaluated. Based on the available information, it does not appear that hazardous substances and/or petroleum products are present at the surface or subsurface of the subject property. As noted in Section 3.1, between 1939 and 1951 one of the buildings on the property to the north (across East 126th Street) was noted to be a cleaners and dyers and had two solvent tanks. No release was noted for this property, which is located downgradient and across the street from the subject property. Therefore, it is unlikely that hazardous substances could migrate onto the subject property.

5.2 Deviations and Data Gaps

The only identified deviations and/or data gaps that may affect our ability to identify RECs, HRECS, and/or CRECS are as follows:

- Records regarding the subject property were requested from the FDNY, NYCDEP, NYCDOH, and NYSDEC. Final responses have not yet been received from these agencies. Although some of these agencies may maintain pertinent information, much of the anticipated information has been provided from other sources, including past records searches at these agencies. Therefore, this data gap is not considered significant.

- The User has not reported a purchase price or provided an appraised value for the subject property. However, this information is not relevant as a property purchase is not contemplated. The User has also not provided any information regarding environmental liens for the property. However, none of the information obtained throughout the course of this Phase I ESA suggests that environmental liens may be present. Therefore, these data gaps are not considered significant.

5.3 Conclusions and Recommendations

Based on the findings and opinions, and considering the deviations, limitations, and data gaps, FPM has identified no RECs, HRECS, and/or CRECS for this property.

As the property is e-designated, a Phase II investigation will be necessary. It is recommended that a Phase II Investigation Work Plan be developed in accordance with the requirements of the NYC Office of Environmental Remediation and that the Phase II Work Plan be submitted to the NYC Office of Environmental Remediation, together with this Phase I ESA Report, for review and approval.

SECTION 6.0
DISCLAIMER

Observations and conclusions in this report are limited to those areas addressed in the study and represent our best judgment using the practices set forth in the ASTM Standard with which this report complies, as well as our past experience. Our investigation has been scientific and thorough; however, it is possible that certain areas of this property may pose environmental concerns that are, as yet, undiscovered. The following considerations apply to this report:

- A Phase I ESA is a non-invasive evaluation. No sample collection or subsurface analysis was conducted at the subject property as part of this Phase I ESA unless expressly detailed in this report.

- This Phase I ESA is based on the version of the ASTM Standard for Phase I ESAs (E 1527) under which it was prepared, as specified in Section 1 of this report, and other current environmental regulations as detailed herein. Future changes in environmental regulations and/or regulatory agency guidance may affect the interpretations and conclusions in this report.

- Asbestos-containing building materials, lead-based paint, mold, and indoor air quality are considered non-scope issues under the ASTM Standard for Phase I ESAs. This report does not address these potential environmental issues except as expressly described herein.

- Information acquired and evaluated during this Phase I ESA was provided by others. In accordance with the ASTM Standard, FPM is not required to independently verify the accuracy of provided information but may rely on this information unless we have additional information that indicates that the provided information is incorrect.

- This Phase I ESA report is dated, and the findings contained herein are based on the visible conditions existing at the subject property on the date of the inspection and as indicated in the provided information. Alterations of the subject property that may occur subsequent to the date of this report are not addressed herein.

- This Phase I ESA report is subject to the Terms and Conditions of the contract under which it was prepared.

SECTION 7.0
REFERENCES

American Society for Testing and Materials (ASTM). 2013. *Designation: E 1527-13. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* Copyright ASTM, West Conshohocken, PA.

City of New York Fire Department. 2014. *Records pertaining to the subject property.*

Department of City Planning, City of New York. 2014. *Zoning information pertaining to the subject property.*

Environmental Data Resources Inc. *The EDR Radius Map Report and Certified Sanborn Map Report– August 2014*.

FPM Group. January 1999. *Draft Phase I Environmental Site Assessment for the Property at 149-169 East 125th Street and 148-160 East 126th Street, New York, New York.*

FPM Group. May 21, 2001. *Tank Decommissioning and Environmental Restoration Report.*

FPM Group. October 2002. *Phase I Environmental Site Assessment Update for the Gotham Plaza Property Located at 149-169 East 125th Street and 148-160 East 126th Street, New York, New York.*

Google Earth website. 2014. *Aerial photograph pertaining to the subject property.*

Hygenix, Inc. February 29, 2000. *Asbestos Survey Report, Block 1744, 125th Street, New York, New York.*

Hygenix, Inc. November 22, 2000 – March 17, 2001. *Asbestos Abatement Project, Project Monitor's Final Report, Gotham Plaza, 149-169 East 125th Street, Harlem, New York.*

New York City Department of Buildings. 2014. *Records pertaining to subject property.*

New York City Department of Environmental Protection. 2014. *Records pertaining to subject property.*

New York City Department of Finance, New York County Office of the City Register. 2014. *Ownership records pertaining to the subject property.*

New York City Department of Health. 2014. *Records pertaining to subject property.*

New York State Department of Environmental Conservation. 2014. *Records pertaining to the subject property*.

Schumann, R.R.(ed). 1993. *Geologic Radon Potential of EPA Region 2 (New Jersey and New York). Open-File Report 93-292-B. U.S. Department of the Interior, U.S. Geological Survey, U.S. Environmental Protection Agency.*

United States Environmental Protection Agency. 2014. *Records pertaining to the subject property*.

U.S. Department of the Interior. 1966, photorevised 1979. *Central Park, NY-NJ 15' Quadrangle*. *U.S. Geological Survey, National Mapping Division. Reston, VA.*

U.S. Geological Survey. 2001. *Water Table of the Upper Glacial Aquifer on Western Long Island, New York, in March-April 2000.*

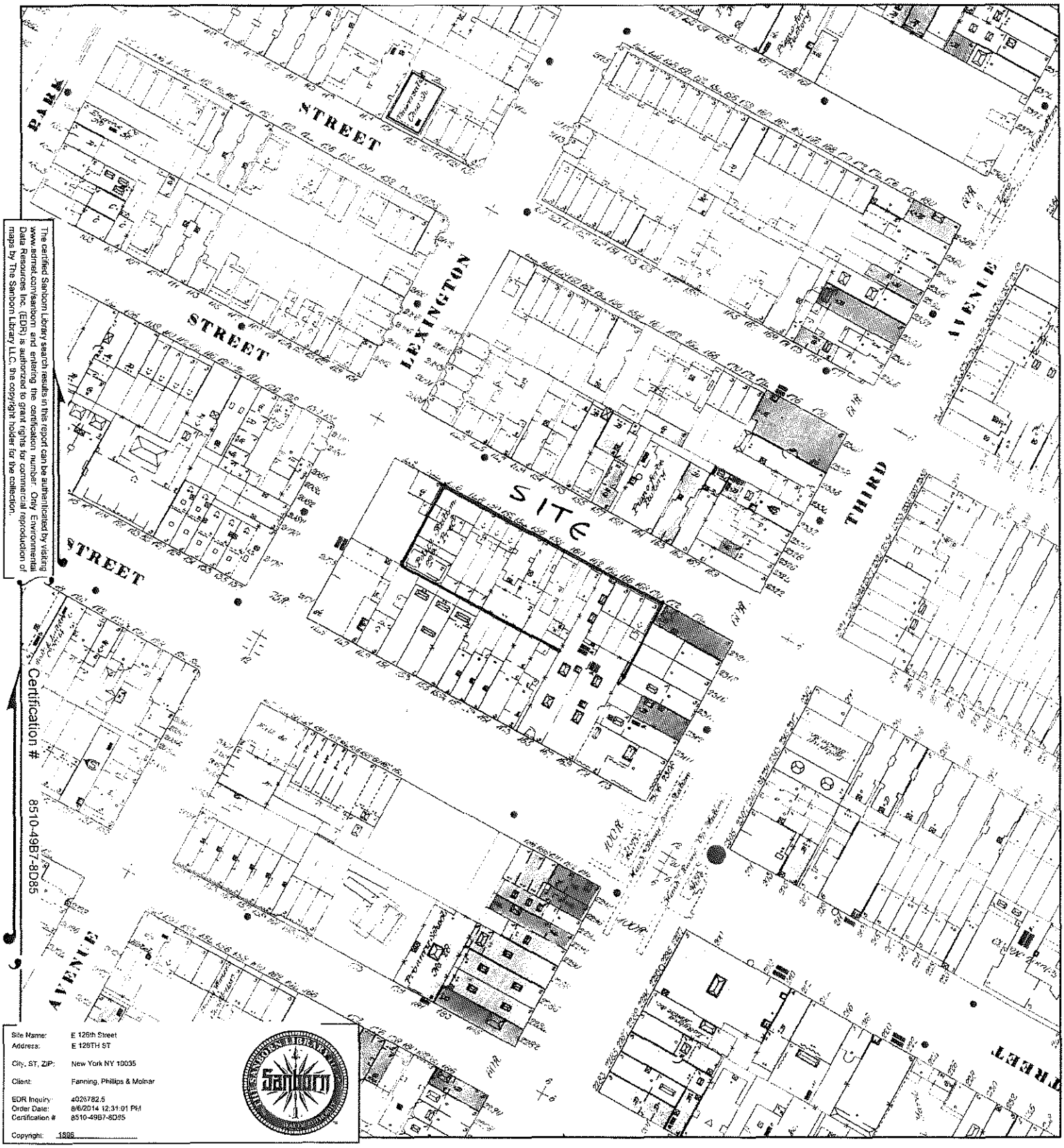
U.S. Geological Survey. 1990. *Bedrock and Engineering Geology Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey. Open-File Report 89-462.*

User. 2014. Information pertaining to the subject property.

APPENDIX A

LOCAL RECORDS

1896 Certified Sanborn Map

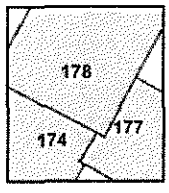


Certification # 8510-49B7-8D85

Site Name: E 126th Street
Address: E 126TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4026782.5
Order Date: 8/6/2014 12:31:01 PM
Certification #: 8510-49B7-8D85
Copyright: 1896

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

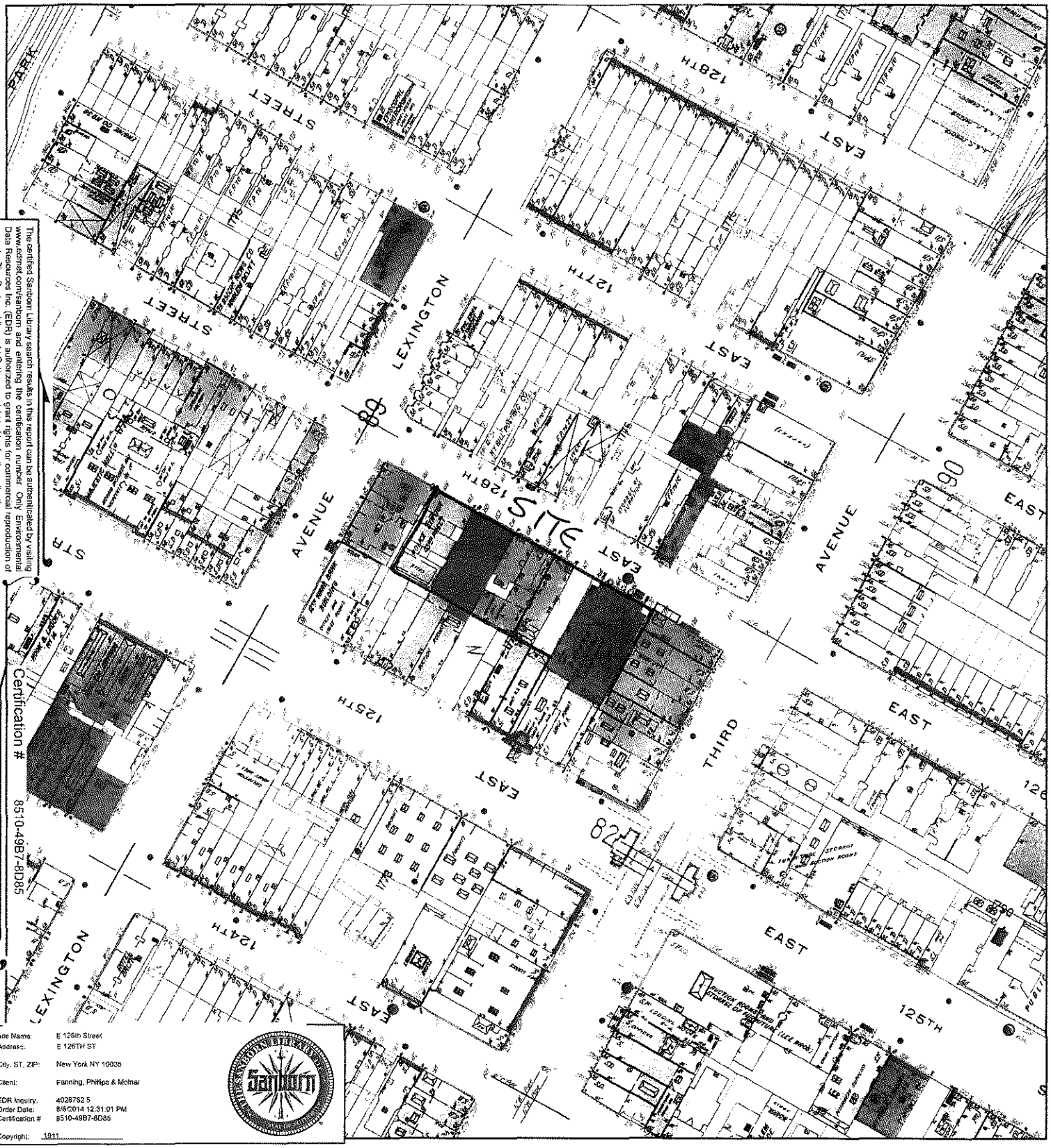
0 Feet 150 300 600



Volume 8N, Sheet 174
Volume 8N, Sheet 177
Volume 8N, Sheet 178

N

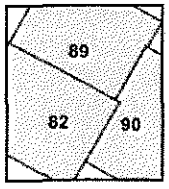
1911 Certified Sanborn Map



Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #:	8510-49B7-8D85
Copyright:	1911

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

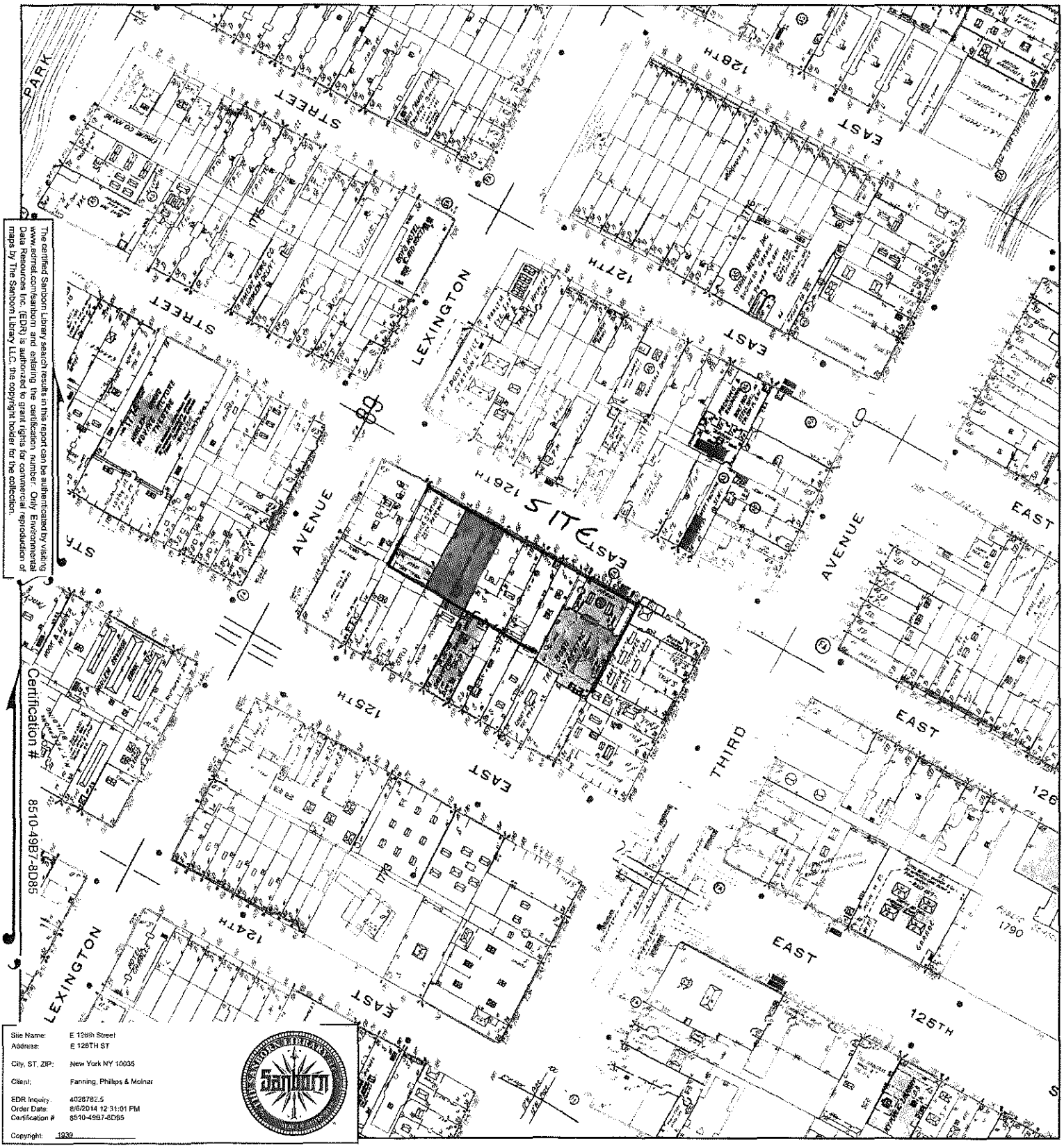


Volume 8N, Sheet 89
Volume 8N, Sheet 90
Volume 8N, Sheet 82

0 Feet 150 300 600

N

1939 Certified Sanborn Map

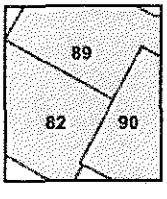


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name: E 126th Street
Address: E 126TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4028782.5
Order Date: 8/6/2014 12:31:01 PM
Certification #: 8510-49B7-8D85
Copyright: 1939

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

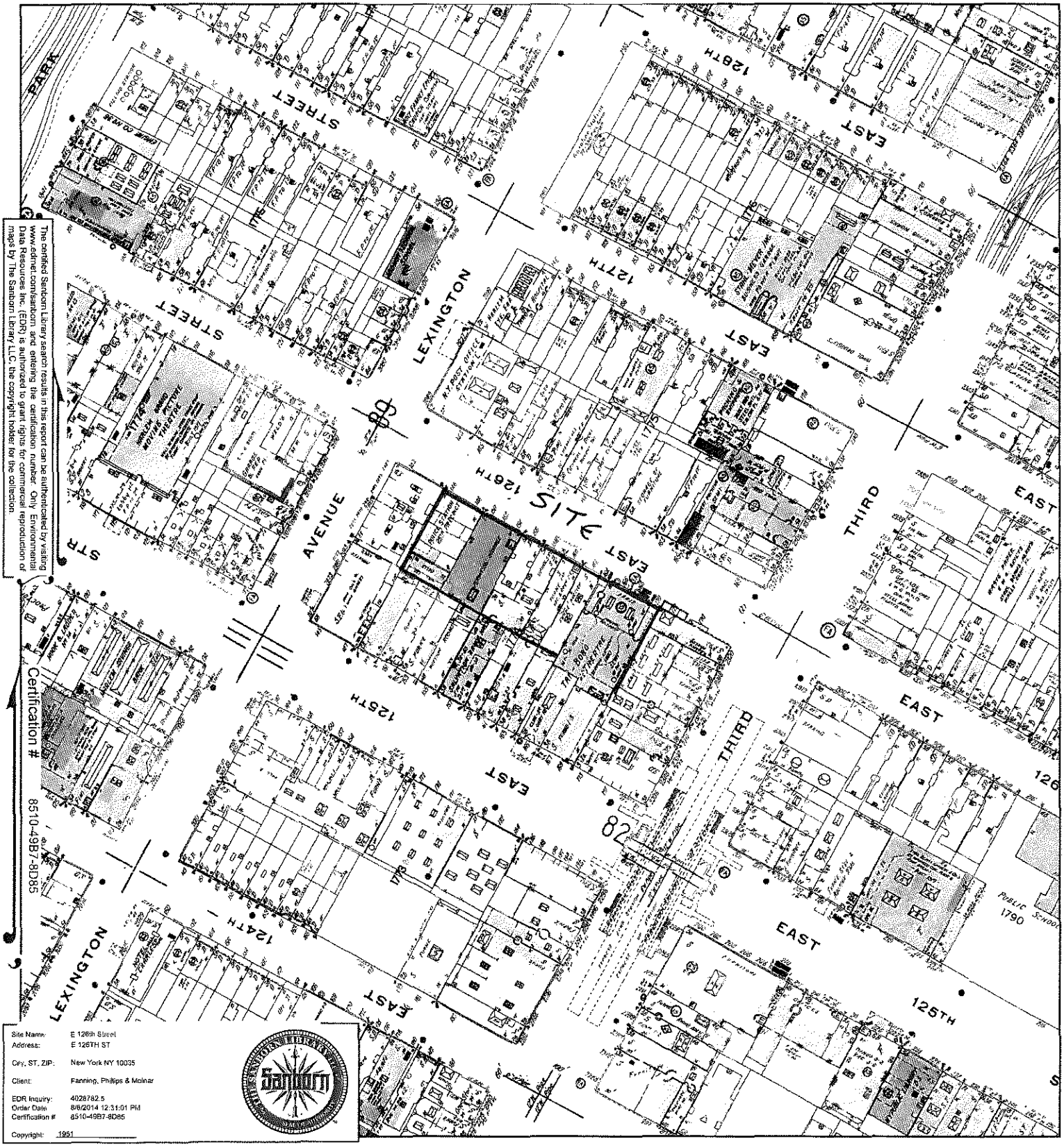


Volume 8N, Sheet 89
Volume 8N, Sheet 82
Volume 8N, Sheet 90

0 Feet 150 300 600

N

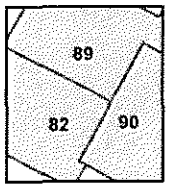
1951 Certified Sanborn Map



Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #:	8510-49B7-8D85
Copyright:	1951

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

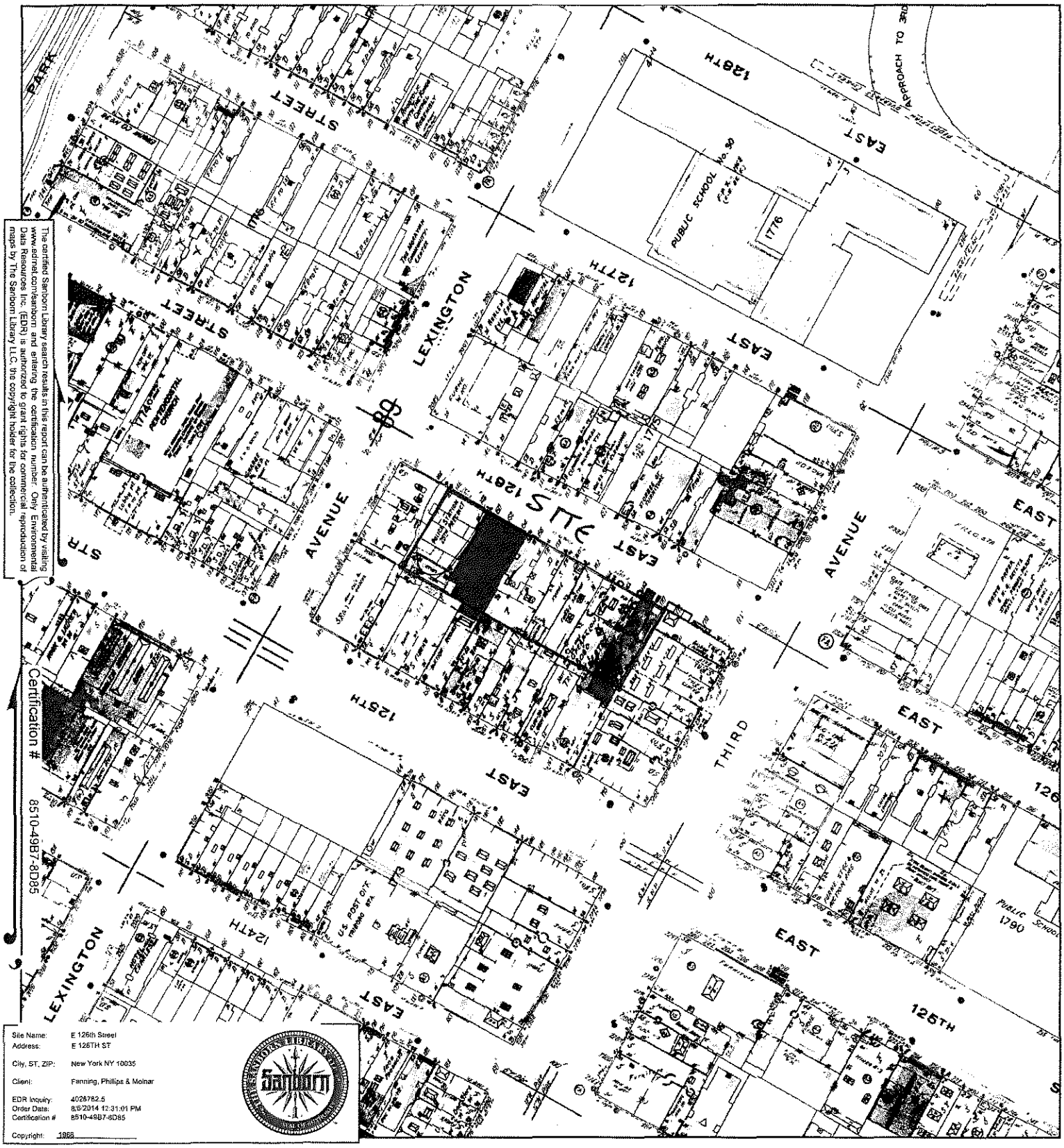


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

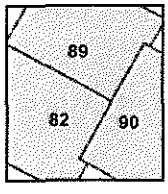
1968 Certified Sanborn Map



Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #	8510-49B7-8D85
Copyright:	1968

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

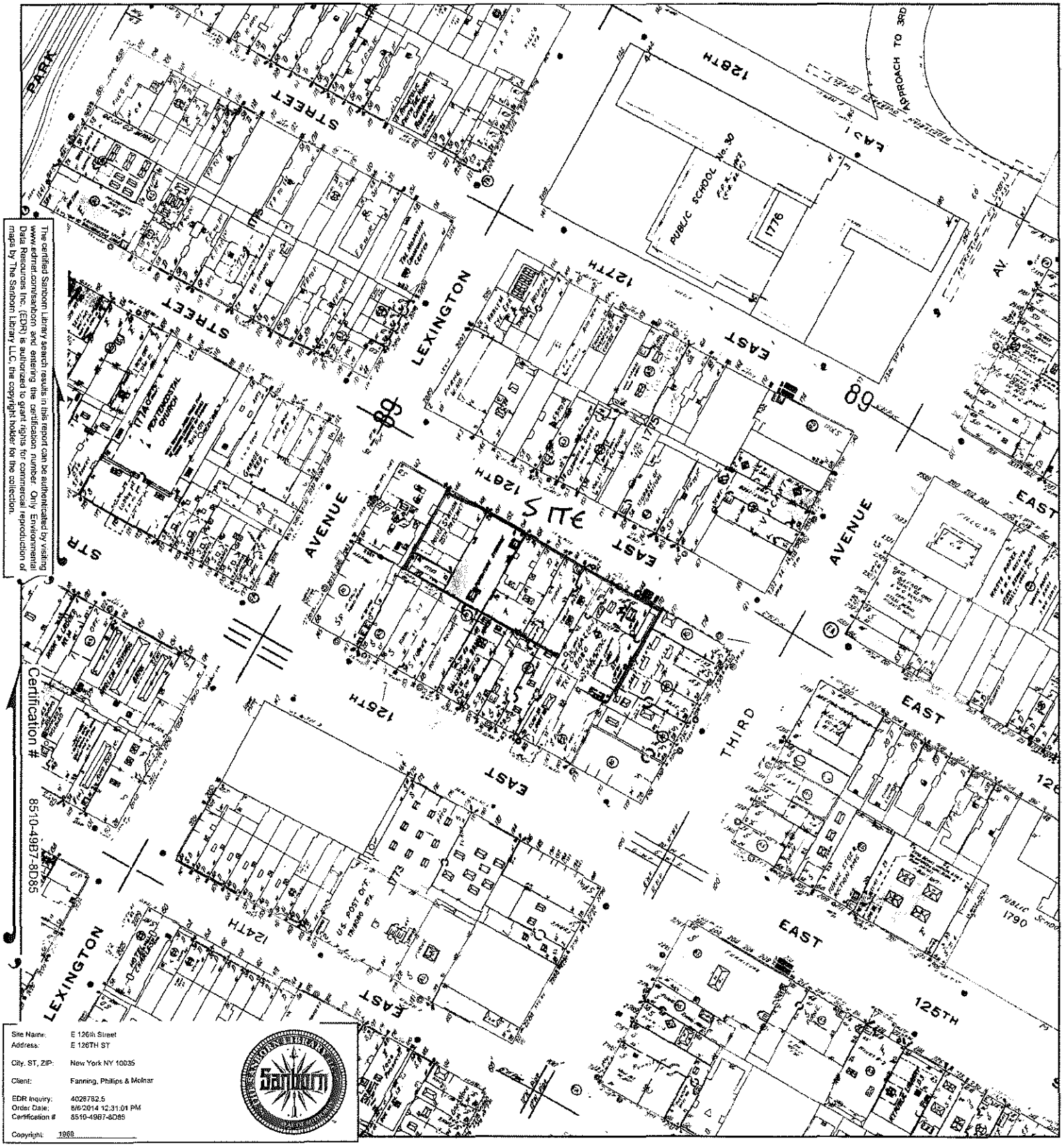


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

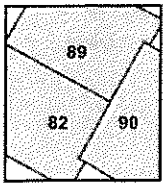
1969 Certified Sanborn Map



Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #	8510-49B7-8D85
Copyright:	1969

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

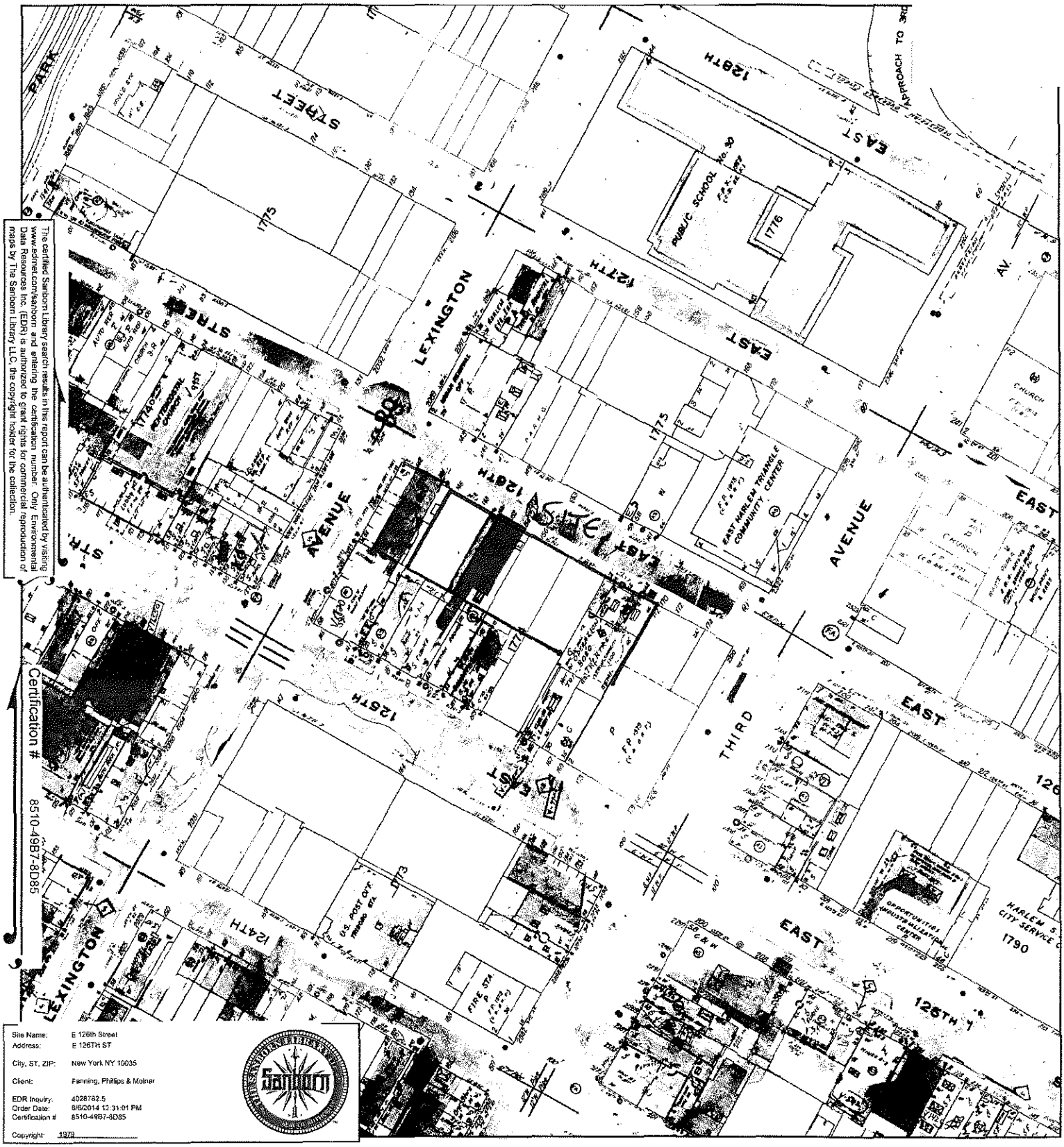


Volume 8N, Sheet 90
Volume 8N, Sheet 82
Volume 8N, Sheet 89

0 Feet 150 300 600

N

1979 Certified Sanborn Map

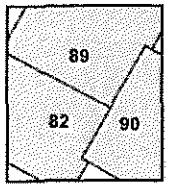


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name: E 126th Street
Address: E 126TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4028782.5
Order Date: 8/6/2014 12:31:01 PM
Certification # 8510-49B7-8D85
Copyright: 1979

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

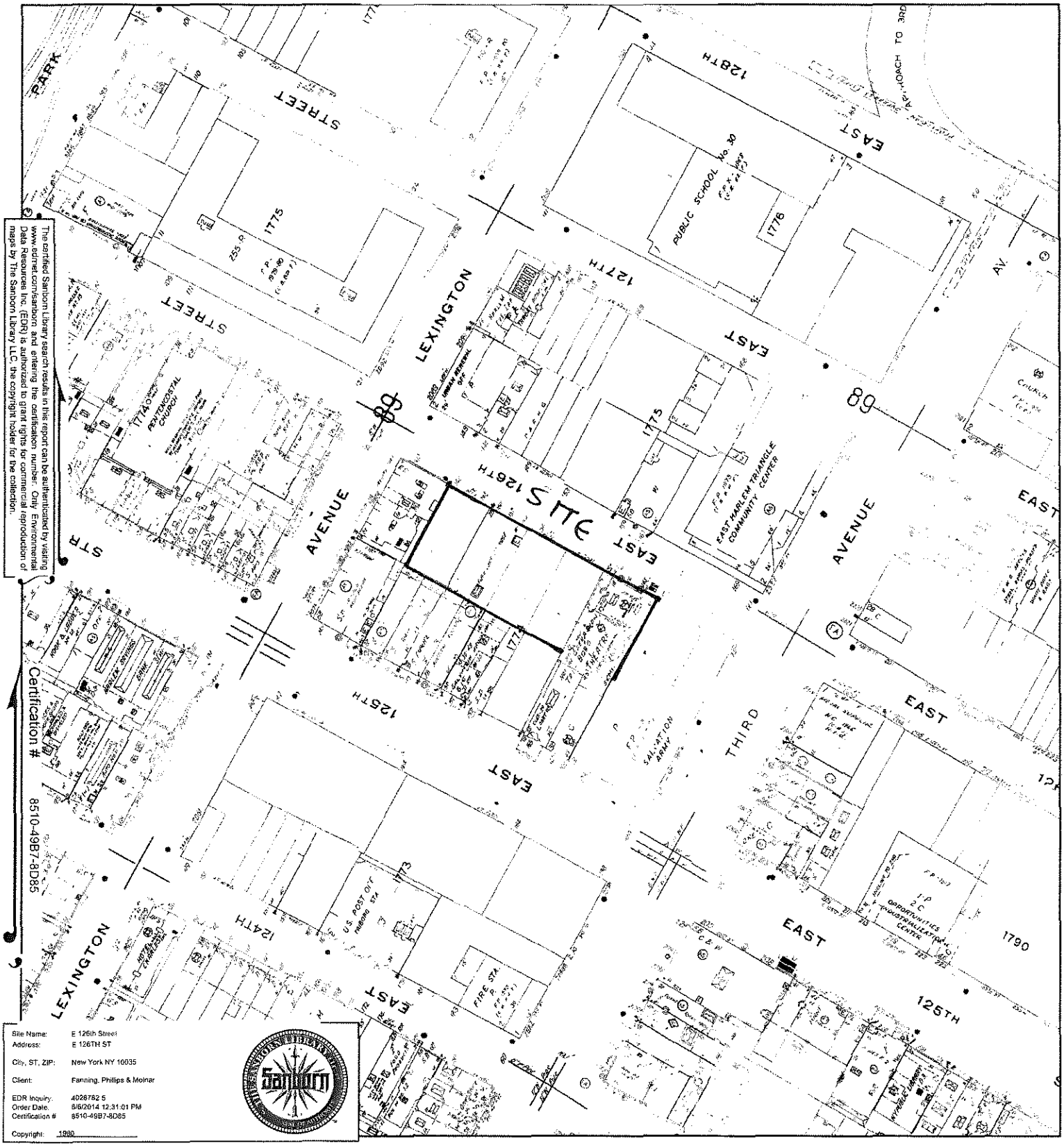


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

1980 Certified Sanborn Map

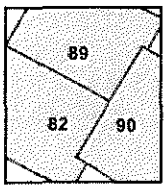


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn, and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #:	8510-49B7-8D85
Copyright:	1980

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

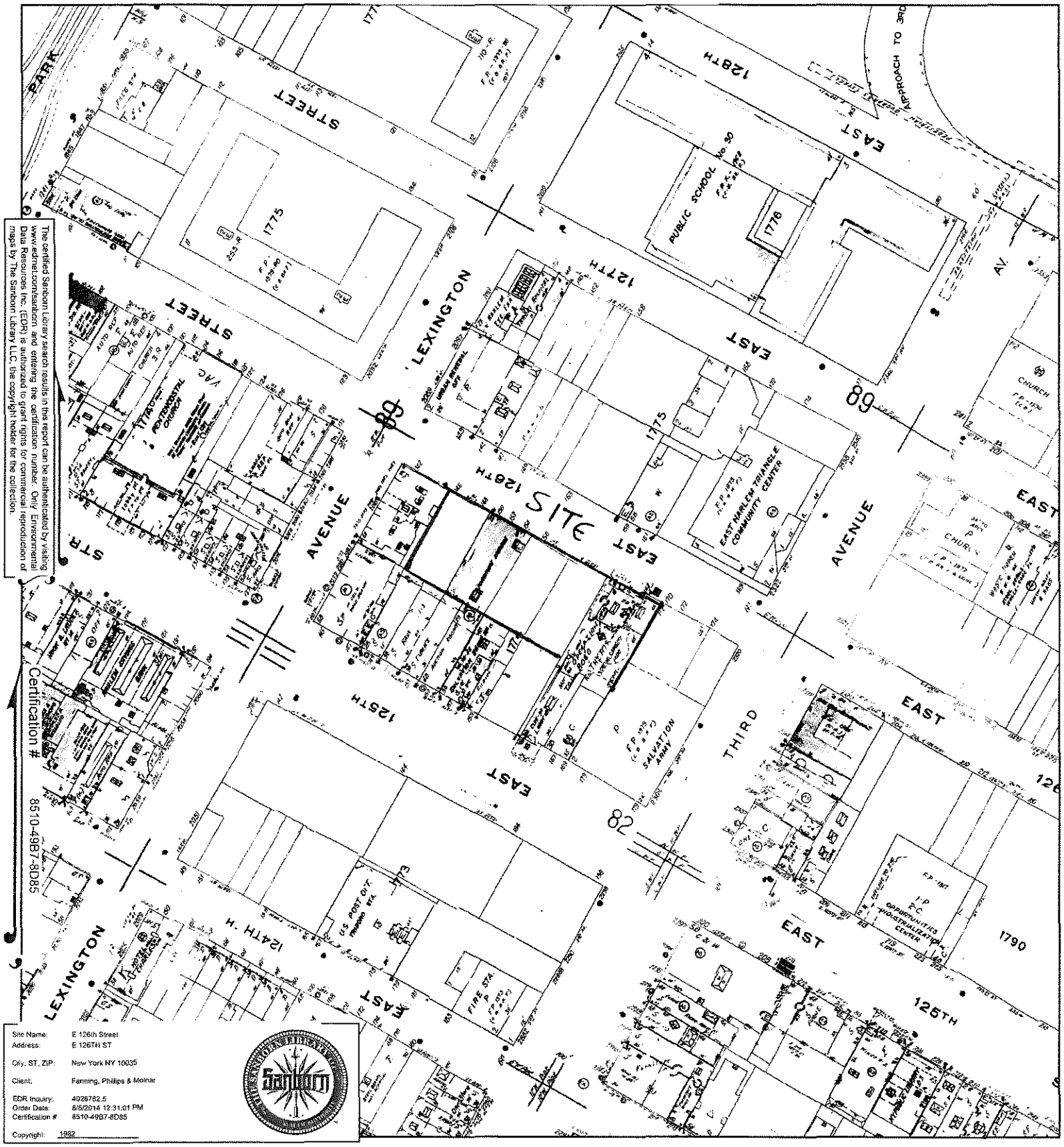


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

1982 Certified Sanborn Map

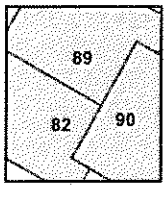


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn, and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #
8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #	8510-49B7-8D85
Copyright:	1982

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

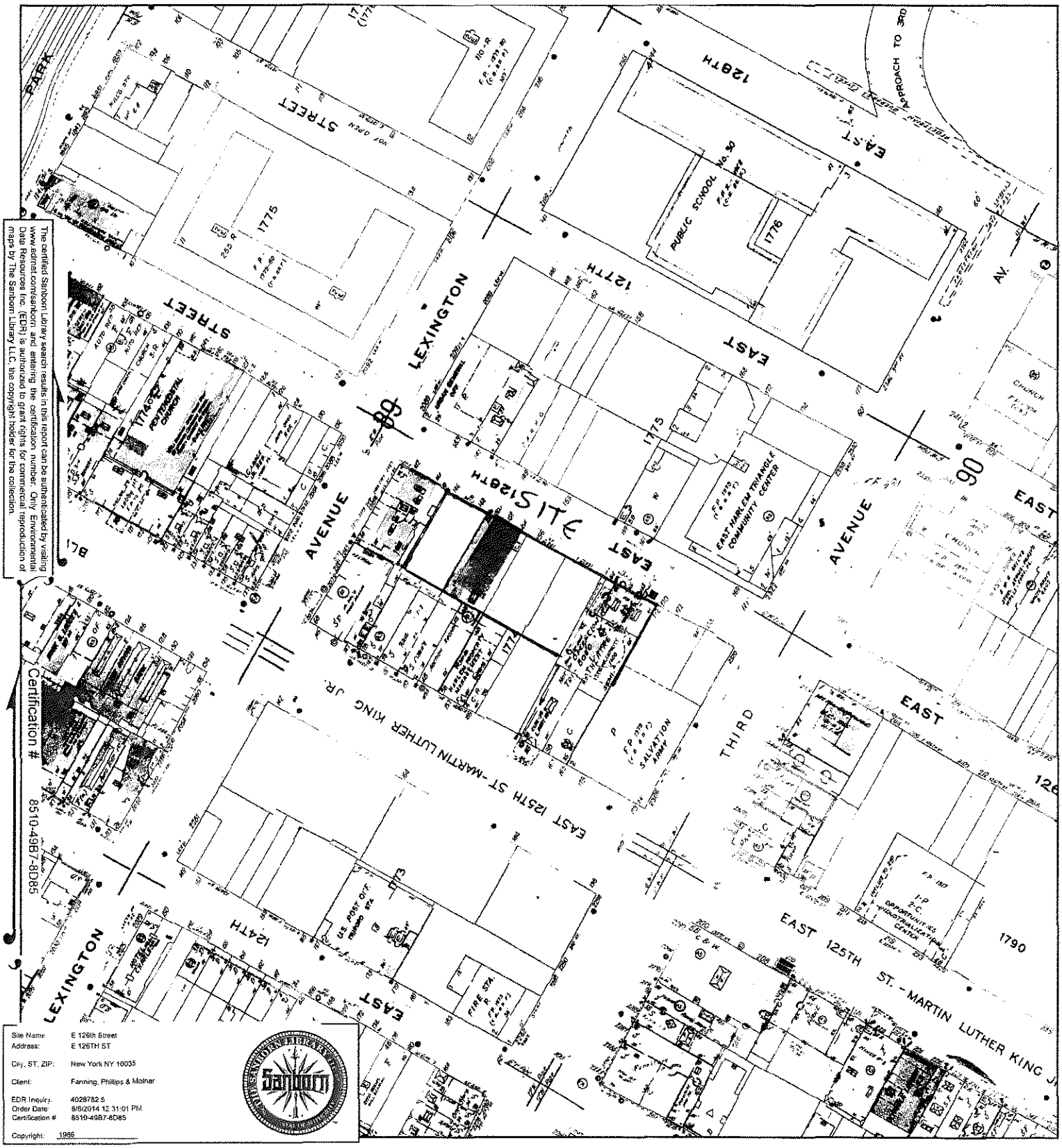


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

1986 Certified Sanborn Map

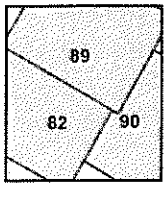


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/8/2014 12:31:01 PM
Certification #:	8510-49B7-8D85
Copyright:	1986

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

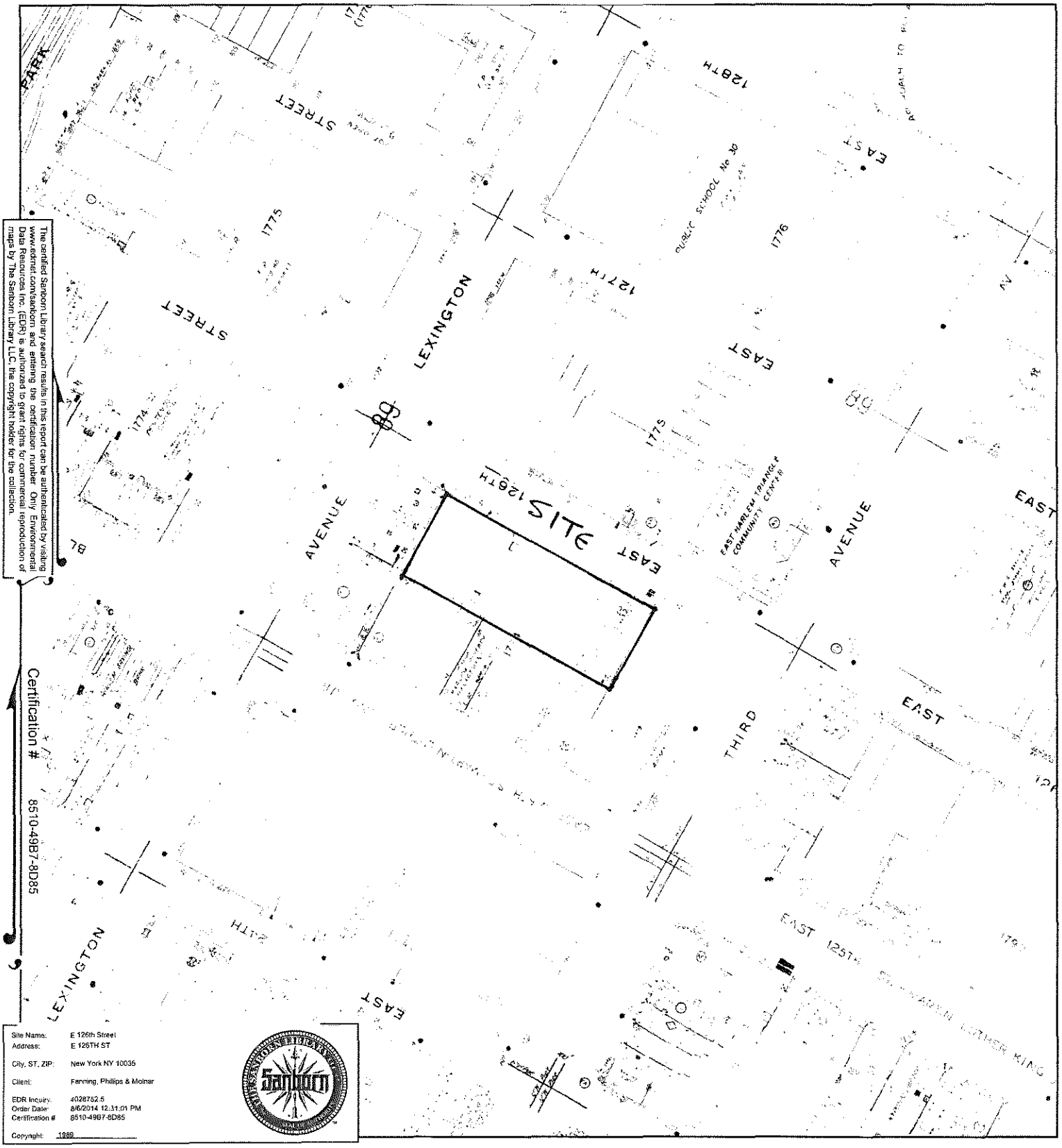


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

1989 Certified Sanborn Map

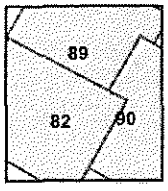


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn, and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #	8510-49B7-8D85
Copyright:	1989

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

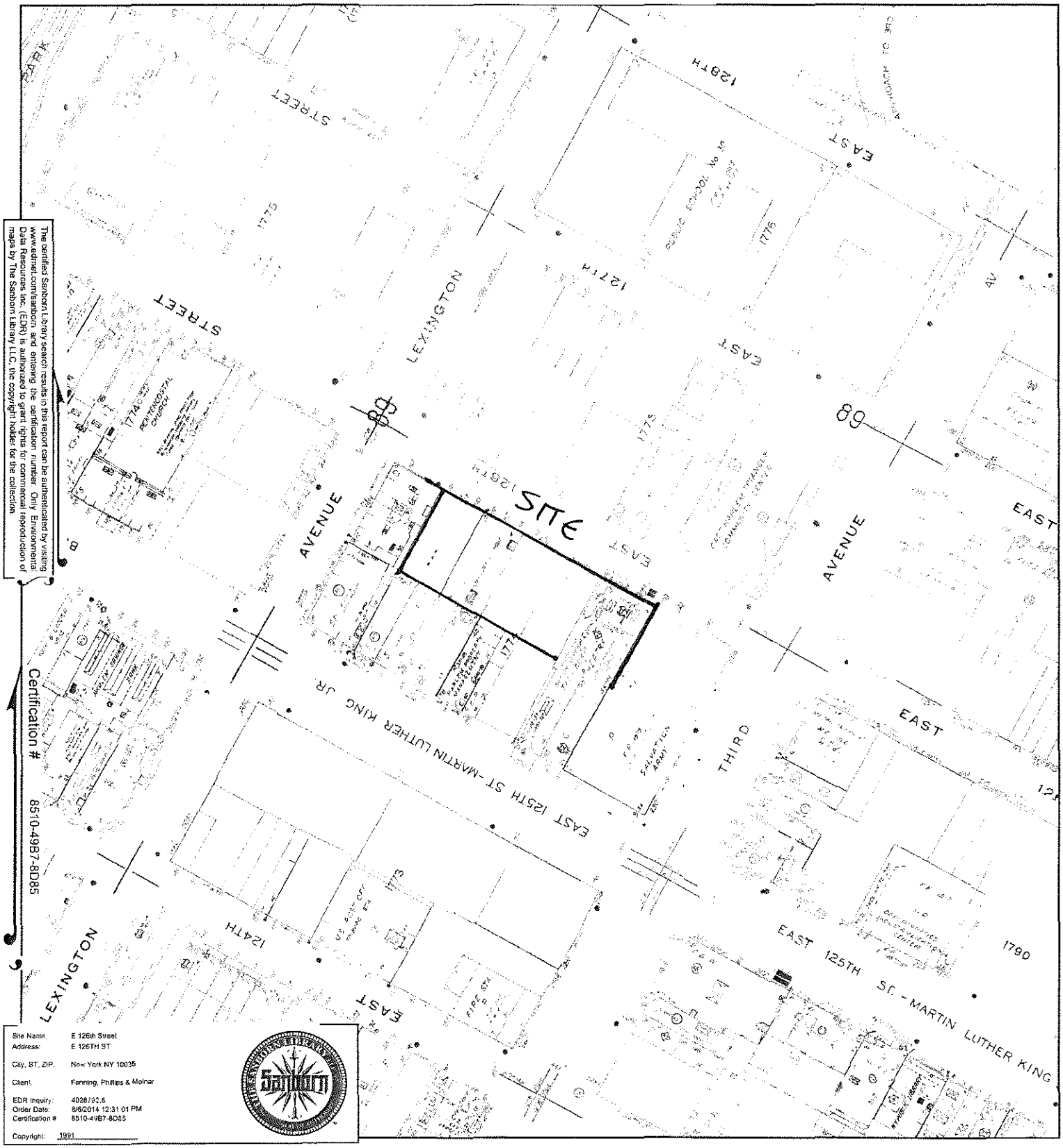


Volume 8N, Sheet 89
Volume 8N, Sheet 90
Volume 8N, Sheet 82

0 Feet 150 300 600

N

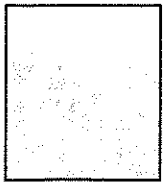
1991 Certified Sanborn Map

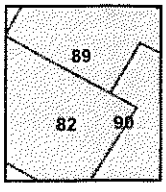


Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #:	8510-49B7-8D85
Copyright:	1991

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



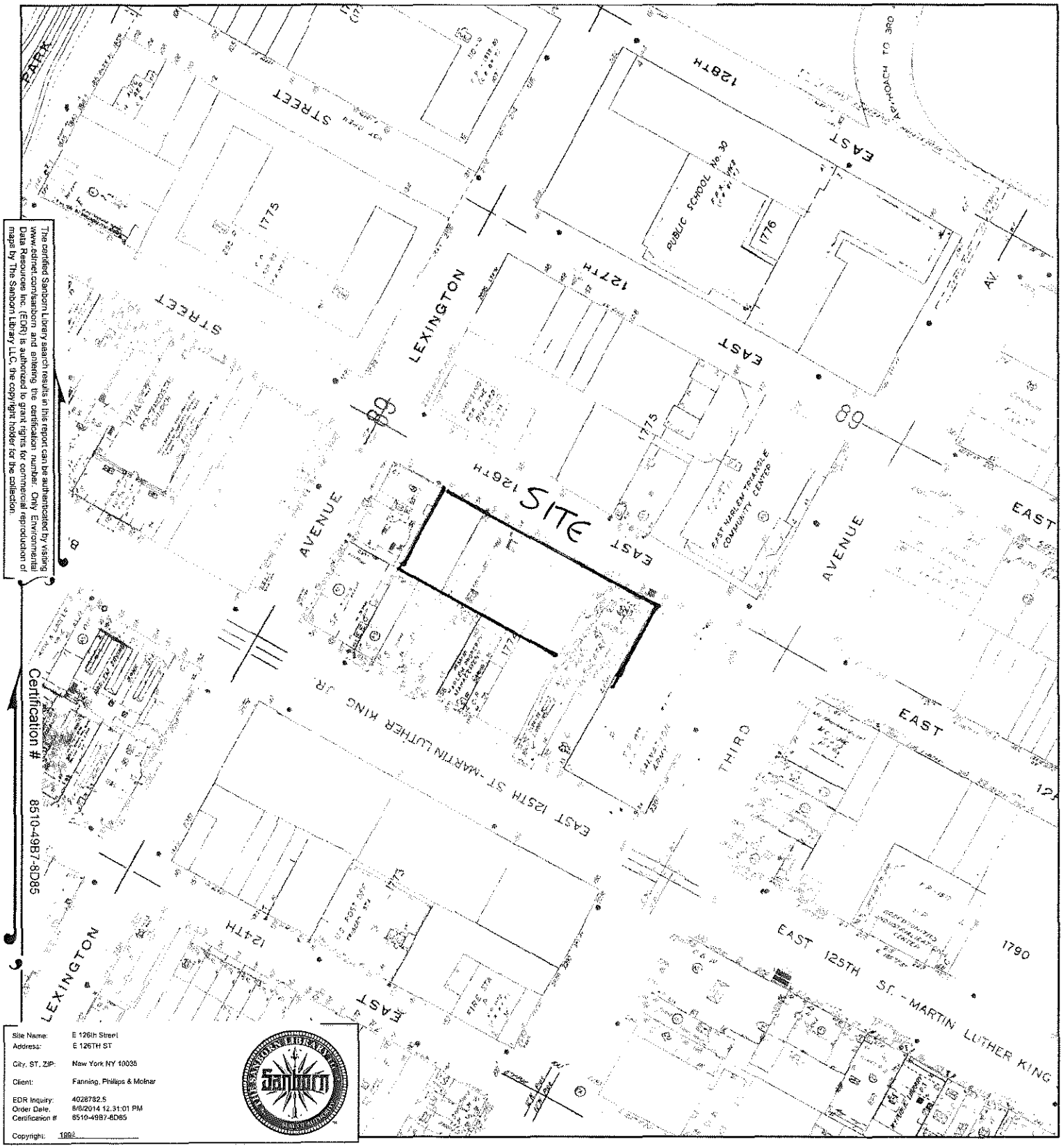


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

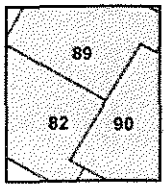
1992 Certified Sanborn Map



Certification # 8510-49B7-8D85

Site Name: E 126th Street
Address: E 126TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4028782.5
Order Date: 8/6/2014 12:31:01 PM
Certification #: 8510-49B7-8D85
Copyright: 1992

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

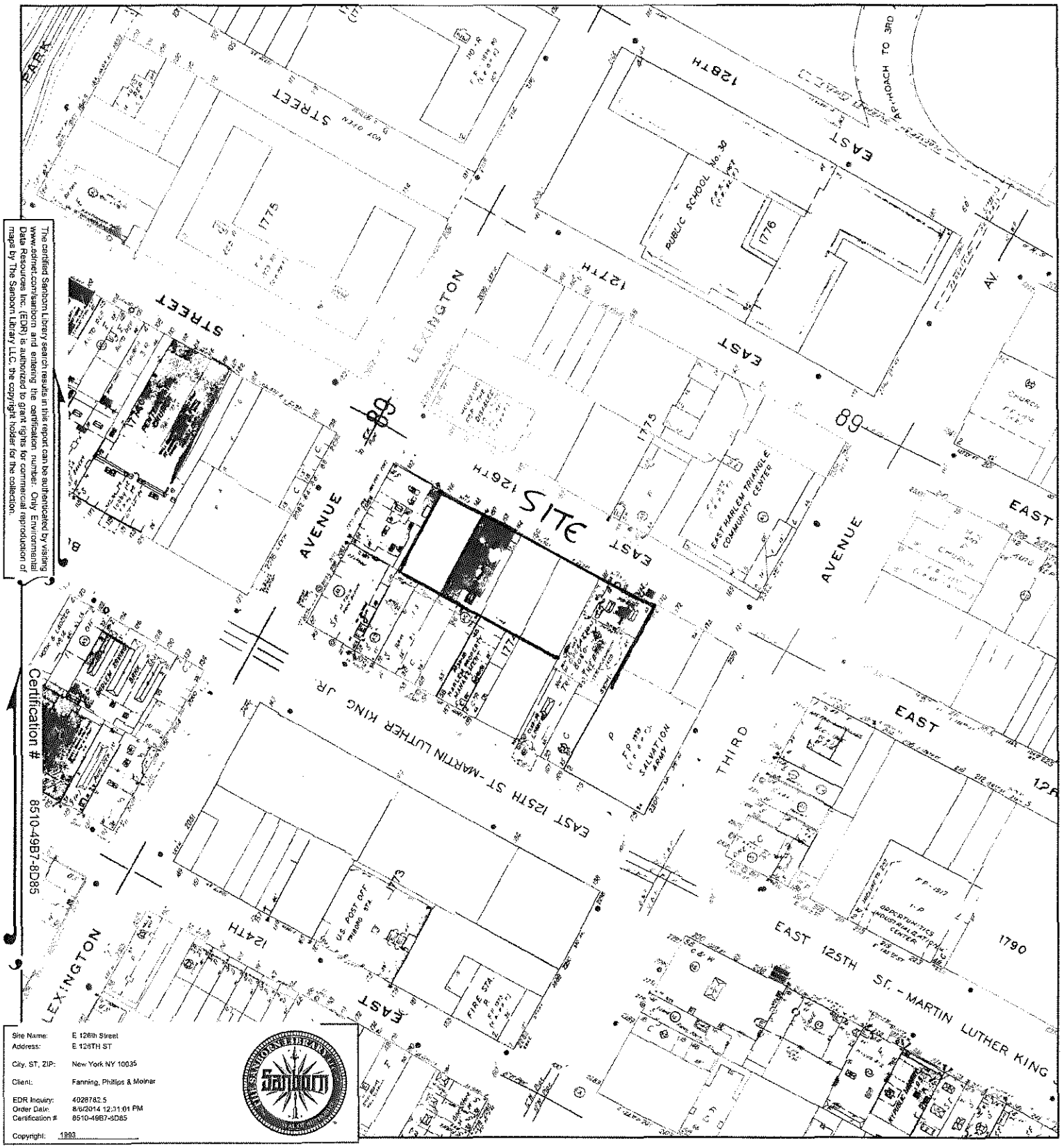


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

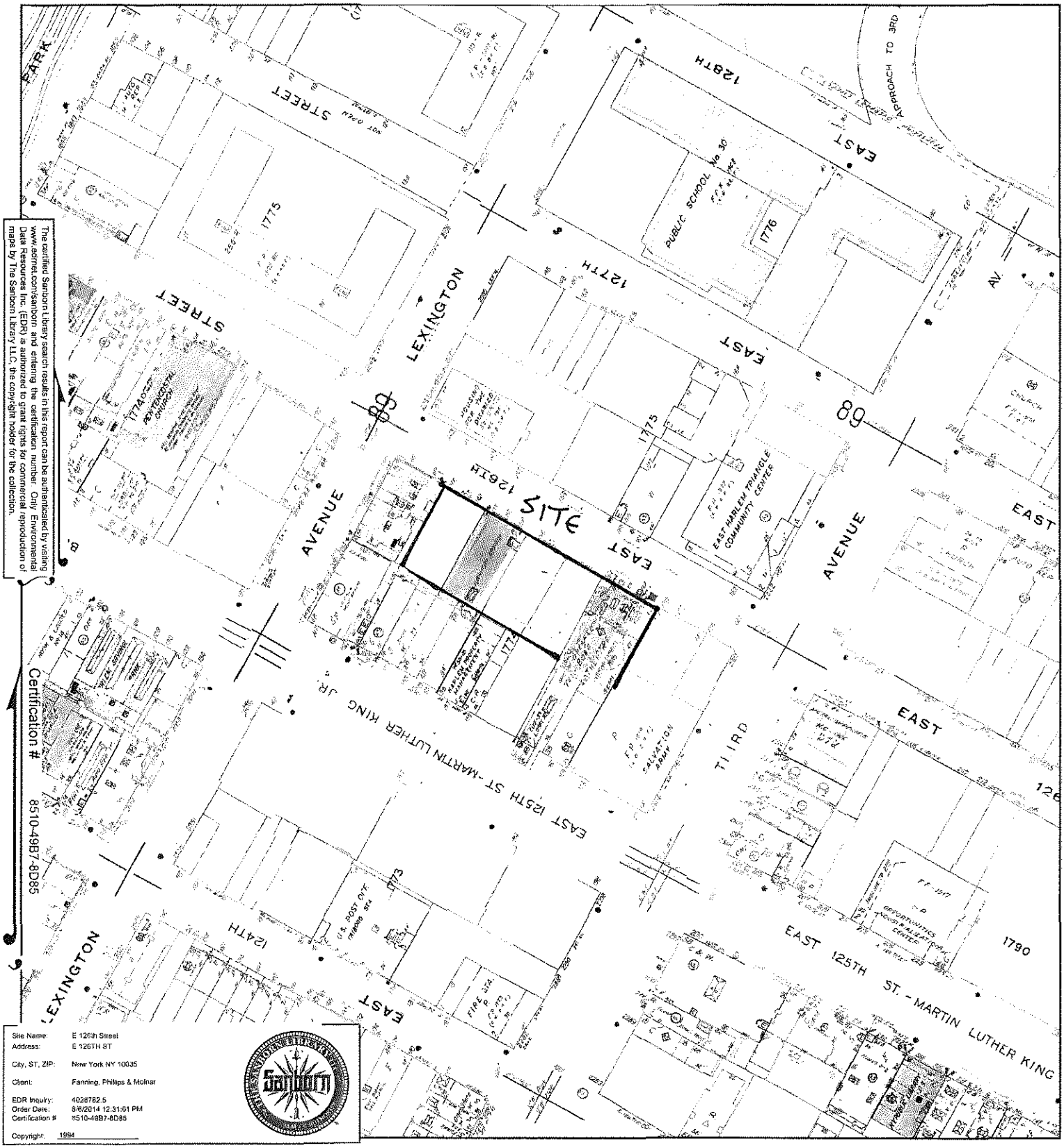
1993 Certified Sanborn Map



Certification # 8510-49B7-9D85

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

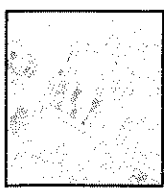
1994 Certified Sanborn Map

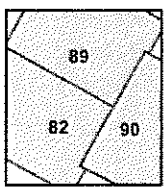


Certification # 8510-49B7-8D85

Site Name: E 126th Street
Address: E 125TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4028782.5
Order Date: 8/6/2014 12:31:01 PM
Certification #: 8510-49B7-8D85
Copyright: 1994

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



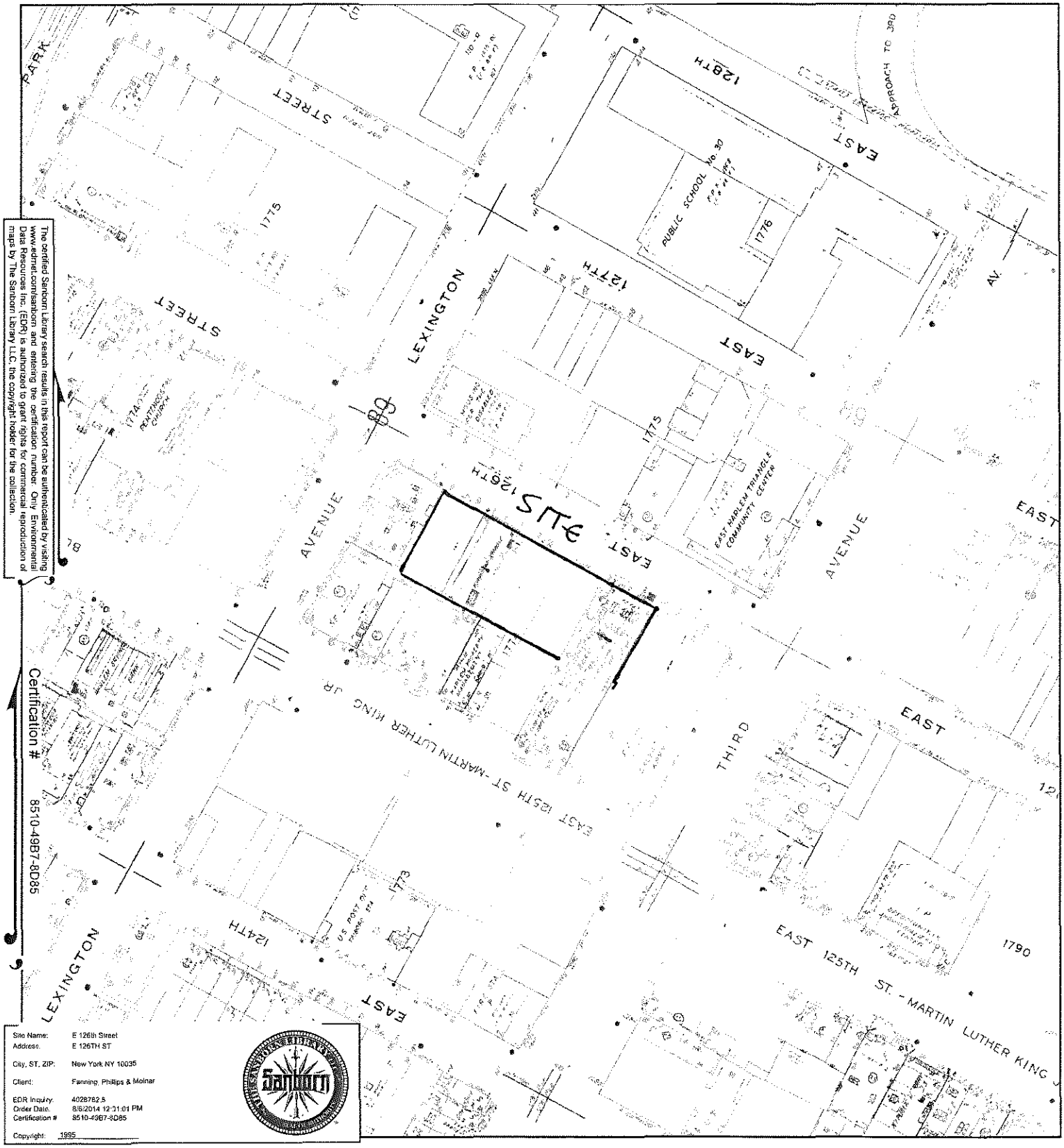


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

1995 Certified Sanborn Map

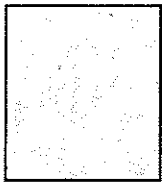


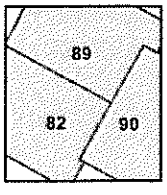
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:01:01 PM
Certification #	8510-49B7-8D85
Copyright:	1995

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



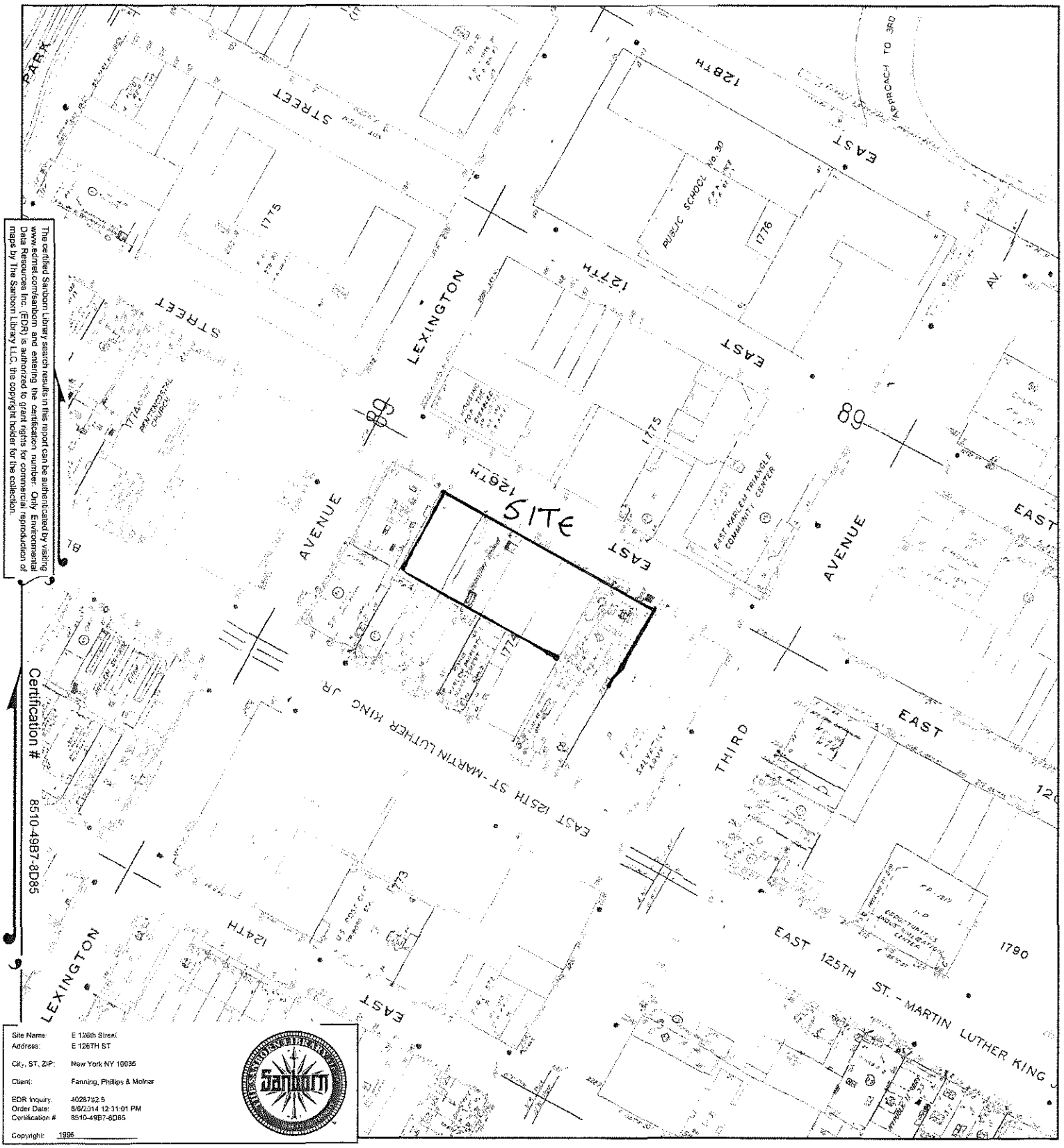


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

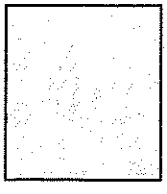
1996 Certified Sanborn Map

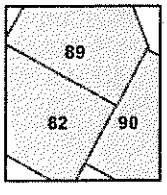


Certification # 8510-49B7-8D85

Site Name: E 126th Street
Address: E 126TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4028782.5
Order Date: 8/6/2014 12:31:01 PM
Certification #: 8510-49B7-8D85
Copyright: 1996

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



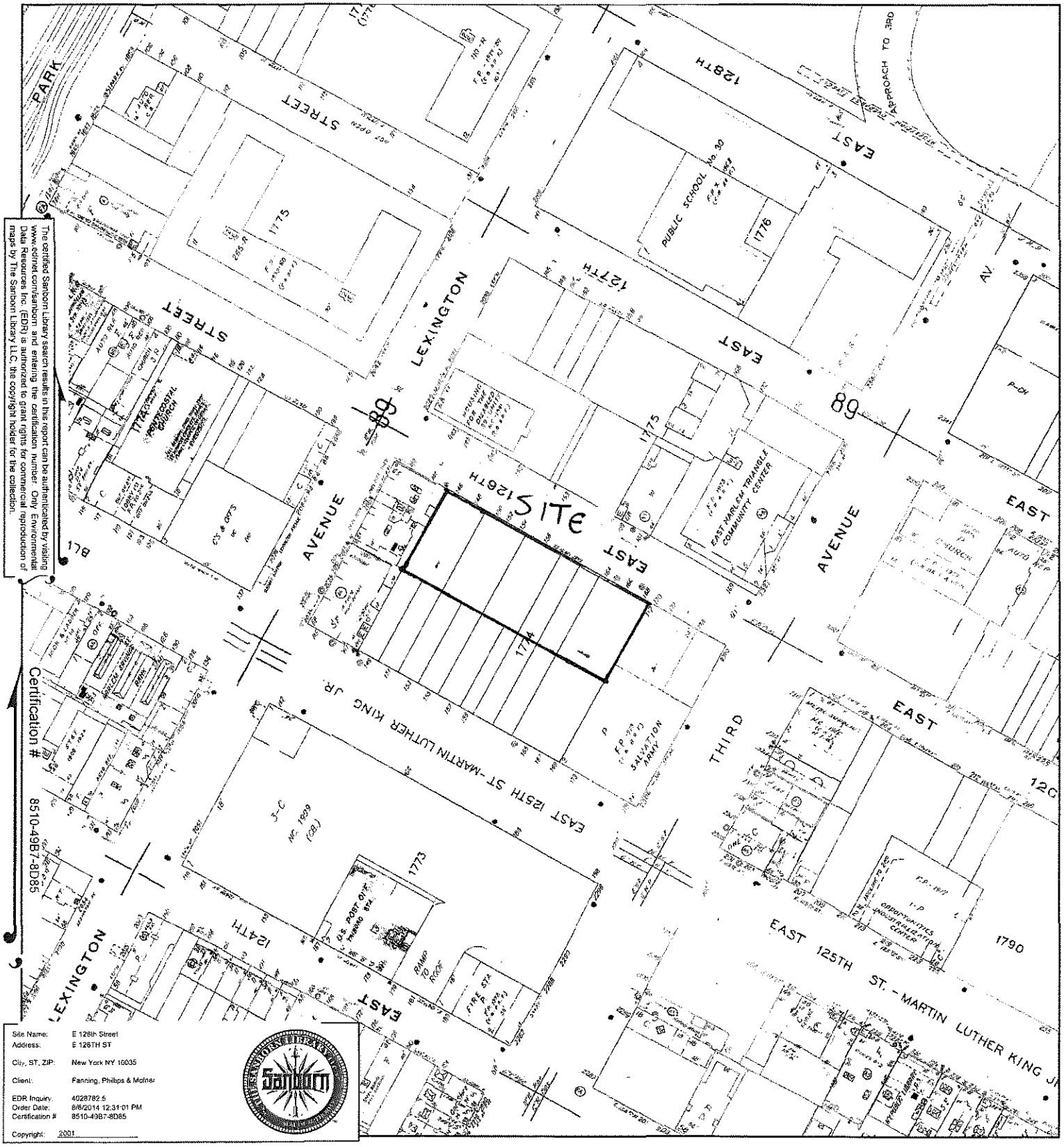


Volume 8N, Sheet 90
Volume 8N, Sheet 82
Volume 8N, Sheet 89

0 Feet 150 300 600

N

2001 Certified Sanborn Map

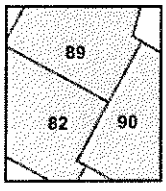


The certified Sanborn Library search results in this report can be authenticated by visiting www.sdnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #	8510-49B7-8D85
Copyright:	2001

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

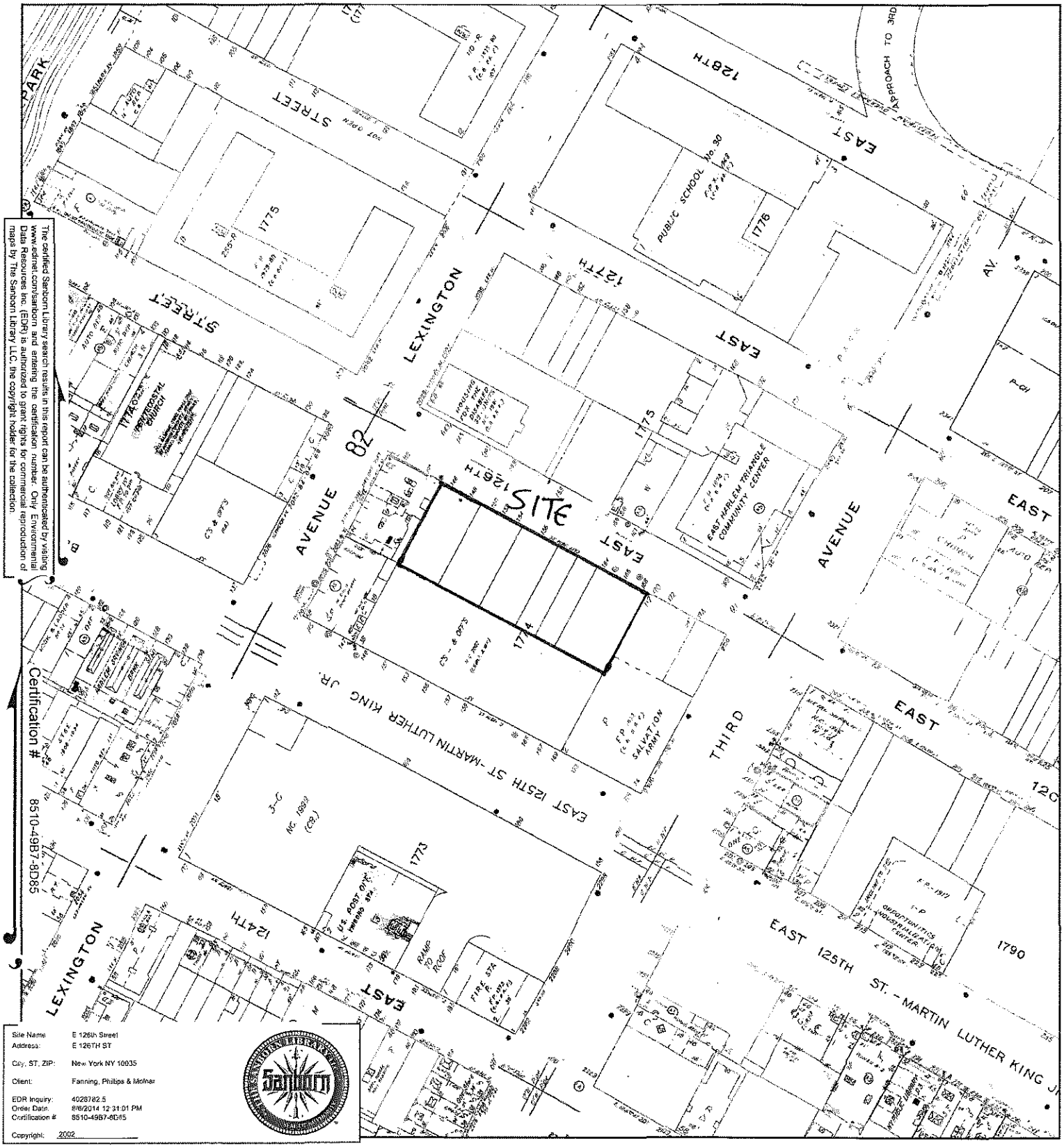


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

2002 Certified Sanborn Map



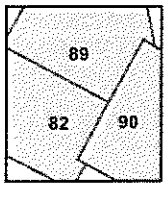
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #:	8510-49B7-8D85

Copyright: 2002

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

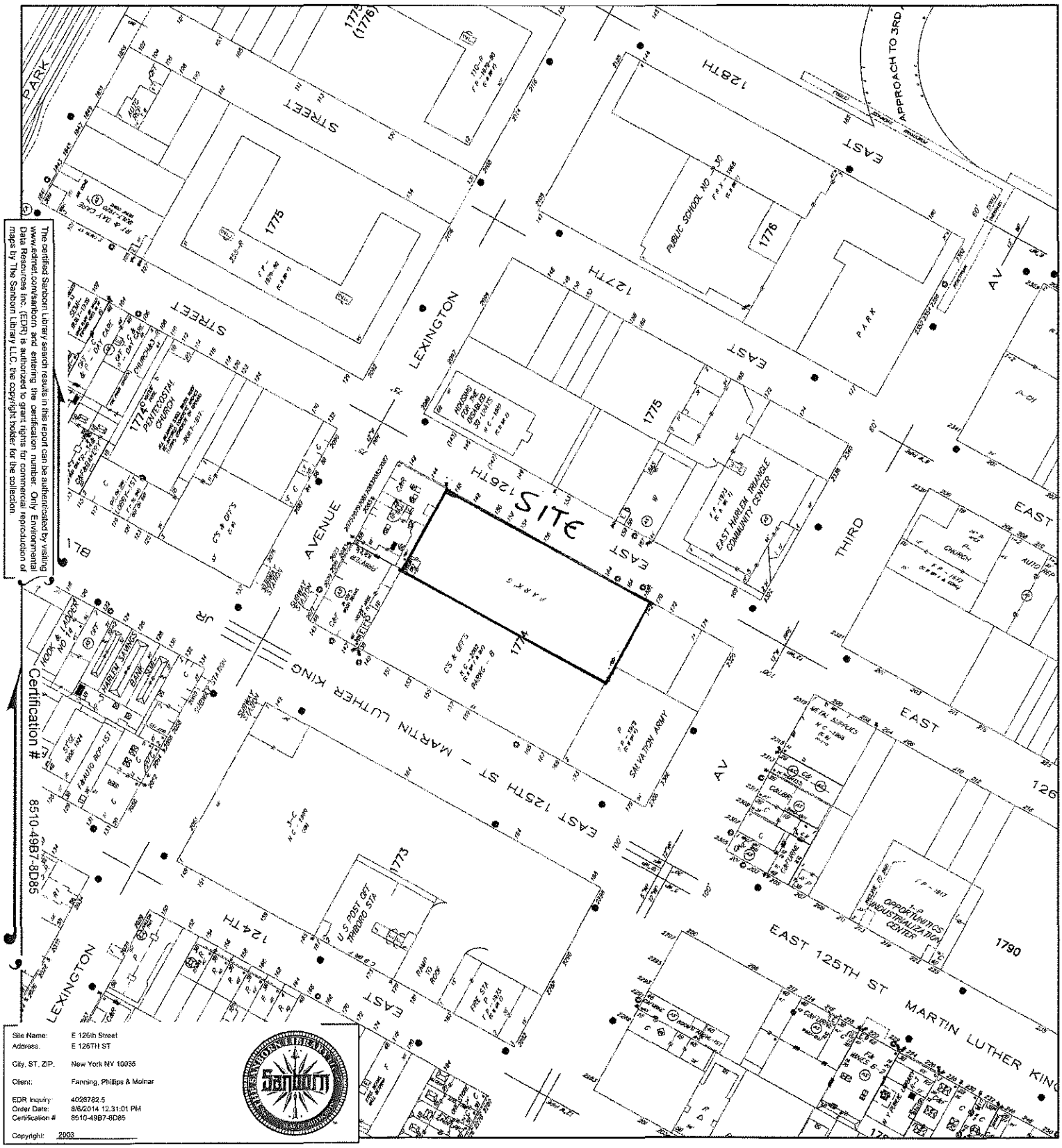


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

2003 Certified Sanborn Map

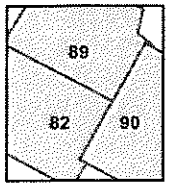


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name: E 125th Street
Address: E 125TH ST
City, ST, ZIP: New York NY 10035
Client: Fanning, Phillips & Molnar
EDR Inquiry: 4028782.5
Order Date: 8/6/2014 12:31:01 PM
Certification #: 8510-49B7-8D85
Copyright: 2003

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

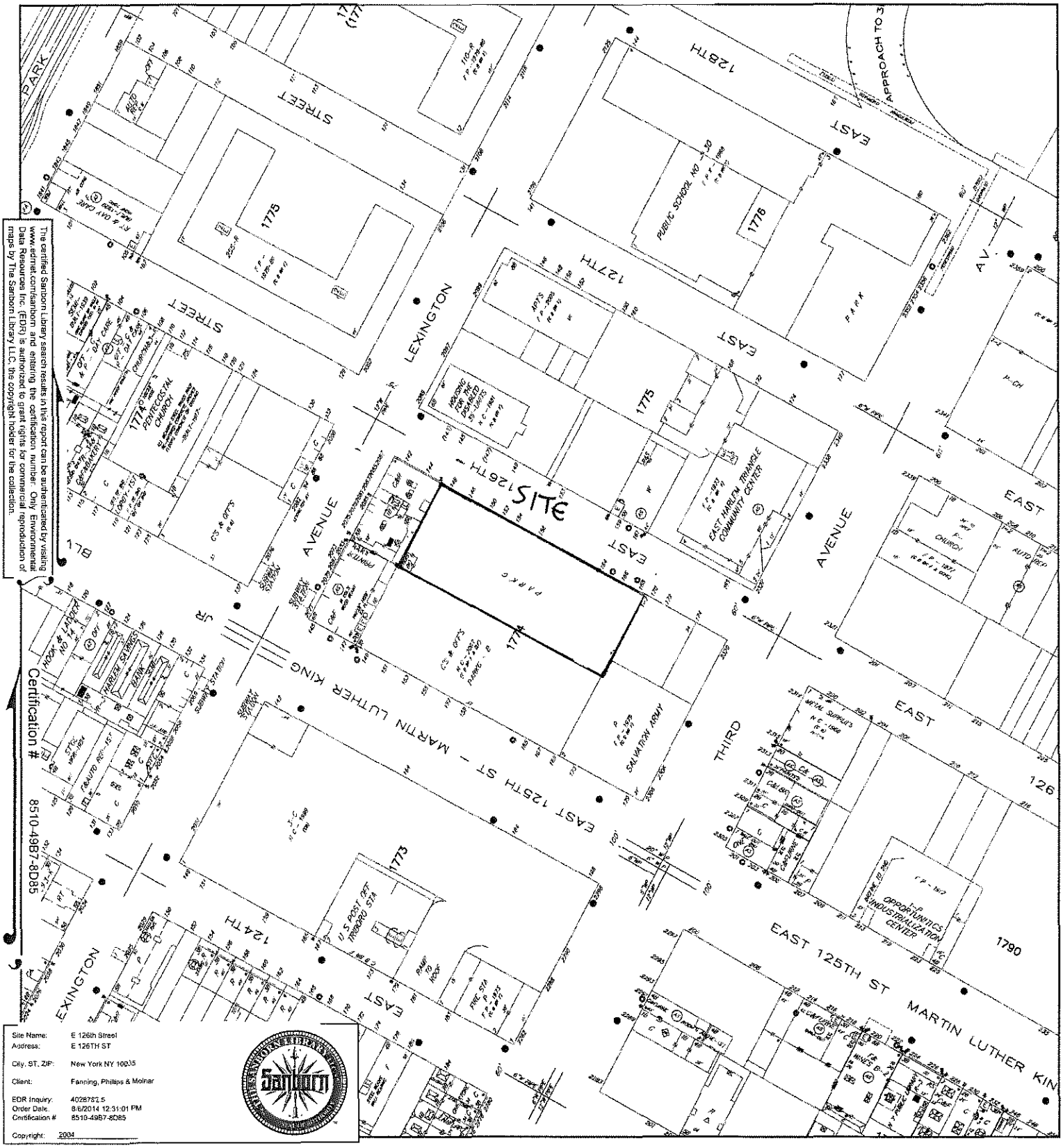


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

2004 Certified Sanborn Map

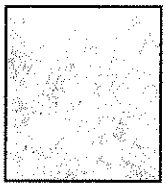


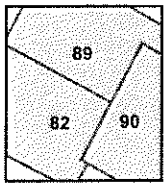
The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #	8510-49B7-8D85
Copyright:	2004

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



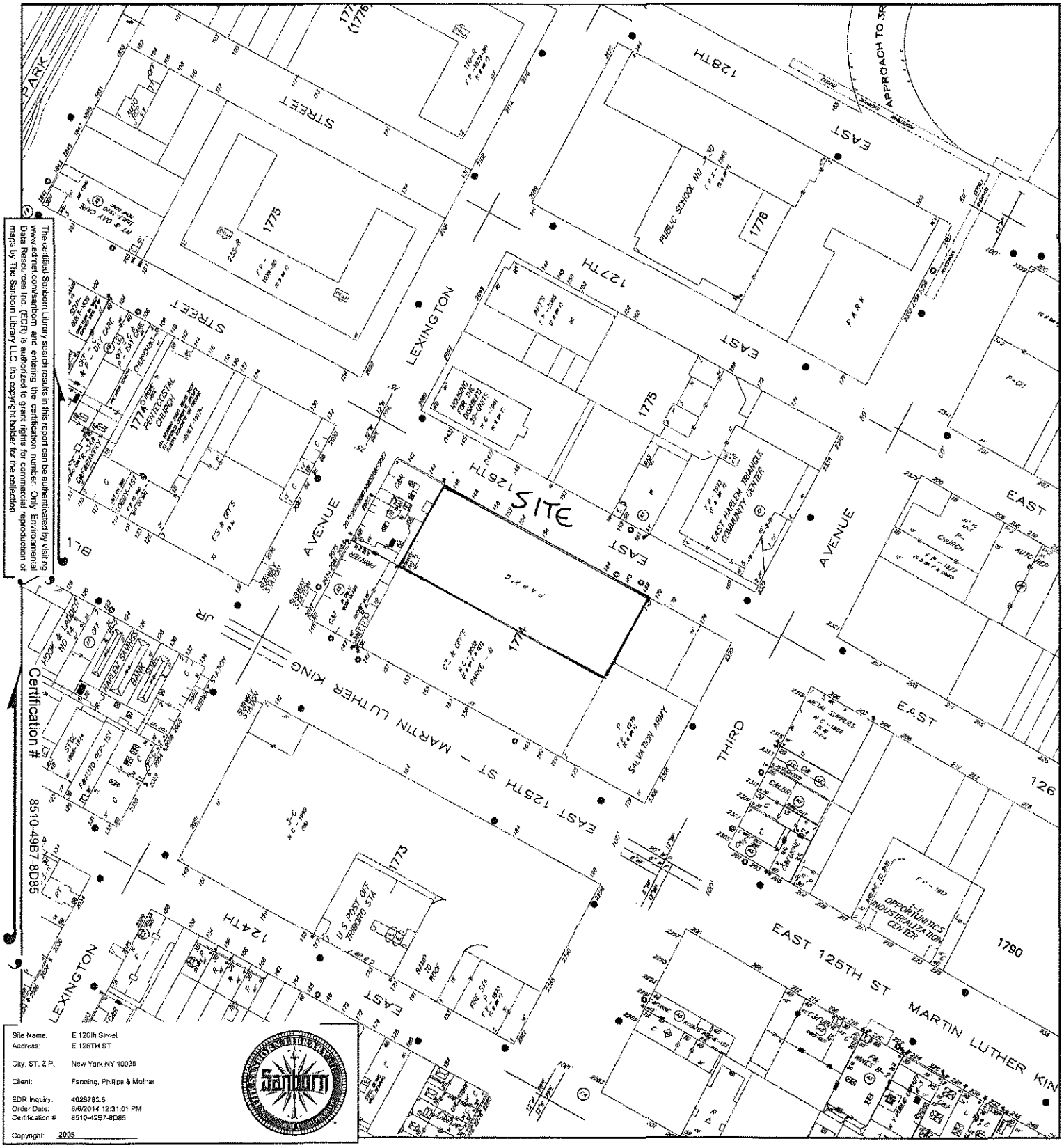


Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N

2005 Certified Sanborn Map

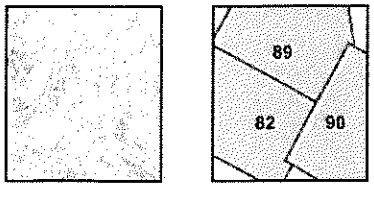


The certified Sanborn Library search results in this report can be authenticated by visiting www.edrnet.com/sanborn and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # 8510-49B7-8D85

Site Name:	E 126th Street
Address:	E 126TH ST
City, ST, ZIP:	New York NY 10035
Client:	Fanning, Phillips & Molnar
EDR Inquiry:	4028782.5
Order Date:	8/6/2014 12:31:01 PM
Certification #:	8510-49B7-8D85
Copyright:	2005

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



Volume 8N, Sheet 82
Volume 8N, Sheet 89
Volume 8N, Sheet 90

0 Feet 150 300 600

N


E 126th St
SITE

Form 54-35M-701421(51) 114

DEPARTMENT OF HOUSING AND BUILDINGS

BOROUGH OF MANHATTAN , CITY OF NEW YORK

No. 42667

Date May 21, 1954

CERTIFICATE OF OCCUPANCY

(Standard form adopted by the Board of Standards and Appeals and issued pursuant to Section 646 of the New York Charter, and Sections C.26-181.0 to C26-187.0 inclusive Administrative Code 2.1.3.1. to 2.1.3.7. Building Code.)

This certificate supersedes C. O. No.

To the owner or owners of the building or premises:

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

158 East 126th Street

Block 1774 Lot Part of 45

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

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

~~New or~~ Alt. No.— 827-1951 Construction classification— Class 3 nonfireproof

Occupancy classification— Old Law Tenement Class "A" Mult.Dwell. Height 5 stories, 55 feet.

Date of completion— May 19, 1954 . Located in Unrestricted Use District.

B Area 1½ . Height Zone at time of issuance of permit 136-1952; 2439-1951; 1466-1951

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

PERMISSIBLE USE AND OCCUPANCY

STORY	LIVE LOADS Lbs. per Sq. Ft.	PERSONS ACCOMMODATED MALE	FEMALE	TOTAL	USE
Cellar	on ground	5		5	Showroom and storage.
1st story	75	25		25	Office and manufacturing.
2nd story	75	10		10	Two (2) apartments and showroom.
3rd to 5th story, incl.					Two (2) apartments on each story.

Borough Superintendent.

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

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

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

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

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

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

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

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

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

NYC Buildings

NYC

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

Overview for Complaint #:1367976 = RESOLVED

Complaint at: 162 EAST 126 STREET **BIN: 1813344** **Borough: MANHATTAN** **ZIP: 10035**
Re: FDNY REQUEST A STRUCTURAL STABILITY INSPECTION DUE TO CARCRASHING INTO WALL

Category Code: 30 BUILDING SHAKING/MBRATING/STRUCT STABILITY AFFECTED

DOB District: N/A
Special District: 125 - 125TH STREET

Assigned To: EMERGENCY RESPONSE TEAM **Priority:** A
Received from FDNY

Received: 03/22/2014 **Block:** 1774 **Lot:** 48 **Community Board:** 111
Owner: NOT ON FILE

Last Inspection: 03/22/2014 - - BY BADGE # 0287
Disposition: 03/23/2014 - A1 - BUILDINGS VIOLATION(S) SERVED
Comments: VEHICLE STRUCK NON LOAD BEARING SHEETROCK PARTITION CREATING A HOLE APPROX 6FT X 6FT INTO OFFICE
DOB Violation #: 32214CNE01LA

Complaint Disposition History

Disposition Date	Disposition Code	Disposition	Inspection By	Date

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

NYC Buildings

NYC

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

DOB Violation Display for 032214CNE01DM

Premises: 146 EAST 126 STREET MANHATTAN **BIN: 1813344 Block: 1774 Lot: 48**

Issue Date:	03/22/2014	**Violation Category:**	V - DOB VIOLATION - ACTIVE
Violation Type:	C - CONSTRUCTION		
Violation Number:	NE01DM	**Device No.:**	
ECB No.:			
Infraction Codes:			
Description:			
Disposition:			
Code:	**Date:**		
Inspector:			
Comments:			

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

NYC Buildings

NYC

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

DOB Violation Display for 032214CCEN01DM

Premises: 146 EAST 126 STREET MANHATTAN **BIN: 1813344 Block: 1774 Lot: 48**

Issue Date:	03/22/2014	**Violation Category:**	V - DOB VIOLATION - ACTIVE
Violation Type:	C - CONSTRUCTION		
Violation Number:	CEN01DM	**Device No.:**	
ECB No.:			
Infraction Codes:			
Description:	VEHICLE INTO THEW BUILDING		
Disposition:			
Code:	**Date:**		
Inspector:			
Comments:			

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

NYC Buildings

NYC

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

NYC Department of Buildings

DOB Violation Display for 011609E9011/294152

Premises: 146 EAST 126 STREET MANHATTAN **BIN: 1813344 Block: 1774 Lot: 48**

Issue Date: 01/16/2009
Violation Category: V* - DOB VIOLATION - RESOLVED
Violation Type: E - ELEVATOR
Violation Number: 9011/294152
Device No.: 01P36513
ECB No.:
Infraction Codes:
Description:

Disposition:
Code: RESOLVED **Date:** 07/31/2013
Inspector:
Comments: PVT: SATISFIED BY SUBMISSION OF AOC FOR CAT 1 INSP

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

NYC Buildings

NYC

CLICK HERE TO SIGN UP FOR BUILDINGS NEWS

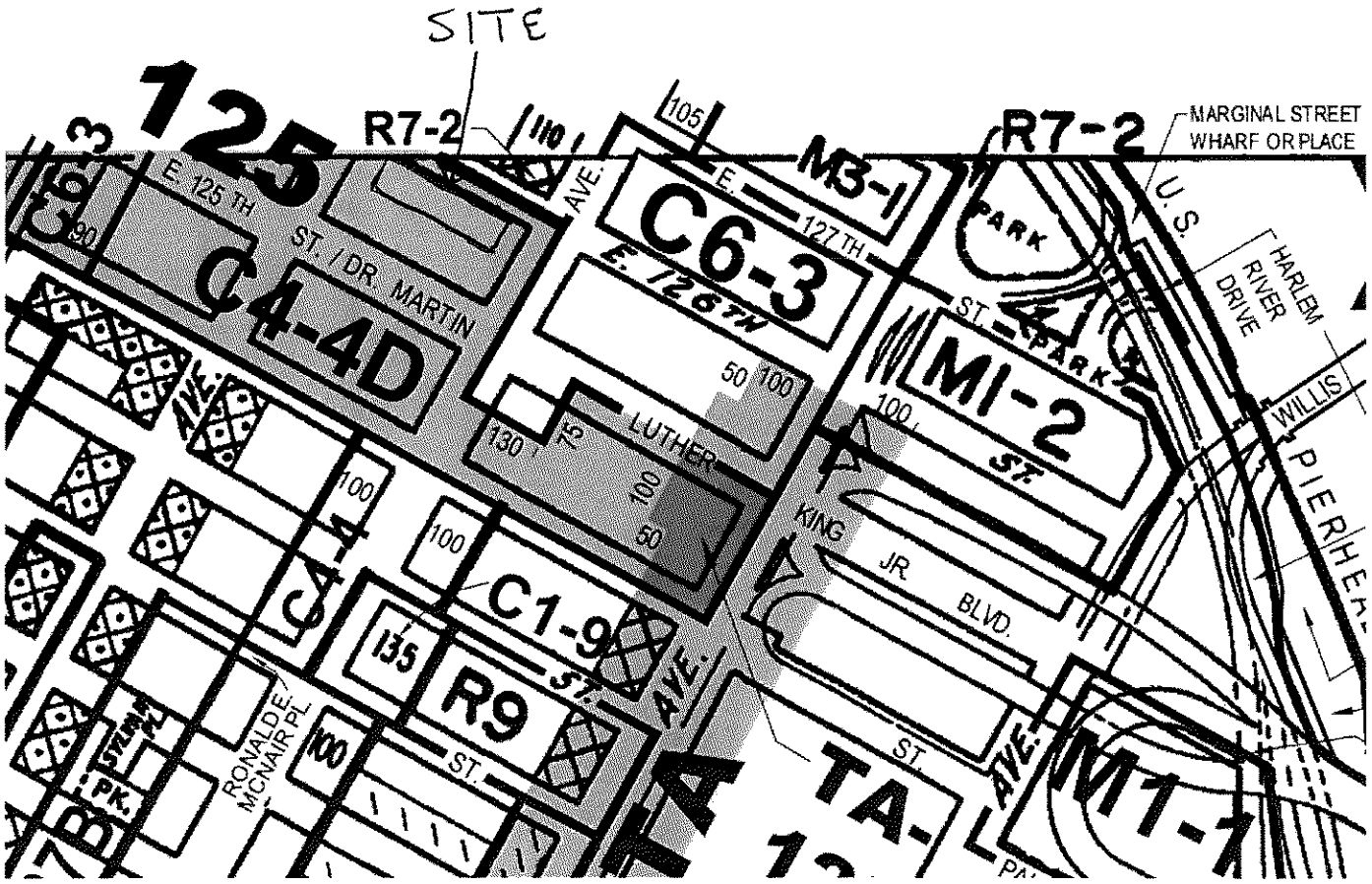
NYC Department of Buildings

Actions

Premises: 146 EAST 126 STREET MANHATTAN **BIN: 1813344 Block: 1774 Lot: 48**

NUMBER		TYPE	FILE DATE
ALT 342-32		ALTERATION	00/00/1932
ALT 827-51P		ALTERATION	00/00/1951
ALT 700-65		ALTERATION	00/00/1965
ALT 34-76*		ALTERATION	00/00/1976
BN 1217-57		BUILDING NOTICE	00/00/1957
CO 42667	(PDF)	CERTIFICATE OF OCCUPANCY	00/00/0000
COM 5829-64		COMPLAINTS	00/00/1964
DP 172-75		DEMOLITION PERMIT	00/00/1975
FO 667-69		OIL BURNER APPLICATION	00/00/1969
NB 1042-82*		NEW BUILDING	00/00/1982
SR 4510-18		SPECIAL REPORT	00/00/1918
SR 2288-52		SPECIAL REPORT	00/00/1952
SR 4512-52		SPECIAL REPORT	00/00/1952
SR 896-52		SPECIAL REPORT	00/00/1952
SR 118-61		SPECIAL REPORT	00/00/1961
UB 23974		UNSAFE BUILDING	00/00/0000
UB 425-26*		UNSAFE BUILDING	00/00/1926
UB 22-51*		UNSAFE BUILDING	00/00/1951
V* 011609E9011/294152		DOB VIOLATION - RESOLVED	01/16/2009
V 032214CNE01DM		DOB VIOLATION - ACTIVE	03/22/2014
V 032214CCEN01DM		DOB VIOLATION - ACTIVE	03/22/2014

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


SITE
125
R7-2
110
105
R7-2
MARGINAL STREET
WHARF OR PLACE
E. 125 TH ST. / DR. MARTIN
C4-4D
C6-3
E. 126TH
M3-1
E. 127 TH
PARK
U.S.
HARLEM RIVER DRIVE
WILLIS
PIER
M1-2
ST.
LUTHER
KING
JR. BLVD.
AVE.
C4-4
C1-9
R9
135
ST.
RONALD E. MCNAIR PL
TA-
M1-1
50
100
75
130

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Fire Records Section

9 MetroTech Center

Brooklyn, New York 11201-3857

(718) 999-2681 or 2682

Violation Special Report

Request Form

FPM File No 492-14-136

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

George Holmes c/o FPM Group
Name

909 Marcon Avenue
Address

Ronkonkoma, NY 11779
State Zip Code

(631) 737-6200
Telephone Number

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department and a stamped self-addressed envelope (with postage).** Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.**

SECTION B **REQUEST VIOLATION REPORT** **FEE $10.00 / PER REPORT**

Please print the required information below.

South side of E 126th Street, 90 feet west of 3rd Avenue (Block 1774, Lot 48) Manhattan and 60 feet east of Lexington Avenue
House No Street Name Floor(s) Apt(s) Borough Box #

- [x] EXISTING- ALL NOTICES OF VIOLATION AND VIOLATION ORDERS ISSUED BY THE FIRE PREVENTION
- [ ] DISMISSED- ALL NOTICES OF VIOLATION AND VIOLATION ORDERS ISSUED BY FIRE PREVENTION
- [x] EXISTING- ALL SUMMONSES
- [ ] DISMISSED- ALL SUMMONSES

Note: A "dismissed" status means that the condition no longer exists, according to agency records. Also, please be advised that this search will not include records manually kept by Fire or Engine Companies.

Note: Requests will be responded to within 10 business days.

PR4 (July-08)

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

FPM file No 492-14-136

SECTION A **CUSTOMER INFORMATION**

Please print the required information below.

George Holmes c/o FPM Group
Name

909 Marcon Avenue
Address

Ronkonkoma, NY 11779
State Zip Code

(631) 737-6200
Telephone Number

OFFICE USE ONLY

Cashier / Search No.

PRU Staff
Accepted By/Initials:

Searched By:

Total Amount:

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the **NYC Fire Department and a stamped self-addressed envelope (with postage).** Mail checks or money orders directly to the address and unit listed above. **DO NOT MAIL CASH.**

SECTION B **FUEL TANK REPORT - FEE $10.00 / PER REPORT**

South Side of E 126th Street, 90 feet west of 3rd Avenue (Block 1774, Lot 48) Manhattan
House Number Street Name Borough
and 60 feet east of Lexington Avenue

- [x] THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS
- [x] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS
- [x] THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS
- [x] THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS
- [ ] MOST RECENT TANK / PIPING TEST RESULTS
- [x] HISTORY OF BURIED TANKS LEAKS

Note: Requests will be responded to within 10 business days.

PR3 (July-08)

NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION

FPM file No 492-14-136

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

Complete Part I of this form. Please refer to instruction sheet for assistance in completing this form. If responsive records are located, you will be notified and informed of the required payment. Advance payment is required in check or money order payable to the City of New York before documents will be released. Send the complete application to the Records Access Officer at NYC DEP, Bureau of Legal Affairs, 59-17 Junction Blvd., 19th Fl., Flushing, NY 11373 or fax to (718) 595-6543

PART I. APPLICATION - Check Bureau(s) known or believed to have the record(s):

- ☐ Executive
- ☐ General Counsel
- ☐ Agency Chief Contracting Office
- ☐ Bureau of Customer Services (Water Bills)
- ☒ Bureau of Environmental Compliance
- ☒ Asbestos
- ☒ Hazardous Materials
- ☒ Air & Noise
- ☒ Environmental Control Board
- ☐ Bureau of Environmental Engineering
- ☒ Office of Environmental Planning and Assessment
- ☒ Bureau of Wastewater Treatment
- ☒ Sewer discharge violations
- ☐ Bureau of Water and Sewer Operations
- ☒ Water Records
- ☒ Sewer Records
- ☐ Bureau of Water Supply
- ☐ Water Quality
- ☐ DEP Police
- ☐ _____

I hereby apply to ○ inspect or ☒ receive copies of the following records (use additional sheets as needed and attach):
ALL AVAILABLE RECORDS PERTAINING TO THE FOLLOWING PROPERTY:
South side of E 126th Street, 90 feet west of 3rd Avenue and 60 feet east of Lexington Avenue, Manhattan 10035 (Block 1774, Lot 48)

Name: George Holmes Phone: (631) 737-6200 E-Mail: g.holmes@fpm-group.com
Firm: FPM Group
Address: 909 Marconi Avenue, Ronkonkoma, NY 11779
Signature: _____ Date: August 5, 2014

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

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

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

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

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

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

Brief Description of records not subject to disclosure _____

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

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

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

LOG NO.: _____

(Department Representative) **(Bureau)** **(Date)**

• • •Fee Waived • • •Check/M.O. received • • •Check/M.O. requested DOC# 050303

NYC Environmental Protection

Emily Lloyd
Commissioner

John Rousakis
General Counsel

Brenda Farren
Records Access Officer

59-17 Junction Blvd.
Flushing, NY 11373

Tel. (718) 595-3448
Fax (718) 595-6543
Foil2@dep.nyc.gov

August 6, 2014

Mr. George Holmes
FPM Group
909 Marconi Avenue
Ronkonkoma, NY 11779

Dear Mr. Holmes:

Re: E. 126th Street btw 3rd & Lexington Avenues, Manhattan
File # 492-14-136

We hereby acknowledge receipt of your **Freedom of Information Law** request dated August 5, 2014.

Your request is important to us and will be handled as expeditiously as possible. You are advised, however, that because of the large increase in the volume of such requests, your response may be delayed.

If you have any questions, please call Brenda Farren, Records Access Officer, at (718) 595-3448. Please refer to the ***FOIL log number(s)*** listed below when calling.

Sincerely,

Brenda Farren

Brenda Farren
FOIL Access Officer

FOIL log #(s) 120254, 120255, 120256, 120257

NYC Environmental Protection

August 6, 2014

Emily Lloyd
Commissioner

Michael Gilsenan
Assistant Commissioner
Environmental Compliance

59-17 Junction Boulevard
Flushing, NY 11373

George Holmes
FPM Group
909 Marconi Avenue
Ronkonkoma, NY 11779

Dear Mr. Holmes:

In response to your Freedom of Information Law information request of 8/5/2014, the Division of Air/Noise Enforcement and Policy has searched its files for records pertaining to East 126 Street and:

☐ Has located and enclosed the requested documents.

☐ A total of _____ pages of materials have been located, for which we are required to charge a fee of $.25 per page. Please send your check, in the amount of $_____, to:

Records Access Officer
NYC Department of Environmental Protection
59-17 Junction Boulevard, 19th Floor
Flushing, NY 11373

The check should be made payable to **The City of New York** and include the Log # noted below.

☐ Upon receipt of the check, copies of these records will be sent to you.

☒ Does not have the requested documents.

Sincerely,

Geraldine Kelpin
Director, Air/Noise Enforcement & Policy

Log # 120255

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA ~~FAX~~ mail

August 5, 2014

Ms. Renee Bryant
FOIA Officer
NYCDOH
125 Worth Street
New York, NY

Re: **Phase I Environmental Site Assessment for a Property located in Manhattan, New York**
FPM File No. 492-14-136

Dear Ms. Bryant:

In accordance with the Freedom of Information Act (FOIA), this is a written request to review all files at the NYCDOH for the following property located in **Manhattan**:

- South side of E 126th Street, 90 feet west of 3rd Avenue and 60 feet east of Lexington Avenue (Block 1774, Lot 48)

Specifically, I am requesting files pertaining to hazardous/toxic/chemical waste storage and disposal, violations, spills, under/above ground storage tanks, remediation, sampling, sanitation, or any other environmental concerns at this property.

Please confirm no other divisions maintain files for these properties and contact me as soon as this information becomes available for my review. Thank you for your prompt attention to this request.

Sincerely,

George Holmes
Hydrogeologist

GH:tac

S:\BDG\126th Street-Gotham\NYCDOH.LET.docx

FPM group _____ Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA EMAIL

August 5, 2014

FOI Officer
NYSDEC – Region 2
Attn: Fawzy I. Abdelsadek

Re: **Phase I Environmental Site Assessment for a Property located in Manhattan, New York**
FPM File No. 492-14-136

Dear Fawzy:

In accordance with the Freedom of Information Act (FOIA), this is a written request to review all files at the NYSDEC for the following property located in **Manhattan**:

- South side of E 126th Street, 90 feet west of 3rd Avenue and 60 feet east of Lexington Avenue (Block 1774, Lot 48)

Specifically, I am requesting files pertaining to remediation, environmental permits, hazardous materials or any other environmental concerns at this property.

Thank you for your prompt attention to this request.

Sincerely,

George Holmes
Hydrogeologist

GH:tac

S:\BDG\126th Street-Gotham\NYSDEC.LET.docx

FPM group — Engineering and Environmental Science

FPM Group, Ltd.
FPM Engineering Group, P.C.
formerly Fanning, Phillips and Molnar

CORPORATE HEADQUARTERS
909 Marconi Avenue
Ronkonkoma, NY 11779
631/737-6200
Fax 631/737-2410

VIA EMAIL

August 20, 2014

FOI Officer
NYSDEC – Region 2
Attn: Fawzy I. Abdelsadek

Re: **Phase I Environmental Site Assessment for a Property located in Manhattan, New York**
FPM File No. 492-14-136

Dear Fawzy:

In accordance with the Freedom of Information Act (FOIA), this is a written request to review all files at the NYSDEC for the following property located in **Manhattan**:

- 151-153 East 125th Street (Block 1774, Lot 30)

Specifically, I am requesting files pertaining to remediation, environmental permits, hazardous materials or any other environmental concerns at this property. I am also requesting all files related to spill #06-09087 and spill #06-08906.

Thank you for your prompt attention to this request.

Sincerely,

George Holmes
Hydrogeologist

GH:tac

S:\BDG\126th Street-Gotham\NYSDEC.LET.docx

APPENDIX B

STATE AND FEDERAL DATABASE RECORDS

E 126th Street
E 126TH ST
New York, NY 10035

Inquiry Number: 4028782.2s
August 06, 2014

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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

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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

E 126TH ST
NEW YORK, NY 10035

COORDINATES

Latitude (North):	40.8046000 - 40° 48' 16.56"
Longitude (West):	73.9363000 - 73° 56' 10.68"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	589725.6
UTM Y (Meters):	4517399.0
Elevation:	16 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	40073-G8 CENTRAL PARK, NY NJ
Most Recent Revision:	1995

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20100731, 20110710, 20110705
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CON EDISON SERVICE BOX: 20843 E 126TH & LEXINGTON AVE NEW YORK, NY 10035	RCRA NonGen / NLR	NYP004297222
CON EDISON SERVICE BOX: 20846 E 126TH & LEXINGTON AVE NEW YORK, NY	FINDS	N/A
CON EDISON SERVICE BOX: 20855 E 126TH & 3RD AVE NEW YORK, NY 10035	RCRA NonGen / NLR	NYP004297198
CON EDISON SERVICE BOX: 20847 E 126TH & LEXINGTON AVE NEW YORK, NY 10035	RCRA NonGen / NLR	NYP004297206

CON EDISON SERVICE BOX: 20855 E 126TH & 3RD AVE NEW YORK, NY	FINDS	N/A
CON EDISON SERVICE BOX: 20846 E 126TH & LEXINGTON AVE NEW YORK, NY 10035	RCRA NonGen / NLR	NYP004297214
CON EDISON SERVICE BOX: 20847 E 126TH & LEXINGTON AVE NEW YORK, NY	FINDS	N/A
MANHOLE 45805 EAST 126TH ST / 3RD AVE MANHATTAN, NY	NY Spills Spill Number/Closed Date: 9814395 / 3/12/1999	N/A
CON EDISON SERVICE BOX: 20843 E 126TH & LEXINGTON AVE NEW YORK, NY	FINDS	N/A
CON EDISON SERVICE BOX: 20849 E 126TH & LEXINGTON AVE NEW YORK, NY 10035	RCRA NonGen / NLR	NYP004297305
CON EDISON SERVICE BOX: 20853 E 126TH & 3RD AVE NEW YORK, NY 10035	RCRA NonGen / NLR	NYP004297313
CONSOLIDATED EDISON EAST 126TH ST & LEXINGTON AVE NEW YORK, NY 10020	NY MANIFEST	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal leaking storage tank lists

NY HIST LTANKS..... Listing of Leaking Storage Tanks
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

NY CBS UST..... Chemical Bulk Storage Database
NY MOSF UST..... Major Oil Storage Facilities Database
NY MOSF AST..... Major Oil Storage Facilities Database
NY MOSF..... Major Oil Storage Facility Site Listing
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

NY ENG CONTROLS..... Registry of Engineering Controls
NY INST CONTROL..... Registry of Institutional Controls
NY RES DECL..... Restrictive Declarations Listing

State and tribal voluntary cleanup sites

NY VCP..... Voluntary Cleanup Agreements

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

NY ERP..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
NY SWTIRE..... Registered Waste Tire Storage & Facility List
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
NY DEL SHWS..... Delisted Registry Sites
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
NY LIENS..... Spill Liens Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
NY Hist Spills..... SPILLS Database
NY SPILLS 80..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems
ICIS..... Integrated Compliance Information System
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System

RADINFO..... Radiation Information Database
RAATS..... RCRA Administrative Action Tracking System
RMP..... Risk Management Plans
NY UIC..... Underground Injection Control Wells
NY SPDES..... State Pollutant Discharge Elimination System
NY AIRS..... Air Emissions Data
INDIAN RESERV..... Indian Reservations
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
NY COAL ASH..... Coal Ash Disposal Site Listing
2020 COR ACTION..... 2020 Corrective Action Program List
LEAD SMELTERS..... Lead Smelter Sites
PRP..... Potentially Responsible Parties
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
COAL ASH DOE..... Steam-Electric Plant Operation Data
US FIN ASSUR..... Financial Assurance Information
PCB TRANSFORMER..... PCB Transformer Registration Database
EPA WATCH LIST..... EPA WATCH LIST

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 10 RCRA-LQG sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE 20677	E 125 ST & LEXINGTON AV	WSW 0 - 1/8 (0.035 mi.)	D58	93
CON EDISON - MANHOLE 20677	142 EAST 125TH STREET A	WSW 0 - 1/8 (0.037 mi.)	D63	99
CON EDISON - SERVICE BOX 21063	108 EAST 128TH STREET A	NNW 1/8 - 1/4 (0.136 mi.)	M250	623
CON EDISON - SERVICE BOX 42146	1889 PARK AVENUE AND EA	NNW 1/8 - 1/4 (0.165 mi.)	R318	816
CON EDISON - SERVICE BOX 20951	80 EAST 127TH STREET AN	NW 1/8 - 1/4 (0.167 mi.)	W329	831
CON EDISON - SERVICE BOX 39223	LEXINGTON AVE AND E 122	SW 1/8 - 1/4 (0.184 mi.)	AF382	921
CON EDISON - SERVICE BOX 21057	57 EAST 128TH STREET AN	NNW 1/8 - 1/4 (0.216 mi.)	AK490	1123

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - SERVICE BOX 20967	170 EAST 127TH STREET A	NE 0 - 1/8 (0.053 mi.)	F84	129
NYC SCHOOL CONSTRUCTION AUTH -	144 E 128TH ST	N 0 - 1/8 (0.104 mi.)	M178	382
NYCDOT - WILLIS AVENUE BRIDGE	***2602 2ND AVE***	***E 1/8 - 1/4 (0.185 mi.)***	***AA393***	***951***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILLIAM SOMERVILLE INC	***166 E 124TH ST***	***SSW 0 - 1/8 (0.096 mi.)***	***H167***	***325***
CON EDISON - PARKVIEW SUBSTATI	***1901 PARK AVE***	***N 1/8 - 1/4 (0.187 mi.)***	***AE399***	***964***
ARTHUR SCHOMBERG HIGH SCHOOL	***2005 MADISON AVE***	***NW 1/8 - 1/4 (0.225 mi.)***	***AI512***	***1161***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FANCY EAST SIDE CLEANERS	***2315 3RD AVE***	***ESE 0 - 1/8 (0.033 mi.)***	***B49***	***70***
NEW YORK AUTO MALL SITE	***2485-2495 2ND AVE - EAS***	***E 0 - 1/8 (0.118 mi.)***	***I214***	***468***
NYCTA	***2460 2ND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X290***	***709***

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/11/2014 has revealed that there are 44 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	154 E 125TH ST & LEXING	WSW 0 - 1/8 (0.031 mi.)	A45	66
CON EDISON	159 E 125TH ST OPP	SW 0 - 1/8 (0.032 mi.)	A47	68
CON EDISON	E 125TH ST & LEXINGTON	WSW 0 - 1/8 (0.035 mi.)	D55	89
CON EDISON	E 125TH ST & LEXINGTON	WSW 0 - 1/8 (0.035 mi.)	D56	90
CON EDISON	3RD AVE & E 125TH ST	SSE 0 - 1/8 (0.040 mi.)	E66	105
MTA NYCT - 125TH ST & LEXINGTO	***125TH ST & LEXINGTON AV***	***WSW 0 - 1/8 (0.051 mi.)***	***D80***	***119***
NYCTA - 128TH STREET YARD	***128 EAST 128TH STREET***	***NNW 0 - 1/8 (0.093 mi.)***	***M154***	***278***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LEE BUILDING	***103 E 125TH ST***	***WNW 0 - 1/8 (0.106 mi.)***	***G194***	***430***
CON EDISON	1824 PARK AVE	WNW 1/8 - 1/4 (0.127 mi.)	P227	550
CON EDISON SERVICE BOX: 42123	1834 PARK AVE	NW 1/8 - 1/4 (0.128 mi.)	J233	596
CON EDISON	E 123RD ST & LEXINGTON	SW 1/8 - 1/4 (0.135 mi.)	Q245	613
CON EDISON	E 123RD ST & LEXINGTON	SW 1/8 - 1/4 (0.135 mi.)	Q246	614
CON EDISON	E 123RD ST & 3RD AVE SB	S 1/8 - 1/4 (0.135 mi.)	S248	620
CON EDISON	E 123RD ST & 3RD AVE	S 1/8 - 1/4 (0.136 mi.)	S253	626
CON EDISON	1886 PARK AVE (128ST &	NNW 1/8 - 1/4 (0.183 mi.)	AE372	912
CON EDISON	E 122ND ST & LEXINGTON	SW 1/8 - 1/4 (0.184 mi.)	AF380	919
CON EDISON	E 122ND ST & LEXINGTON	SW 1/8 - 1/4 (0.184 mi.)	AF381	920
CON EDISON	E 122ND ST & 3RD AVE	SSW 1/8 - 1/4 (0.184 mi.)	AG387	926
CON EDISON SERVICE BOX: 20643	***62 E 125TH ST***	***WNW 1/8 - 1/4 (0.194 mi.)***	***Y419***	***992***
CON EDISON SERVICE BOX: 20104	124 E 122ND ST	SW 1/8 - 1/4 (0.196 mi.)	AH426	999
CON EDISON SERVICE BOX: 20103	116 E 122ND ST	WSW 1/8 - 1/4 (0.200 mi.)	AH441	1018
CON EDISON SERVICE BOX: 20642	***58 E 125TH ST***	***WNW 1/8 - 1/4 (0.201 mi.)***	***Y447***	***1027***
CON EDISON SERVICE BOX: 20102	110 E 122ND ST	WSW 1/8 - 1/4 (0.205 mi.)	AH456	1041
NY COLLEGE OF PODIATRIC MEDICI	***53 E 124TH ST***	***W 1/8 - 1/4 (0.215 mi.)***	***AC486***	***1103***
CON EDISON	MADISON AVE & E 127 ST	NW 1/8 - 1/4 (0.220 mi.)	AI503	1145
CON EDISON	E 121ST ST & LEXINGTON	SW 1/8 - 1/4 (0.233 mi.)	AX527	1195
CON EDISON	E 121ST ST & LEXINGTON	SW 1/8 - 1/4 (0.233 mi.)	AX528	1196
CON EDISON	E 121ST ST & LEXINGTON	SW 1/8 - 1/4 (0.233 mi.)	AX529	1197
CON EDISON	E 121ST ST & LEXINGTON	SW 1/8 - 1/4 (0.233 mi.)	AX530	1198
CON EDISON SERVICE BOX: 20802	31 E 126 ST	WNW 1/8 - 1/4 (0.238 mi.)	AO557	1247
CON EDISON	1748 PARK AVE	WSW 1/8 - 1/4 (0.244 mi.)	AN568	1259

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	E 128TH ST & 3RD AVE	NE 0 - 1/8 (0.108 mi.)	O198	436
CON EDISON	LEXINGTON AVE & W 129TH	NNE 1/8 - 1/4 (0.154 mi.)	U274	666
CON EDISON	2ND AVE & E 126TH ST	ESE 1/8 - 1/4 (0.159 mi.)	X283	698
CON EDISON	2ND AVE & E 125TH ST	SE 1/8 - 1/4 (0.163 mi.)	Z307	803
CON EDISON	E 125TH ST & 2ND AVE	SE 1/8 - 1/4 (0.163 mi.)	Z310	806
MTA NYCT - 2ND AVE SUBWAY 128T	***2485 2ND AVE***	***E 1/8 - 1/4 (0.166 mi.)***	***AA322***	***820***
CON EDISON	E 127ST & 2ND AVE	E 1/8 - 1/4 (0.167 mi.)	X324	824
CON EDISON SERVICE BOX: 55103	2433 2ND AVE N 124TH ST	SE 1/8 - 1/4 (0.169 mi.)	Z337	843
CON EDISON	E 128TH ST & 2ND AVE	E 1/8 - 1/4 (0.184 mi.)	AA384	924
CON EDISON SERVICE BOX: 55094	2413 2ND AVE	SSE 1/8 - 1/4 (0.186 mi.)	AD394	958
CON EDISON	E 124TH ST & 2ND AVE	SSE 1/8 - 1/4 (0.187 mi.)	AD397	961
CON EDISON	E 130TH ST & LEXINGTON	NNE 1/8 - 1/4 (0.202 mi.)	AL450	1033
CONTINENTAL AUTO BODY	***310 E 126TH ST***	***ESE 1/8 - 1/4 (0.207 mi.)***	***X459***	***1044***

State- and tribal - equivalent CERCLIS

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 05/19/2014 has revealed that there are 4 NY SHWS sites within approximately 1 mile of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIDER AVENUE GAS STATION	250 EAST 138TH STREET	NE 1/2 - 1 (0.638 mi.)	819	1651
2568 PARK	2568 PARK AVENUE	NE 1/2 - 1 (0.697 mi.)	820	1652

Lower Elevation	Address	Direction / Distance	Map ID	Page
VISTA 1	2401 THIRD AVENUE	NE 1/4 - 1/2 (0.373 mi.)	BV672	1432
2350 FIFTH AVENUE CORP	***2350 5TH AVE***	***N 1/2 - 1 (0.831 mi.)***	***823***	***1653***

Class Code: Significant threat to the public health or environment - action required.

NY VAPOR REOPENED: "Vapor intrusion" refers to the process by which volatile chemicals move from a subsurface source into the indoor air of overlying or adjacent buildings. The subsurface source can either be contaminated groundwater or contaminated soil which releases vapors into the pore spaces in the soil. Improvements in analytical techniques and knowledge gained from site investigations in New York and other states has led to an increased awareness of soil vapor as a medium of concern and of the potential for exposures from the soil vapor intrusion pathway. Based on this additional information, New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

A review of the NY VAPOR REOPENED list, as provided by EDR, and dated 04/01/2014 has revealed that there is 1 NY VAPOR REOPENED site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
2350 FIFTH AVENUE CORP	***2350 5TH AVE***	***N 1/2 - 1 (0.831 mi.)***	***823***	***1653***

State and tribal landfill and/or solid waste disposal site lists

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 04/09/2014 has revealed that there are 2 NY SWF/LF sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WMNY LLC HARLEM RIVER YARD	***98 LINCOLN AVENUE***	***ENE 1/4 - 1/2 (0.380 mi.)***	***BT674***	***1434***
PETRO RECYCLING LLC (290EAST 1	290 EAST 132 STREET	ENE 1/4 - 1/2 (0.388 mi.)	BX679	1447

State and tribal leaking storage tank lists

NY 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 NY LTANKS list, as provided by EDR, and dated 05/19/2014 has revealed that there are 53 NY LTANKS sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENGINE CO. 35/LADD. CO. 14 FDN Spill Number/Closed Date: 9801567 / 5/9/2005	2232 3RD AVENUE	S 0 - 1/8 (0.088 mi.)	H144	248
THE EAST DRIVE H.D.F.C. Spill Number/Closed Date: 9802381 / 11/26/2004	205 EAST 124TH STREET	S 0 - 1/8 (0.095 mi.)	L163	314
STORE FRONT Spill Number/Closed Date: 0508613 / 8/3/2006	124 EAST 124TH ST.	WSW 0 - 1/8 (0.105 mi.)	N192	427
1824 PARK AVE/SUNOCO Spill Number/Closed Date: 9108459 / 10/13/2006	1824 PARK AVE	WNW 0 - 1/8 (0.107 mi.)	G196	433
100 E. 124TH ST Spill Number/Closed Date: 9514542 / 1/28/1997	100 E. 124TH ST	W 1/8 - 1/4 (0.137 mi.)	P254	627
2021 LEXINGTON AVENUE Spill Number/Closed Date: 9410094 / 12/30/2003	2021 LEXINGTON AVENUE	SW 1/8 - 1/4 (0.148 mi.)	Q264	652
TAINO TOWER DRY CLEANERS Spill Number/Closed Date: 0000962 / 11/17/2003 Spill Number/Closed Date: 0000963 / Not Reported Spill Number/Closed Date: 0514031 / 12/19/2006	***2253 3RD AVE***	***SSW 1/8 - 1/4 (0.158 mi.)***	***S282***	***678***
78-80 E 127TH ST/NYCHPD Spill Number/Closed Date: 9106395 / 9/13/1991	78-80 E 127TH ST	NW 1/8 - 1/4 (0.170 mi.)	W340	855
ROBINSON HOUSES - JACKIE ROBIN Spill Number/Closed Date: 9808458 / 3/29/1999 Spill Number/Closed Date: 9315465 / 2/27/2004 Spill Number/Closed Date: 9812531 / 5/20/1999	***110 EAST 129TH STREET***	***N 1/8 - 1/4 (0.180 mi.)***	***AE359***	***879***
SPILL NUMBER 9810692 Spill Number/Closed Date: 0403282 / 1/9/2006	***1944 MADISON AV***	***WNW 1/8 - 1/4 (0.217 mi.)***	***AP494***	***1128***
SPILL NUMBER 0403909 Spill Number/Closed Date: 0403909 / 9/27/2004	1908-1914 PARK AVE	N 1/8 - 1/4 (0.219 mi.)	AE497	1136
1944 MADISON AVENUE Spill Number/Closed Date: 9507018 / 3/8/2004	1944 MADISON AVENUE	WNW 1/8 - 1/4 (0.219 mi.)	AP500	1141
SPILL NUMBER 0209046 Spill Number/Closed Date: 0209020 / 9/22/2005	***60 EAST 130TH ST***	***NNW 1/4 - 1/2 (0.273 mi.)***	***AZ589***	***1305***
SPILL NUMBER 0209093 Spill Number/Closed Date: 0209093 / 12/4/2002	60 E 130TH ST	NNW 1/4 - 1/2 (0.273 mi.)	AZ590	1308
MORRIS PARK SENIOR CITIZEN (J Spill Number/Closed Date: 9004771 / 9/20/1996	***17 EAST 124TH STREET***	***WNW 1/4 - 1/2 (0.283 mi.)***	***BF595***	***1315***
2002 5TH AVENUE Spill Number/Closed Date: 9312897 / 2/3/1994	2002 5TH AVENUE	WNW 1/4 - 1/2 (0.311 mi.)	BD620	1352
UNKNOWN Spill Number/Closed Date: 0008608 / 6/11/2007	222 EAST 119TH ST	SSW 1/4 - 1/2 (0.336 mi.)	BH641	1386
NYC PARKS Spill Number/Closed Date: 0515023 / Not Reported	122 ND & 5TH AVE	W 1/4 - 1/2 (0.354 mi.)	655	1408
52 PAYTON CORP - MAN Spill Number/Closed Date: 8910155 / 1/24/1990	52 W 126TH ST	WNW 1/4 - 1/2 (0.407 mi.)	CC697	1476
2 WEST 120TH STREET Spill Number/Closed Date: 9612461 / 2/13/1997	***2 WEST 120TH ST***	***WSW 1/4 - 1/2 (0.420 mi.)***	***CD712***	***1499***
RESIDENCE Spill Number/Closed Date: 0412055 / 7/18/2005	4 E. 132ND ST.	NNW 1/4 - 1/2 (0.428 mi.)	CF727	1524
JACOB'S RESIDENCE Spill Number/Closed Date: 0203815 / 10/21/2005	203 EAST 117TH ST	SSW 1/4 - 1/2 (0.432 mi.)	CJ734	1533

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC TRANSIT AUTH Spill Number/Closed Date: 0203324 / 3/31/2004	132E & W 132ND ST	NNW 1/4 - 1/2 (0.432 mi.)	CF735	1534
34 MT MORRIS PARKWAY Spill Number/Closed Date: 9412838 / 1/3/2006	34 MT MORRIS PARKWAY	WNW 1/4 - 1/2 (0.435 mi.)	CL738	1538
PELHAM FRITZ RECREATION C Spill Number/Closed Date: 0602813 / Not Reported	***18 MOUNT MORRIS PARK WE***	***W 1/4 - 1/2 (0.443 mi.)***	***CP749***	***1557***
SPILL NUMBER 9911165 Spill Number/Closed Date: 9911165 / 12/27/1999	75 W. 126TH ST	WNW 1/4 - 1/2 (0.451 mi.)	CC755	1567
33 W 131ST ST Spill Number/Closed Date: 8911311 / 3/16/1990	43 W 131ST ST	NNW 1/4 - 1/2 (0.463 mi.)	CS765	1578
SPILL NUMBER 0209164 Spill Number/Closed Date: 0209164 / 12/6/2002	***25 W 132ND ST***	***NNW 1/4 - 1/2 (0.468 mi.)***	***CU773***	***1588***
PARKING LOT NEXT TO APT BUILDI Spill Number/Closed Date: 0406637 / 9/21/2004	***25 WEST 132ND ST.***	***NNW 1/4 - 1/2 (0.468 mi.)***	***CU774***	***1591***
24 WEST 121 STREET Spill Number/Closed Date: 9908095 / 10/17/2005	24 W 121ST STREET	W 1/4 - 1/2 (0.483 mi.)	CP797	1622
201 EAST 116TH ST Spill Number/Closed Date: 0108081 / 11/8/2001	201 EAST 116TH ST	SSW 1/4 - 1/2 (0.486 mi.)	DB799	1624
APARTMENT BUILDING Spill Number/Closed Date: 0310572 / 3/5/2004	123 E. 116TH STREET	SW 1/4 - 1/2 (0.488 mi.)	DA803	1629
42 WEST 120TH ST/CIBRO Spill Number/Closed Date: 8803777 / 11/6/2001	42 WEST 120TH STREET	W 1/4 - 1/2 (0.494 mi.)	CX811	1640
42 WEST 120TH STREET Spill Number/Closed Date: 9313894 / 12/5/1994	42 WEST 120TH STREET	W 1/4 - 1/2 (0.494 mi.)	CX813	1643
HOME COURT DEVELOPMENT CORP Spill Number/Closed Date: 0409042 / 11/18/2005	***310 LENOX AVE***	***WNW 1/4 - 1/2 (0.496 mi.)***	***814***	***1644***
APARTMENT HOUSE Spill Number/Closed Date: 9912013 / 2/8/2000	45 W 132ND ST	NNW 1/4 - 1/2 (0.499 mi.)	CU817	1647
APARTMENT BLDG Spill Number/Closed Date: 9712788 / 2/17/1998	***45 WEST 132ND ST***	***NNW 1/4 - 1/2 (0.499 mi.)***	***CU818***	***1649***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMOCO Spill Number/Closed Date: 8809618 / 3/25/2004	255 EAST 125TH STREET	SE 0 - 1/8 (0.105 mi.)	K190	424
126TH ST BUS DEPOT Spill Number/Closed Date: 9912782 / 5/4/2004 Spill Number/Closed Date: 9007322 / 6/30/2005	***2460 SECOND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X291***	***745***
DEPOT 126TH ST Spill Number/Closed Date: 9709477 / 4/12/2004	***2460 2ND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X294***	***767***
230 EAST 123RD ST/MANH Spill Number/Closed Date: 8905085 / 11/15/1994	230 EAST 123RD STREET	SSE 1/8 - 1/4 (0.171 mi.)	V347	863
OTERO, 128TH & 2ND Spill Number/Closed Date: 8600789 / 5/1/1986	2ND AVE / 128TH ST	E 1/8 - 1/4 (0.182 mi.)	AA369	909
RESIDENCE Spill Number/Closed Date: 0000067 / 3/17/2008	212 EAST 122ND STREET	S 1/8 - 1/4 (0.198 mi.)	V434	1009
126TH BUS DEPOT Spill Number/Closed Date: 9903002 / 12/27/2000	246 SECOND AVENUE	ESE 1/8 - 1/4 (0.235 mi.)	AS546	1229

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
*MANHATTAN EAST 10 DOS -DDC	*110 EAST 131ST STREET*	*N 1/4 - 1/2 (0.263 mi.)*	*BC584*	*1283*
Spill Number/Closed Date: 9709777 / Not Reported				
Spill Number/Closed Date: 0106036 / 9/23/2003				
WAGNER HOUSES	*2360 FIRST AVENUE*	*SE 1/4 - 1/2 (0.316 mi.)*	*BM625*	*1358*
Spill Number/Closed Date: 9003394 / 1/26/2006				
- APARTMENT BLDG - TTF	120TH ST & SECOND AVE	S 1/4 - 1/2 (0.324 mi.)	BN632	1376
Spill Number/Closed Date: 9808968 / Not Reported				
AMES MEDICAL EQUIPMENT	2417 3RD AV	NE 1/4 - 1/2 (0.398 mi.)	BV690	1467
Spill Number/Closed Date: 0108613 / 12/4/2001				
SPILL NUMBER 0108616	*225 EAST 134TH ST*	*NE 1/4 - 1/2 (0.425 mi.)*	*CE718*	*1512*
Spill Number/Closed Date: 0108616 / 3/29/2004				
333 EAST 118TH ST	333 EAST 118TH ST	S 1/4 - 1/2 (0.433 mi.)	737	1537
Spill Number/Closed Date: 0100130 / 4/10/2006				
LINCOLN -NYCHA	*2130 MADISON AVE*	*N 1/4 - 1/2 (0.440 mi.)*	*CH744*	*1546*
Spill Number/Closed Date: 9004249 / 10/26/2005				
Spill Number/Closed Date: 9315464 / 10/26/2005				
LINCOLN	2142 MADISON AVENUE	N 1/4 - 1/2 (0.463 mi.)	CH763	1576
Spill Number/Closed Date: 9104756 / 8/2/1991				
- CORSI HOUSES (JEFFERSON) -NYCH	306 EAST 117TH STREET	S 1/4 - 1/2 (0.463 mi.)	CR764	1577
Spill Number/Closed Date: 9500828 / Not Reported				

State and tribal registered storage tank lists

NY TANKS: This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

A review of the NY TANKS list, as provided by EDR, and dated 03/31/2014 has revealed that there is 1 NY TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
178 E 124 ST	178 EAST 124TH STREET	SSW 0 - 1/8 (0.085 mi.)	H140	240

NY 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 NY UST list, as provided by EDR, and dated 03/31/2014 has revealed that there are 15 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
156-158 EAST 126TH STREET	*156-158 EAST 126TH STRE*	*NNW 0 - 1/8 (0.004 mi.)*	*A14*	*23*
1775 HOUSES	*107-129 EAST 126TH STRE*	*NW 0 - 1/8 (0.056 mi.)*	*C89*	*134*
JADA LLC	*1824 PARK AVENUE*	*WNW 1/8 - 1/4 (0.127 mi.)*	*P229*	*551*
G & M SERVICE CENTER INC	*1824 PARK AVE*	*WNW 1/8 - 1/4 (0.127 mi.)*	*P230*	*578*
A K HOUSES	*112-128 EAST 128TH ST*	*N 1/8 - 1/4 (0.141 mi.)*	*U258*	*633*
TAINO TOWER DRY CLEANERS	*2253 3RD AVE*	*SSW 1/8 - 1/4 (0.158 mi.)*	*S282*	*678*
EPHESUS SEVENTH-DAY ADVENTIST	101 W 123RD STREET	WSW 1/8 - 1/4 (0.168 mi.)	AB332	835

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROBINSON HOUSES - JACKIE ROBIN	***110 EAST 129TH STREET***	***N 1/8 - 1/4 (0.180 mi.)***	***AE359***	***879***
EAST SIDE GAS INC	***1890 PARK AVE***	***NNW 1/8 - 1/4 (0.181 mi.)***	***AE367***	***897***
DOWNING STADIUM	***DOWNING STADIUM***	***SW 1/8 - 1/4 (0.213 mi.)***	***AH474***	***1086***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP #35263	***255 EAST 125TH STREET***	***SE 0 - 1/8 (0.104 mi.)***	***K181***	***392***
POTAMKIN NEW YORK LP	2495 2ND AVE	E 0 - 1/8 (0.118 mi.)	I217	519
POLICE SERVICE AREA 5 (NYPD HO	221 EAST 123RD STREET	S 1/8 - 1/4 (0.155 mi.)	V277	668
126TH STREET BUS DEPOT	2460 SECOND AVENUE	ESE 1/8 - 1/4 (0.160 mi.)	X292	750
FORMER OLD CERTIFIED CONCRETE	***EAST 127TH ST AND 2ND A***	***E 1/8 - 1/4 (0.169 mi.)***	***AA338***	***844***

NY 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 NY AST list, as provided by EDR, and dated 03/31/2014 has revealed that there are 51 NY AST sites within approximately 0.25 miles of the target property.

Adj W
Adj S
Adj S

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
2085 LEXINGTON AVE	A.K.A 142 E.126TH ST.	WNW 0 - 1/8 (0.009 mi.)	A19	29
BLOCK 1774, LOT 47	155 EAST 125TH STREET	WSW 0 - 1/8 (0.030 mi.)	A34	52
BLOCK 1774, LOT 27	***157 EAST 125TH STREET***	***SW 0 - 1/8 (0.030 mi.)***	***A35***	***54***
JOYJAK REALTY CORP	***145 E 125TH ST***	***WSW 0 - 1/8 (0.033 mi.)***	***D52***	***84***
1775 HOUSES	***107-129 EAST 126TH STRE***	***NW 0 - 1/8 (0.056 mi.)***	***C89***	***134***
APPLE BANK FOR SAVINGS	124 EAST 125TH STREET	W 0 - 1/8 (0.069 mi.)	G114	192
ENGINE COMPANY 36	120 EAST 125TH STREET	W 0 - 1/8 (0.077 mi.)	G120	207
TRIBOROUGH STATION	***167 E 124TH STREET***	***SSW 0 - 1/8 (0.082 mi.)***	***H122***	***213***
THE EAST DRIVE H.D.F.C.	***205-207 EAST 124TH STRE***	***S 0 - 1/8 (0.090 mi.)***	***L150***	***265***
206 EAST 124TH STREET CONDOMIN	206 EAST 124TH STREET	S 0 - 1/8 (0.093 mi.)	L153	275
125TH STREET STATION	CORNER OF 125TH STREET	WNW 0 - 1/8 (0.098 mi.)	G171	358
2027 LEXINGTON AVE	2027 LEXINGTON AVE	SW 0 - 1/8 (0.102 mi.)	N176	379
EAST SIDE FLOOR SUPPLIES INC.	124 EAST 124TH STREET	WSW 0 - 1/8 (0.105 mi.)	N191	425
103 E. 125TH STREET REALTY COR	1825 PARK AVENUE	WNW 0 - 1/8 (0.109 mi.)	G203	440
NYC DEPARTMENT OF SANITATION	177 EAST 123RD STREET	SSW 1/8 - 1/4 (0.134 mi.)	S241	605
100-102 EAST 124 REALTY ASSOCI	***100-102 EAST 124 STREET***	***W 1/8 - 1/4 (0.137 mi.)***	***P255***	***629***
A K HOUSES	***112-128 EAST 128TH ST***	***N 1/8 - 1/4 (0.141 mi.)***	***U258***	***633***
ROBINSON HOUSES - JACKIE ROBIN	120 EAST 123RD STREET	WSW 1/8 - 1/4 (0.148 mi.)	Q265	653
MET-PACA II ASSOCIATES	***2010 LEXINGTON AVE***	***SW 1/8 - 1/4 (0.157 mi.)***	***Q279***	***673***
79 E 125TH STREET	79 EAST 125TH STREET	WNW 1/8 - 1/4 (0.165 mi.)	Y317	814
78 EAST 127TH STREET	78 EAST 127TH STREET	NW 1/8 - 1/4 (0.171 mi.)	W341	856
MET-PACA II ASSOCIATES	***135 EAST 122 STREET***	***SW 1/8 - 1/4 (0.190 mi.)***	***AH408***	***975***
OLYMPUS EQUITIES INC.	***63 EAST 125TH STREET***	***WNW 1/8 - 1/4 (0.193 mi.)***	***Y416***	***987***
FY 1661 PARK LLC	105 EAST 117 ST.	WSW 1/8 - 1/4 (0.209 mi.)	AH466	1075
UPACA I & II (KNW ASSOC.)	1990 LEXINGTON AVE	SW 1/8 - 1/4 (0.211 mi.)	AF468	1080
NY COLLEGE OF PODIATRIC MEDICI	53 EAST 124TH STREET	W 1/8 - 1/4 (0.215 mi.)	AC485	1101
1958 MADISON AVE	1958 MADISON AVE	WNW 1/8 - 1/4 (0.215 mi.)	AP487	1118
C & G ASSOCIATES	***1941 MADISON AVENUE***	***WNW 1/8 - 1/4 (0.219 mi.)***	***AP495***	***1131***
BRAVO REALTY CORP.	1944 MADISON AVENUE	WNW 1/8 - 1/4 (0.219 mi.)	AP498	1137
CHANDER AUTO REPAIR, INC.	1908 PARK AVE	N 1/8 - 1/4 (0.219 mi.)	AE502	1142
1931 MADISON AVE	***1931 MADISON AVENUE***	***W 1/8 - 1/4 (0.223 mi.)***	***AP509***	***1153***
PARK AVE LEARNING CTR (M501)	2005 MADISON AVENUE	NW 1/8 - 1/4 (0.225 mi.)	AI511	1158
JOINT DISEASES N GEN HOSP	***1919 MADISON AVE***	***W 1/8 - 1/4 (0.230 mi.)***	***AT518***	***1169***
HARLEM COURT	EAST 121ST STREET/ SYLV	SSW 1/8 - 1/4 (0.234 mi.)	AW532	1200
54 EAST 129 STREET	54 EAST 129TH STREET	NNW 1/8 - 1/4 (0.245 mi.)	AZ570	1263

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
51 EAST 129TH STREET	51 EAST 129TH STREET	NNW 1/8 - 1/4 (0.249 mi.)	AZ576	1271

Lower Elevation	Address	Direction / Distance	Map ID	Page
2322 THIRD AVE	2322 THIRD AVENUE	ESE 0 - 1/8 (0.026 mi.)	B30	42
UPTOWN AUTO EST. DBA MIDAS	223 EAST 125TH STREET	SE 0 - 1/8 (0.066 mi.)	E108	179
220-222 EAST 25TH ST	***220-222 EAST 25TH STREE***	***SE 0 - 1/8 (0.094 mi.)***	***K160***	***301***
220 EAST 125 ST CORP	***220 E 125 ST***	***SE 0 - 1/8 (0.094 mi.)***	***K161***	***305***
P.S. 30/31	***144 EAST 128TH STREET***	***N 0 - 1/8 (0.104 mi.)***	***M179***	***384***
254 EAST 125TH STREET	***254 EAST 125TH STREET***	***SE 0 - 1/8 (0.105 mi.)***	***K185***	***411***
POTAMKIN NEW YORK LP	2495 2ND AVE	E 0 - 1/8 (0.118 mi.)	I218	528
126TH STREET BUS DEPOT	***2460 SECOND AVENUE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X296***	***772***
FORMER OLD CERTIFIED CONCRETE	***EAST 127TH ST AND 2ND A***	***E 1/8 - 1/4 (0.169 mi.)***	***AA338***	***844***
302 EAST 126TH STREET	302 EAST 126TH STREET	ESE 1/8 - 1/4 (0.180 mi.)	X364	892
KIEWIT CONSTRUCTORS INC/WEEKS	2600 SECOND AVENUE	E 1/8 - 1/4 (0.185 mi.)	AA392	943
EAST 122 REALTY LLC.	212 EAST 122ND STREET	S 1/8 - 1/4 (0.198 mi.)	V433	1007
2170 LEXINGTON AVENUE	***2170 LEXINGTON AVENUE***	***NNE 1/8 - 1/4 (0.204 mi.)***	***AL452***	***1035***
123 EAST 130TH ST.	***123 EAST 130TH ST.***	***N 1/8 - 1/4 (0.220 mi.)***	***AR504***	***1146***
SHARP MANAGMENT	318 EAST 126TH ST.	ESE 1/8 - 1/4 (0.232 mi.)	AV522	1187

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 2 NY CBS AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
126 STREET BUS DEPOT	***2460 2 AVENUE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X295***	***770***
WAGNER	***124TH STREET BET. 1ST &***	***SE 1/8 - 1/4 (0.229 mi.)***	***AU517***	***1167***

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 03/31/2014 has revealed that there are 2 NY CBS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
126 STREET BUS DEPOT	***2460 2 AVENUE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X295***	***770***
WAGNER	***124TH STREET BET. 1ST &***	***SE 1/8 - 1/4 (0.229 mi.)***	***AU517***	***1167***

State and tribal Brownfields sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 05/19/2014 has revealed that there

is 1 NY BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARLEM PARK	1800-1808 PARK AVE 71 E	WSW 1/8 - 1/4 (0.168 mi.)	AB334	839

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 04/09/2014 has revealed that there is 1 NY SWRCY site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCDOS EAST HARLEM MRF	EAST 127TH AND 2ND AVEN	E 1/8 - 1/4 (0.167 mi.)	X325	825

Local Lists of Registered Storage Tanks

NY HIST UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY HIST UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 9 NY HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
156-158 EAST 126TH STREET	*156-158 EAST 126TH STRE*	*NNW 0 - 1/8 (0.004 mi.)*	*A14*	*23*
JADA LLC	*1824 PARK AVENUE*	*WNW 1/8 - 1/4 (0.127 mi.)*	*P229*	*551*
G & M SERVICE CENTER INC	*1824 PARK AVE*	*WNW 1/8 - 1/4 (0.127 mi.)*	*P230*	*578*
TAINO TOWER DRY CLEANERS	*2253 3RD AVE*	*SSW 1/8 - 1/4 (0.158 mi.)*	*S282*	*678*
EAST SIDE GAS INC	*1890 PARK AVE*	*NNW 1/8 - 1/4 (0.181 mi.)*	*AE367*	*897*
DOWNING STADIUM	*DOWNING STADIUM*	*SW 1/8 - 1/4 (0.213 mi.)*	*AH474*	*1086*
1944 MADISON AVENUE	1944 MADISON AVENUE	WNW 1/8 - 1/4 (0.219 mi.)	AP499	1140

Lower Elevation	Address	Direction / Distance	Map ID	Page
BP #35263	*255 EAST 125TH STREET*	*SE 0 - 1/8 (0.104 mi.)*	*K181*	*392*
126TH STREET BUS DEPOT	*2460 SECOND AVENUE*	*ESE 1/8 - 1/4 (0.160 mi.)*	*X296*	*772*

NY HIST 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 NY HIST AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 31 NY HIST AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RBM TRADING CORP	2085 LEXINGTON AVE	WNW 0 - 1/8 (0.009 mi.)	A20	31
BLOCK 1774, LOT 47	155 EAST 125TH STREET	WSW 0 - 1/8 (0.030 mi.)	A33	51

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BLOCK 1774, LOT 27	***157 EAST 125TH STREET***	***SW 0 - 1/8 (0.030 mi.)***	***A35***	***54***
JOYJAK REALTY CORP	***145 E 125TH ST***	***WSW 0 - 1/8 (0.033 mi.)***	***D52***	***84***
APPLE BANK FOR SAVINGS	124 EAST 125 ST	W 0 - 1/8 (0.066 mi.)	G111	190
OBERIA EMPSEY MULTI-SERVICE	127 WEST 127TH STREET	NNW 0 - 1/8 (0.069 mi.)	C116	196
TRIBOROUGH STATION	***167 E 124TH STREET***	***SSW 0 - 1/8 (0.082 mi.)***	***H122***	***213***
EMPIRE ELEVATON CORP	178 E 124 ST	SSW 0 - 1/8 (0.085 mi.)	H139	239
THE EAST DRIVE H.D.F.C.	***205-207 EAST 124TH STRE***	***S 0 - 1/8 (0.090 mi.)***	***L150***	***265***
ROSIE AND HARRY'S PLACE	206 EAST 124TH STREET	S 0 - 1/8 (0.093 mi.)	L152	274
125TH STREET STATION	CORNER OF 125TH STREET	WNW 1/8 - 1/4 (0.129 mi.)	P235	598
100-102 EAST 124 REALTY ASSOCI	***100-102 EAST 124 STREET***	***W 1/8 - 1/4 (0.137 mi.)***	***P255***	***629***
MET-PACA II ASSOCIATES	***2010 LEXINGTON AVE***	***SW 1/8 - 1/4 (0.157 mi.)***	***Q279***	***673***
EPHESUS SEVENTH-DAY ADVENTIST	101 W 123RD STREET	WSW 1/8 - 1/4 (0.168 mi.)	AB333	838
78 EAST 127TH STREET	78 EAST 127TH STREET	NW 1/8 - 1/4 (0.171 mi.)	W342	858
MET-PACA II ASSOCIATES	***135 EAST 122 STREET***	***SW 1/8 - 1/4 (0.190 mi.)***	***AH408***	***975***
OLYMPUS EQUITIES INC.	***63 EAST 125TH STREET***	***WNW 1/8 - 1/4 (0.193 mi.)***	***Y416***	***987***
1958 MADISON AVE	1958 MADISON AVE	WNW 1/8 - 1/4 (0.215 mi.)	AP488	1120
C & G ASSOCIATES	***1941 MADISON AVENUE***	***WNW 1/8 - 1/4 (0.219 mi.)***	***AP495***	***1131***
1931 MADISON AVE	***1931 MADISON AVENUE***	***W 1/8 - 1/4 (0.223 mi.)***	***AP509***	***1153***
JOINT DISEASES N GEN HOSP	***1919 MADISON AVE***	***W 1/8 - 1/4 (0.230 mi.)***	***AT518***	***1169***
HARLEM COURT BUILDING	EAST 121ST ST/ SYLVAN P	SSW 1/8 - 1/4 (0.234 mi.)	AW531	1199
54 EAST 129 STREET	54 EAST 129TH STREET	NNW 1/8 - 1/4 (0.245 mi.)	AZ571	1265
51 EAST 129TH STREET	51 EAST 129TH STREET	NNW 1/8 - 1/4 (0.249 mi.)	AZ575	1270

Lower Elevation	Address	Direction / Distance	Map ID	Page
UPTOWN AUTO EST. DBA MIDAS	223 EAST 125 STREET	SE 0 - 1/8 (0.066 mi.)	E107	178
220-222 EAST 25TH ST	***220-222 EAST 25TH STREE***	***SE 0 - 1/8 (0.094 mi.)***	***K160***	***301***
220 EAST 125 ST CORP	***220 E 125 ST***	***SE 0 - 1/8 (0.094 mi.)***	***K161***	***305***
P.S. 30/31	***144 EAST 128TH STREET***	***N 0 - 1/8 (0.104 mi.)***	***M179***	***384***
254 EAST 125TH STREET	***254 EAST 125TH STREET***	***SE 0 - 1/8 (0.105 mi.)***	***K185***	***411***
126TH STREET BUS DEPOT	***2460 SECOND AVENUE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X296***	***772***
302 EAST 126TH STREET	302 EAST 126TH STREET	ESE 1/8 - 1/4 (0.180 mi.)	X365	894

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 05/19/2014 has revealed that there are 339 NY Spills sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROADWAY	126TH AND LEXINGTON AVE	NW 0 - 1/8 (0.020 mi.)	A28	39
Spill Number/Closed Date: 0403213 / 9/29/2004				
Spill Number/Closed Date: 0810512 / 12/19/2008				
BETWEEN 3RD & LEXINGTON AVE	153 EAST 125TH ST	WSW 0 - 1/8 (0.032 mi.)	D46	67
Spill Number/Closed Date: 0609087 / 12/1/2006				
ON THE ROADWAY	151 E. 125TH ST	WSW 0 - 1/8 (0.032 mi.)	D48	69
Spill Number/Closed Date: 0608906 / 11/3/2006				
125TH ST AND LEXINGTON AVE	125TH ST AND LEXINGTON	WSW 0 - 1/8 (0.035 mi.)	D53	87
Spill Number/Closed Date: 1004265 / 7/19/2010				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUS Spill Number/Closed Date: 0706559 /	LEXINGTON AVE ^ 125TH S 9/12/2007	WSW 0 - 1/8 (0.035 mi.)	D54	88
218014; E 125 ST AND LEXINGTON Spill Number/Closed Date: 0914388 /	E 125 ST AND LEXINGTON 9/29/2009	WSW 0 - 1/8 (0.036 mi.)	D59	94
2ND AVE SUBWAY -NYCT Spill Number/Closed Date: 0300354 /	LEXINGTON & 125TH ST 8/26/2005	WSW 0 - 1/8 (0.036 mi.)	D60	96
MH39246 Spill Number/Closed Date: 9907360 /	E 125TH ST & LEXINGTON 2/3/2004	WSW 0 - 1/8 (0.036 mi.)	D61	97
CROSSWALKS Spill Number/Closed Date: 1205465 /	125TH / 3RD AVE 8/31/2012	SSE 0 - 1/8 (0.040 mi.)	E69	108
MANHOLE 39242 Spill Number/Closed Date: 9809077 /	125TH ST /LEXINGTON AVE 11/14/2003	WSW 0 - 1/8 (0.051 mi.)	D78	116
SPILL NUMBER 9905454 Spill Number/Closed Date: 9905454 /	125TH ST & LEXINGTON AV 8/6/1999	WSW 0 - 1/8 (0.051 mi.)	D82	126
APPLE BANK Spill Number/Closed Date: 9512216 /	124 EAST 125TH ST 12/29/1995	W 0 - 1/8 (0.066 mi.)	G109	182
CAPITAL CAPTRE ELECTRICAL Spill Number/Closed Date: 0913500 /	2289 3RD AVE 5/7/2010	S 0 - 1/8 (0.069 mi.)	E115	195
US POST OFFICE Spill Number/Closed Date: 0005315 /	167 EAST 124TH ST 5/28/2009	SW 0 - 1/8 (0.084 mi.)	H131	224
IFO FIREHOUSE Spill Number/Closed Date: 0330038 /	2282 3RD AVE 10/3/2003	S 0 - 1/8 (0.088 mi.)	H145	250
COMMERCIAL BUILDING Spill Number/Closed Date: 1206944 /	103 EAST 125 ST Not Reported	WNW 0 - 1/8 (0.106 mi.)	G195	432
JACKIE ROBINSON CONSOLID. -NYC Spill Number/Closed Date: 9910794 /	129 E.128TH ST Not Reported	N 0 - 1/8 (0.112 mi.)	M209	456
TRANSFORMER TM 2483 Spill Number/Closed Date: 1101221 /	EAST 125TH AND PARK AVE 5/5/2011	WNW 0 - 1/8 (0.123 mi.)	P222	544
METRO NORTH Spill Number/Closed Date: 8600055 /	126TH ST. & PARK AVE. 4/2/1986	WNW 1/8 - 1/4 (0.126 mi.)	J226	549
ON STREET Spill Number/Closed Date: 0314214 /	125TH ST & PARK AVE 4/5/2004	WNW 1/8 - 1/4 (0.129 mi.)	P236	599
2ND AVE SUBWAY PROJECT - NYCT Spill Number/Closed Date: 0302791 /	PARK AVE/125TH ST 9/1/2005	WNW 1/8 - 1/4 (0.129 mi.)	P237	601
PARK AVE VIA DUCT Spill Number/Closed Date: 0111487 /	125TH ST & PARK AVE 3/8/2002	WNW 1/8 - 1/4 (0.129 mi.)	P239	603
VAULT #9153 Spill Number/Closed Date: 0400692 /	3RD AVE / E 123 ST 7/27/2004	S 1/8 - 1/4 (0.136 mi.)	S251	624
IMPACTED SOIL FOUND IN EXCAVAT Spill Number/Closed Date: 0708523 /	PARK AVE & EAST 127 STR 2/20/2008	NW 1/8 - 1/4 (0.136 mi.)	R252	625
I PT OF UNKN SUBSTANCE IN SB 2 Spill Number/Closed Date: 0610058 /	105 EAST 128 STREET 2/16/2007	NNW 1/8 - 1/4 (0.143 mi.)	R260	639
1800 PARK AVE Spill Number/Closed Date: 0402211 /	1800 PARK AVE Not Reported	W 1/8 - 1/4 (0.149 mi.)	P267	656
CONCRETE Spill Number/Closed Date: 1110726 /	2010 LEXINGTON AVE 12/5/2011	SW 1/8 - 1/4 (0.157 mi.)	Q280	676

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPILL NUMBER 0206541 Spill Number/Closed Date: 0206541 / 9/25/2002	79 E 125TH ST	WNW 1/8 - 1/4 (0.164 mi.)	Y316	813
125TH ST BTWN MADISON -NYCT Spill Number/Closed Date: 0301445 / 8/26/2005	125TH ST PARK& MADISON	WNW 1/8 - 1/4 (0.169 mi.)	Y339	854
SERVICE BOX 42143 Spill Number/Closed Date: 0906507 / 9/16/2009	PARK AVE 128TH/129TH	NNW 1/8 - 1/4 (0.172 mi.)	R349	867
79 E 124TH ST Spill Number/Closed Date: 9304099 / 3/31/1995	79 E 124TH ST	W 1/8 - 1/4 (0.177 mi.)	AC354	874
ROBINSON HOUSES - JACKIE ROBIN Spill Number/Closed Date: 9907036 / 2/27/2004 Spill Number/Closed Date: 0001625 / 12/30/2009	***110 EAST 129TH STREET***	***N 1/8 - 1/4 (0.180 mi.)***	***AE359***	***879***
1890 PARK AVE CORP Spill Number/Closed Date: 9902912 / 10/5/2005	1890 PARK AVE	NNW 1/8 - 1/4 (0.180 mi.)	AE363	891
MANHOLE #39219 Spill Number/Closed Date: 9901217 / 1/29/2004	E 122ND ST & LEXINGTON	SW 1/8 - 1/4 (0.184 mi.)	AF383	922
V 1899 Spill Number/Closed Date: 0509581 / 12/6/2005	1901 PARK AVE	N 1/8 - 1/4 (0.187 mi.)	AE398	962
SPILL NUMBER 9900859 Spill Number/Closed Date: 9900859 / 1/10/2000	64 EAST 127TH ST	NW 1/8 - 1/4 (0.194 mi.)	AI418	991
64 E 127TH ST Spill Number/Closed Date: 0212478 / 10/25/2005	64 E 127TH ST	NW 1/8 - 1/4 (0.195 mi.)	AI421	994
213215; E 129 ST AND PARK AVE Spill Number/Closed Date: 0814380 / 12/9/2009	E 129 ST AND PARK AVE	NNW 1/8 - 1/4 (0.197 mi.)	AE429	1002
CONTRACTOR SPILLED A BIT OF OI Spill Number/Closed Date: 0613122 / 4/24/2007	1901 PARK AVE AT EAST 1	N 1/8 - 1/4 (0.199 mi.)	AE436	1013
PARK VIEW S/S. 40 GAL INTO MOA Spill Number/Closed Date: 0711032 / 3/20/2008	1901 PARK AVE. SUBSTATI	N 1/8 - 1/4 (0.199 mi.)	AE437	1015
2236 3RD AVE Spill Number/Closed Date: 0201236 / 9/18/2002	2236 3RD AVE OFF OF 128	SSW 1/8 - 1/4 (0.201 mi.)	AF442	1019
SERVICE BOX 45748 Spill Number/Closed Date: 9812162 / 11/4/2003	2238 3RD AVE	SSW 1/8 - 1/4 (0.201 mi.)	AG443	1021
SERVICE BOX 45747 Spill Number/Closed Date: 9812163 / 11/4/2003	2236 3RD AVE	SSW 1/8 - 1/4 (0.207 mi.)	AG457	1042
CONSTRUCTION SITE Spill Number/Closed Date: 0508666 / 1/4/2007	1761 PARK AVE	WSW 1/8 - 1/4 (0.213 mi.)	AN470	1082
VACANT LOT Spill Number/Closed Date: 0613636 / 3/27/2007	1761 PARK AVENUE	WSW 1/8 - 1/4 (0.213 mi.)	AN471	1083
125TH ST &MADISON AV/MANH Spill Number/Closed Date: 9100219 / 4/4/1991	125TH ST & MADISON AVE	WNW 1/8 - 1/4 (0.213 mi.)	AP476	1090
ROADWAY Spill Number/Closed Date: 1202256 / 6/6/2012	125TH ST & MADISON AVE	WNW 1/8 - 1/4 (0.214 mi.)	AP480	1096
MANHOLE 50813 Spill Number/Closed Date: 0807522 / 11/24/2008	NE CORNER EAST 125TH ST	WNW 1/8 - 1/4 (0.214 mi.)	AP484	1100
SPILL NUMBER 9810692 Spill Number/Closed Date: 9810690 / 11/23/1998 Spill Number/Closed Date: 9810692 / 11/23/1998	***1944 MADISON AV***	***WNW 1/8 - 1/4 (0.217 mi.)***	***AP494***	***1128***
1760 PARK AVENUE Spill Number/Closed Date: 9312659 / 3/17/1994	1760 PARK AVENUE	WSW 1/8 - 1/4 (0.221 mi.)	AN505	1150

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
57-73 128TH ST Spill Number/Closed Date: 9902613 / 7/11/2005	57-73 128TH ST	NW 1/8 - 1/4 (0.223 mi.)	AK508	1152
1931 MADISON AVE Spill Number/Closed Date: 1011453 / 2/17/2011	***1931 MADISON AVENUE***	***W 1/8 - 1/4 (0.223 mi.)***	***AP509***	***1153***
2005 MADISON AV & 128TH Spill Number/Closed Date: 9005731 / 2/4/1998	2005 MADISON AV	NW 1/8 - 1/4 (0.225 mi.)	AI513	1162
DUTCH REFORM CHURCH OF HARLEM Spill Number/Closed Date: 0801742 / 7/14/2009	171 EAST 121 STREET	SSW 1/8 - 1/4 (0.233 mi.)	AW523	1189
HARLEM COURTHOUSE Spill Number/Closed Date: 0013256 / 12/10/2003	170 EAST 121ST STREET	SSW 1/8 - 1/4 (0.233 mi.)	AW524	1190
PARKING LOT Spill Number/Closed Date: 0703216 / 6/19/2007	1980 LEXINGTON AVE	SW 1/8 - 1/4 (0.234 mi.)	AX533	1202
JULFINE REALTY CORP Spill Number/Closed Date: 9506020 / 8/16/1995	2223 3RD AVE	SSW 1/8 - 1/4 (0.234 mi.)	AG536	1205
CONSTRUCTION SITE Spill Number/Closed Date: 1203926 / 7/24/2012	1901 MADISON AVE	W 1/8 - 1/4 (0.245 mi.)	AM572	1267
FREON RELEASE AT ASSOCIATED SU Spill Number/Closed Date: 1202497 / 6/13/2012	2212 THIRD AVE	SSW 1/8 - 1/4 (0.249 mi.)	AW578	1275
ALL SAINTS CHURCH Spill Number/Closed Date: 9802460 / 12/1/2003	47 E 129TH ST	NNW 1/4 - 1/2 (0.254 mi.)	AZ580	1278
MANHOLE 48437 Spill Number/Closed Date: 0006564 / 11/23/2001	SYLVAN PL	SSW 1/4 - 1/2 (0.260 mi.)	AW582	1281
216162; 121 E 52 ST AND PARK A Spill Number/Closed Date: 0914116 / 4/11/2009	121 E 52 ST AND PARK AV	WSW 1/4 - 1/2 (0.262 mi.)	583	1282
26 EAST 125TH ST CORP Spill Number/Closed Date: 9510482 / 11/20/1995	26 EAST 125TH ST	WNW 1/4 - 1/2 (0.265 mi.)	BD585	1299
TS 24 Spill Number/Closed Date: 0910998 / 1/21/2010	22 EAST 128 ST	NW 1/4 - 1/2 (0.266 mi.)	BB586	1300
MANHOLE 20624 Spill Number/Closed Date: 9808616 / 11/4/2003	21-25 E 125TH ST	WNW 1/4 - 1/2 (0.269 mi.)	BD587	1302
SPILL NUMBER 0209046 Spill Number/Closed Date: 0209046 / 12/2/2002	***60 EAST 130TH ST***	***NNW 1/4 - 1/2 (0.273 mi.)***	***AZ589***	***1305***
1883 MADISON AVE Spill Number/Closed Date: 9111042 / 11/22/1994	1883 MADISON AVE	W 1/4 - 1/2 (0.282 mi.)	BE593	1312
MORRIS PARK SENIOR CITIZEN (J Spill Number/Closed Date: 9313540 / 2/23/1994 Spill Number/Closed Date: 9611020 / 12/13/1996 Spill Number/Closed Date: 9309711 / 12/28/1993 Spill Number/Closed Date: 9513238 / Not Reported	***17 EAST 124TH STREET***	***WNW 1/4 - 1/2 (0.283 mi.)***	***BF595***	***1315***
223 EAST 120TH ST Spill Number/Closed Date: 9514121 / 2/6/1996	223 EAST 120TH ST	SSW 1/4 - 1/2 (0.287 mi.)	BH597	1323
2059-2071 LLC Spill Number/Closed Date: 0809094 / 10/27/2010	2063 MADISON AVE	NNW 1/4 - 1/2 (0.290 mi.)	599	1325
PRIVATE HOME Spill Number/Closed Date: 0709958 / 8/20/2008	12 EAST 128TH ST	NW 1/4 - 1/2 (0.294 mi.)	BJ602	1329
VAULT 9402 Spill Number/Closed Date: 1109973 / 1/12/2012	20-27 FIFTH AVE	WNW 1/4 - 1/2 (0.298 mi.)	BD603	1330

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
9 EAST 128TH STREET Spill Number/Closed Date: 9310467 / 11/29/1993	9 EAST 128TH STREET	NW 1/4 - 1/2 (0.304 mi.)	BJ612	1342
2ND AVE SUBWAY -NYCT Spill Number/Closed Date: 0201534 / 8/8/2005	125TH ST/5TH AVE	WNW 1/4 - 1/2 (0.309 mi.)	BD614	1344
MANHOLE 20624 Spill Number/Closed Date: 0206396 / 1/20/2004	125TH ST/5TH AVE	WNW 1/4 - 1/2 (0.309 mi.)	BD615	1345
IN STREET IN FRONT OF Spill Number/Closed Date: 9711647 / 1/16/1998	2018 5TH AVE	WNW 1/4 - 1/2 (0.309 mi.)	BD617	1349
2002 FIFTH AVENUE Spill Number/Closed Date: 9413964 / 1/20/1995	2002 FIFTH AVE	WNW 1/4 - 1/2 (0.310 mi.)	BD618	1350
DEMOLISHED BUILDING Spill Number/Closed Date: 0407102 / 12/13/2004	2000-2002 5TH AVE	WNW 1/4 - 1/2 (0.311 mi.)	BD621	1353
SB 20601 Spill Number/Closed Date: 0012590 / 8/16/2001	WEST 127TH ST/ 5TH AVE	NW 1/4 - 1/2 (0.313 mi.)	BL622	1354
ST.ANDREWS CHURCH Spill Number/Closed Date: 0205830 / 7/17/2003 Spill Number/Closed Date: 0202065 / 7/14/2003	2067 5TH AVE	NW 1/4 - 1/2 (0.317 mi.)	BJ626	1368
MANHOLE 50789 Spill Number/Closed Date: 9906696 / 8/18/2009	MADISON AV & 121ST ST	WSW 1/4 - 1/2 (0.317 mi.)	BE627	1370
STREET SPILL Spill Number/Closed Date: 0508072 / 10/6/2005	124TH ST 5TH AVE	WNW 1/4 - 1/2 (0.322 mi.)	BF628	1371
SB 19622 Spill Number/Closed Date: 9912403 / 11/15/2004	158 E. 119TH ST	SSW 1/4 - 1/2 (0.332 mi.)	BO635	1379
119TH ST.& LEXINGTON AVE. Spill Number/Closed Date: 8704606 / 9/2/1987	119TH ST. & LEXINGTON A	SW 1/4 - 1/2 (0.332 mi.)	BO636	1381
SB 19623 Spill Number/Closed Date: 9912404 / 3/19/2002	170 E.119TH ST	SSW 1/4 - 1/2 (0.332 mi.)	BO637	1382
SPILL NUMBER 0105211 Spill Number/Closed Date: 0105211 / 12/8/2003	11 WEST 127TH ST	NW 1/4 - 1/2 (0.332 mi.)	BL638	1383
2182 3RD AVE Spill Number/Closed Date: 0011501 / 7/12/2005	2182 3RD AVE	SSW 1/4 - 1/2 (0.332 mi.)	BP639	1384
132 E 119TH ST Spill Number/Closed Date: 0504233 / 11/9/2005	132 E 119TH ST	SW 1/4 - 1/2 (0.334 mi.)	BO640	1385
VACANT LOT Spill Number/Closed Date: 0813381 / 8/21/2009	127 EAST 119TH ST	SW 1/4 - 1/2 (0.337 mi.)	BQ642	1388
120 EAST 119TH STREET Spill Number/Closed Date: 9210790 / 3/31/1995	120 EAST 119TH STREET	SW 1/4 - 1/2 (0.338 mi.)	BQ643	1389
LINE TEST FAILURE Spill Number/Closed Date: 1006455 / 4/13/2011	2111 5TH AVE	NNW 1/4 - 1/2 (0.340 mi.)	BR644	1390
TM 3497 Spill Number/Closed Date: 0504718 / 9/23/2005	E 129 ST AT 5 AVE	NW 1/4 - 1/2 (0.345 mi.)	BR646	1393
SPILL NUMBER 0011504 Spill Number/Closed Date: 0011504 / 10/31/2003	20 WEST 127TH ST	NW 1/4 - 1/2 (0.348 mi.)	BL647	1394
14-52 128TH STREET Spill Number/Closed Date: 0300436 / 2/8/2007	14-52 128TH STREET	NW 1/4 - 1/2 (0.349 mi.)	BS648	1395
25 PRECINCT NYPD -DDC Spill Number/Closed Date: 9515731 / Not Reported	120 EAST 119TH STREET	SW 1/4 - 1/2 (0.353 mi.)	BQ654	1404

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
IN FRONT Spill Number/Closed Date: 0103455 / 7/13/2001 Spill Number/Closed Date: 0103459 / 6/30/2003	24 WEST 127TH ST	NW 1/4 - 1/2 (0.356 mi.)	BL656	1409
CON ED Spill Number/Closed Date: 0002517 / 5/30/2000	32 WEST 125TH STREET	WNW 1/4 - 1/2 (0.368 mi.)	BU664	1419
CON ED FACILITY Spill Number/Closed Date: 0301201 / 5/6/2003 Spill Number/Closed Date: 0301202 / 5/6/2003 Spill Number/Closed Date: 0308848 / 11/19/2003	32 W 125TH ST	WNW 1/4 - 1/2 (0.368 mi.)	BU665	1420
2 QT OIL LEAK FROM VEHICLE E13 Spill Number/Closed Date: 0604704 / 2/16/2007	32 WEST 125 STREET	WNW 1/4 - 1/2 (0.368 mi.)	BU666	1424
118TH ST& LEX. AVE Spill Number/Closed Date: 9300378 / 4/8/1993	118TH ST & LEX. AVE	SW 1/4 - 1/2 (0.368 mi.)	BO667	1425
PS#133 Spill Number/Closed Date: 0513148 / 5/1/2006	2121 5TH AVE	NNW 1/4 - 1/2 (0.369 mi.)	BR668	1426
CONED Spill Number/Closed Date: 0514323 / 3/16/2006	***2121 5TH AVE***	***NNW 1/4 - 1/2 (0.369 mi.)***	***BR669***	***1427***
HOUSE OF GOD CHURCH Spill Number/Closed Date: 9600210 / 4/4/1996	27 WEST 128TH ST	NW 1/4 - 1/2 (0.374 mi.)	BS673	1433
EAST HARLEM LEX PARTNERS Spill Number/Closed Date: 1101821 / 5/18/2011	149 EAST 118TH ST	SW 1/4 - 1/2 (0.380 mi.)	BW675	1441
SPILL NUMBER 0210662 Spill Number/Closed Date: 0210662 / 7/26/2004	LEXINGTON AVE & E.118TH	SW 1/4 - 1/2 (0.381 mi.)	BW676	1442
VAULT # 5236 Spill Number/Closed Date: 0313016 / 12/10/2004 Spill Number/Closed Date: 0408556 / 1/5/2005	EAST 118TH ST. & 3RD AV	SSW 1/4 - 1/2 (0.382 mi.)	BP677	1443
SPILL NUMBER 0311320 Spill Number/Closed Date: 0311320 / 1/7/2004	127 EAST 117TH ST	SW 1/4 - 1/2 (0.385 mi.)	BQ678	1446
PRIVATE RESIDENCE Spill Number/Closed Date: 9703960 / 11/7/2003	236 E 118TH ST PT 9	SSW 1/4 - 1/2 (0.388 mi.)	680	1448
PRIVATE HOME Spill Number/Closed Date: 0710687 / 1/10/2008	32 WEST 129TH STREET	NW 1/4 - 1/2 (0.398 mi.)	BZ687	1463
MANHOLE #34213 Spill Number/Closed Date: 0514779 / 4/17/2006	E 131ST & 5 AVE	NNW 1/4 - 1/2 (0.398 mi.)	689	1465
VAULT 6340 Spill Number/Closed Date: 9908760 / 2/5/2004	EAST 118TH ST/ PARK AVE	SW 1/4 - 1/2 (0.401 mi.)	CB692	1469
RESIDENCE Spill Number/Closed Date: 9814595 / 11/24/2003	1889 LEXINGTON AVE	SW 1/4 - 1/2 (0.406 mi.)	BW695	1473
X Spill Number/Closed Date: 0312854 / 12/16/2005	52 WEST 126TH STREET	WNW 1/4 - 1/2 (0.407 mi.)	CC696	1474
USDA CHURCH Spill Number/Closed Date: 9600211 / 4/4/1996	51 WEST 127TH ST	NW 1/4 - 1/2 (0.409 mi.)	703	1486
NYS DEPT OF HUMAN RIGHTS Spill Number/Closed Date: 9514120 / 5/6/1998	55 WEST 125TH ST	WNW 1/4 - 1/2 (0.413 mi.)	BU705	1488
NEW MARC REALITY Spill Number/Closed Date: 9514177 / 2/7/1996	55 W. 125TH ST	WNW 1/4 - 1/2 (0.413 mi.)	BU706	1489
44 WEST 129TH ST Spill Number/Closed Date: 0800195 / 4/7/2008	44 WEST 129TH ST	NW 1/4 - 1/2 (0.420 mi.)	BZ711	1498

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
2 WEST 120TH STREET	***2 WEST 120TH ST***	***WSW 1/4 - 1/2 (0.420 mi.)***	***CD712***	***1499***
Spill Number/Closed Date: 0200862 / 12/12/2003				
Spill Number/Closed Date: 9208787 / 3/31/1995				
6 EAST 132ND STREET	6 EAST 132ND STREET	NNW 1/4 - 1/2 (0.424 mi.)	CF715	1508
Spill Number/Closed Date: 9315265 / 4/14/2003				
SERVICE BOX 21279	IFO 35 WEST 130TH ST	NNW 1/4 - 1/2 (0.427 mi.)	CI726	1523
Spill Number/Closed Date: 9815562 / 5/12/1999				
RESIDENTIAL	175 E 117TH STREET	SSW 1/4 - 1/2 (0.430 mi.)	CJ728	1525
Spill Number/Closed Date: 0650288 / 8/28/2006				
EAST 117TH ST	E.117TH ST,LEXINGTON AV	SW 1/4 - 1/2 (0.431 mi.)	CK729	1527
Spill Number/Closed Date: 9807244 / 10/27/2003				
LEXINGTON AVE/E. 117TH ST	LEXINGTON AVE/E. 117TH	SW 1/4 - 1/2 (0.431 mi.)	CK730	1528
Spill Number/Closed Date: 9507515 / 11/21/1997				
ON STREET	E.117TH ST/ 3RD & LEXIN	SSW 1/4 - 1/2 (0.431 mi.)	CJ731	1529
Spill Number/Closed Date: 0311476 / 1/14/2003				
THIRD PARTY CAR WITH LEAK	2141 3 AVE	SSW 1/4 - 1/2 (0.431 mi.)	CJ732	1530
Spill Number/Closed Date: 0505199 / 9/28/2005				
177 EAST 117TH STREET	177 EAST 117TH STREET	SSW 1/4 - 1/2 (0.431 mi.)	CJ733	1532
Spill Number/Closed Date: 0650090 / 11/13/2006				
11-13 WEST 123RD STREET	11-13 WEST 123RD STREET	W 1/4 - 1/2 (0.432 mi.)	CL736	1535
Spill Number/Closed Date: 9210775 / 12/17/1992				
UNKNOWN RESIDENCE	124 EAST 117TH ST	SW 1/4 - 1/2 (0.437 mi.)	CK739	1539
Spill Number/Closed Date: 1215698 / 2/21/2013				
ST PAULS RECTORY	113 EAST 117TH STREET	SW 1/4 - 1/2 (0.437 mi.)	CM740	1540
Spill Number/Closed Date: 0608531 / 3/21/2007				
113 EAST 117TH STREET	113 EAST 117TH STREET	SW 1/4 - 1/2 (0.438 mi.)	CM741	1542
Spill Number/Closed Date: 9415276 / 2/22/1995				
APARTMENT BUILDING	244 EAST 117TH ST	SSW 1/4 - 1/2 (0.439 mi.)	CN742	1543
Spill Number/Closed Date: 9805724 / 3/23/2011				
MANHOLE 42069	SE CRNR 117THST/PARK AV	SW 1/4 - 1/2 (0.440 mi.)	CB743	1545
Spill Number/Closed Date: 0505459 / 1/10/2006				
PELHAM FRITZ RECREATION C	***18 MOUNT MORRIS PARK WE***	***W 1/4 - 1/2 (0.443 mi.)***	***CP749***	***1557***
Spill Number/Closed Date: 0813485 / 3/18/2009				
71 W. 126TH ST	71 W. 126TH ST	WNW 1/4 - 1/2 (0.443 mi.)	CC750	1560
Spill Number/Closed Date: 9911163 / 4/23/2007				
75 WEST 126TH STREET	75 WEST 126TH STREET	WNW 1/4 - 1/2 (0.451 mi.)	CC754	1565
Spill Number/Closed Date: 0104097 / 4/29/2005				
SPILL NUMBER 9811292	32 WEST 123RD STREET	WNW 1/4 - 1/2 (0.452 mi.)	CL756	1568
Spill Number/Closed Date: 9811292 / 12/15/1998				
ASPER ROW HDFC	38 AND 58 W. 130TH ST.	NW 1/4 - 1/2 (0.453 mi.)	CI757	1569
Spill Number/Closed Date: 0402885 / 11/8/2005				
22 WEST 120TH ST	22 WEST 120TH ST	W 1/4 - 1/2 (0.454 mi.)	CD758	1570
Spill Number/Closed Date: 9508811 / 10/18/1995				
SPILL NUMBER 9811290	36-38 WEST 123RD ST	WNW 1/4 - 1/2 (0.455 mi.)	CL759	1571
Spill Number/Closed Date: 9811290 / 12/15/1998				
DRUM RUN	228 EAST 117 ST BTW 2ND	SSW 1/4 - 1/2 (0.457 mi.)	CN760	1572
Spill Number/Closed Date: 0806548 / 10/3/2008				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
57 WEST 130TH ST Spill Number/Closed Date: 0300935 / 5/16/2003	57 W.130TH ST	NW 1/4 - 1/2 (0.463 mi.)	CI762	1575
32 WEST 125TH STREET Spill Number/Closed Date: 0308847 / 11/20/2003	CON ED FACILITY	NNW 1/4 - 1/2 (0.464 mi.)	CS766	1579
SPILL NUMBER 9808331 Spill Number/Closed Date: 9808331 / 10/23/2002	BRUCKNER AV & ALEXANDER	ENE 1/4 - 1/2 (0.465 mi.)	CT767	1581
MANHOLE 509 Spill Number/Closed Date: 0002421 / 6/2/2000	ALEXANDER AV & BRUCKNER	ENE 1/4 - 1/2 (0.465 mi.)	CT768	1582
MANHOLE #21923 Spill Number/Closed Date: 9810821 / 10/23/2002	BRUCKNER BLVD/ALEXANDER	ENE 1/4 - 1/2 (0.465 mi.)	CT769	1583
MANHOLE 21923 Spill Number/Closed Date: 0206063 / 1/14/2004	38 BRUCKNER BLVD	ENE 1/4 - 1/2 (0.467 mi.)	CT770	1585
5 WEST 121ST STREET Spill Number/Closed Date: 9507949 / 9/28/1995	5 WEST 121ST STREET	W 1/4 - 1/2 (0.467 mi.)	CP771	1586
5 W. 121ST STREET Spill Number/Closed Date: 9507969 / 9/28/1995	5 W. 121ST STREET	W 1/4 - 1/2 (0.467 mi.)	CP772	1587
SPILL NUMBER 0209164 Spill Number/Closed Date: 9812932 / 1/25/1999	***25 W 132ND ST***	***NNW 1/4 - 1/2 (0.468 mi.)***	***CU773***	***1588***
PARKING LOT NEXT TO APT BUILDI Spill Number/Closed Date: 0404538 / 5/11/2005 Spill Number/Closed Date: 9812948 / 1/25/1999	***25 WEST 132ND ST.***	***NNW 1/4 - 1/2 (0.468 mi.)***	***CU774***	***1591***
MANHOLE 6128 Spill Number/Closed Date: 9905698 / 2/22/2002	294 E 134 ST	ENE 1/4 - 1/2 (0.471 mi.)	CW778	1598
DENTAL CENTER Spill Number/Closed Date: 9903612 / 6/29/1999	165 EAST 116TH ST	SSW 1/4 - 1/2 (0.471 mi.)	CJ779	1599
ON STREET IN FRONT OF Spill Number/Closed Date: 0801487 / 12/23/2009	30 WEST 132ND STREET	NNW 1/4 - 1/2 (0.473 mi.)	CU782	1602
120TH ST & MT MORRIS PK Spill Number/Closed Date: 9507979 / 9/29/1995	120TH ST & MT MORRIS PK	W 1/4 - 1/2 (0.473 mi.)	CX783	1606
VAULT 600 Spill Number/Closed Date: 9901879 / 5/19/1999	137TH ST ALEXANDER AV	ENE 1/4 - 1/2 (0.475 mi.)	CT785	1608
BROWNSTONE HOUSE Spill Number/Closed Date: 0701787 / 3/10/2008	12 WEST 121 STREET	W 1/4 - 1/2 (0.476 mi.)	CP787	1610
WHYE RESIDENCE Spill Number/Closed Date: 0312761 / 12/16/2005	17 WEST 121ST ST	W 1/4 - 1/2 (0.477 mi.)	CP788	1612
MANHOLE 6129 Spill Number/Closed Date: 9902347 / 5/18/2000	300 EAST 134TH ST	ENE 1/4 - 1/2 (0.479 mi.)	CW789	1613
MANHOLE 6129 Spill Number/Closed Date: 9902438 / 5/18/2000	300 E 134TH ST	ENE 1/4 - 1/2 (0.479 mi.)	CW790	1614
5 FAMILY HOUSE Spill Number/Closed Date: 9704227 / 11/29/2005	21 WEST 121ST ST	W 1/4 - 1/2 (0.481 mi.)	CP796	1621
PRIVATE RESIDENCE - HPD Spill Number/Closed Date: 0913803 / Not Reported	152 EAST 116	SSW 1/4 - 1/2 (0.485 mi.)	DA798	1623
BUS SPILL Spill Number/Closed Date: 0408154 / 11/30/2004	3RD AVE/116TH ST	SSW 1/4 - 1/2 (0.486 mi.)	DB800	1625
MANHOLE 45676 Spill Number/Closed Date: 0514675 / 4/21/2010	E 116 ST & 3 AVE	SSW 1/4 - 1/2 (0.486 mi.)	DB801	1627

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
233 EAST 116TH ST Spill Number/Closed Date: 9511017 / 12/4/1995	233 EAST 116TH ST	SSW 1/4 - 1/2 (0.489 mi.)	DB804	1631
HELLGATE NORTH SUBSTATION Spill Number/Closed Date: 0210318 / 3/2/2007	310 E. 134TH ST	ENE 1/4 - 1/2 (0.491 mi.)	CW805	1632
MANHOLE 19150 Spill Number/Closed Date: 9907797 / 2/5/2004	116 EAST 116TH ST	SW 1/4 - 1/2 (0.491 mi.)	806	1633
OPEN EXCAVATION Spill Number/Closed Date: 0406279 / 10/16/2006 Spill Number/Closed Date: 1004210 / 1/13/2011	91 EAST 116 ST.	SW 1/4 - 1/2 (0.493 mi.)	810	1638
APARTMENT BUILDING Spill Number/Closed Date: 9411587 / Not Reported	42 WEST 120TH ST	W 1/4 - 1/2 (0.494 mi.)	CX812	1641
APARTMENT BLDG Spill Number/Closed Date: 9612130 / 1/23/1997	***45 WEST 132ND ST***	***NNW 1/4 - 1/2 (0.499 mi.)***	***CU818***	***1649***

Lower Elevation	Address	Direction / Distance	Map ID	Page
213284; 3 AVE AND E 127 ST ST Spill Number/Closed Date: 0814398 / 6/17/2009	3 AVE AND E 127 ST ST	ENE 0 - 1/8 (0.060 mi.)	B97	158
MAN HOLE #45816 Spill Number/Closed Date: 9814391 / 9/10/2009	E 127TH ST & 3RD AVE	ENE 0 - 1/8 (0.061 mi.)	B98	159
CONED MANHOLE #20977 Spill Number/Closed Date: 0405048 / 10/22/2004	EAST 127/3RD AVE	ENE 0 - 1/8 (0.063 mi.)	F101	165
3RD AVE BRIDGE Spill Number/Closed Date: 0305063 / 8/14/2003	EAST 127TH ST	ENE 0 - 1/8 (0.063 mi.)	F102	167
BWTEEEN 2ND & 3RD AV -NYCT Spill Number/Closed Date: 0210753 / 8/26/2005	125TH ST 2ND & 3RD AVE	SE 0 - 1/8 (0.089 mi.)	K148	263
BP STATION # 13401 Spill Number/Closed Date: 1004193 / 7/20/2010	255 EAST 125TH ST	SE 0 - 1/8 (0.097 mi.)	K168	347
LEXINGTON AV/E 128TH ST Spill Number/Closed Date: 9703094 / 10/30/2008	LEXINGTON AV/E.128TH ST	N 0 - 1/8 (0.104 mi.)	M184	410
BP AMOCO STATION #13401 Spill Number/Closed Date: 9711337 / 4/11/2014	255 EAST 125TH ST	SE 0 - 1/8 (0.105 mi.)	K189	416
EAST 128TH.3RD AVE-IN ROAD Spill Number/Closed Date: 1008370 / 11/10/2010	EAST 128TH/3RD AVE	NE 0 - 1/8 (0.108 mi.)	O200	438
MANHOLE 59026 Spill Number/Closed Date: 9903034 / 5/18/2000	128TH ST / 3RD AVE	NE 0 - 1/8 (0.109 mi.)	O204	443
COMMERCIAL PROPERTY Spill Number/Closed Date: 1202577 / 8/27/2012	228 E 125TH ST	SE 0 - 1/8 (0.112 mi.)	K208	451
COMMER.PROPERTY - NEW YORK AUT Spill Number/Closed Date: 0200841 / 1/14/2014 Spill Number/Closed Date: 0212189 / 3/12/2003	2485 2ND AVE	E 0 - 1/8 (0.118 mi.)	I215	498
POTAMKIN MITZUBISHI DEALERSHIP Spill Number/Closed Date: 0806329 / 9/5/2008	2495 2ND AVE	E 0 - 1/8 (0.118 mi.)	I216	517
SERVICE BOX 0218083 Spill Number/Closed Date: 9903230 / 1/30/2004	214-26 E 128TH ST	ENE 1/8 - 1/4 (0.127 mi.)	O231	594
LOT NEXT TO AMOCO STATION Spill Number/Closed Date: 0411494 / 5/4/2005	249 EAST 125TH ST	SE 1/8 - 1/4 (0.128 mi.)	K234	597

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
LEXINGTON & 3 Spill Number/Closed Date: 8603644 / 9/3/1986	LEXINGTON & 3	N 1/8 - 1/4 (0.140 mi.)	U257	632
MANHOLE # 59069 Spill Number/Closed Date: 0408245 / 8/18/2009	129TH /LEXINGTON AVE	NNE 1/8 - 1/4 (0.153 mi.)	U271	662
DISCOLORED SOIL IN EXCAVATION Spill Number/Closed Date: 0705732 / 9/20/2007	LEXINGTON AVENUE & EAST	NNE 1/8 - 1/4 (0.153 mi.)	U272	664
2ND AVE SUBWAY -NYCT Spill Number/Closed Date: 0305966 / 10/29/2010	125TH & 126TH ST	ESE 1/8 - 1/4 (0.159 mi.)	X286	705
126TH ST TERMINAL Spill Number/Closed Date: 1107277 / 9/13/2011	126TH ST & 2ND AVE	ESE 1/8 - 1/4 (0.159 mi.)	X287	706
213778; 222 E 123 ST Spill Number/Closed Date: 0814485 / 9/30/2008	222 E 123 ST	S 1/8 - 1/4 (0.159 mi.)	V288	707
126TH ST BUS DEPOT Spill Number/Closed Date: 1216490 / 3/29/2013	2460 2ND AVE	ESE 1/8 - 1/4 (0.160 mi.)	X289	708
126TH ST BUS DEPOT Spill Number/Closed Date: 8808896 / Not Reported	***2460 SECOND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X291***	***745***
2460 2ND AVE & 126TH ST Spill Number/Closed Date: 0803647 / 12/1/2008 Spill Number/Closed Date: 1003145 / 7/6/2010 Spill Number/Closed Date: 0502231 / 6/17/2008 Spill Number/Closed Date: 0502232 / 5/26/2005 Spill Number/Closed Date: 0513919 / 6/7/2007 **Additional key fields are available in the Map Findings section*	2460 2ND AVE / 126TH ST	ESE 1/8 - 1/4 (0.160 mi.)	X293	761
DEPOT 126TH ST Spill Number/Closed Date: 9212527 / 12/27/2000 Spill Number/Closed Date: 1209736 / 1/9/2013	***2460 2ND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X294***	***767***
126TH STREET BUS DEPOT Spill Number/Closed Date: 0310718 / 3/22/2004 Spill Number/Closed Date: 0011413 / 12/23/2002	***2460 SECOND AVENUE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X296***	***772***
BUS DEPOT Spill Number/Closed Date: 9606691 / 8/26/1996 Spill Number/Closed Date: 1008367 / 11/10/2010	126TH AND 2ND AVE	ESE 1/8 - 1/4 (0.160 mi.)	X297	790
E 126TH ST/1ST&2ND/MANH Spill Number/Closed Date: 9010570 / 3/14/1991	E 126TH ST BETW 1ST&2ND	ESE 1/8 - 1/4 (0.160 mi.)	X298	792
126TH ST DEPOT Spill Number/Closed Date: 0300600 / 3/22/2004 Spill Number/Closed Date: 8808930 / 12/27/2000	126TH ST & 2ND AVE	ESE 1/8 - 1/4 (0.160 mi.)	X299	793
126TH STREET DEPOT Spill Number/Closed Date: 0330002 / 3/22/2004	2460 SECOND AVENUE	ESE 1/8 - 1/4 (0.161 mi.)	X300	795
126TH STREET DEPOT-NYCT Spill Number/Closed Date: 0509617 / 6/7/2006	2460 SECOND AVENUE	ESE 1/8 - 1/4 (0.161 mi.)	X301	796
INTERSECTION EAST 125TH AND 2N Spill Number/Closed Date: 0908987 / 11/12/2009	INTERSECTION EAST 125TH	SE 1/8 - 1/4 (0.163 mi.)	Z312	809
217897; 2 AVENUE AND 125TH STR Spill Number/Closed Date: 0914366 / 7/8/2010	2 AVENUE AND 125TH STRE	SE 1/8 - 1/4 (0.164 mi.)	Z313	810
MANHOLE 55110 Spill Number/Closed Date: 9810765 / 1/5/2004	2ND AVE AND WEST 125TH	SE 1/8 - 1/4 (0.164 mi.)	Z314	811
CON ED EXCAVATION Spill Number/Closed Date: 0804510 / 8/27/2008	127TH & 2ND AVE	ESE 1/8 - 1/4 (0.168 mi.)	X330	832

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCT 2ND AVENUE SUBWAY SOIL BO Spill Number/Closed Date: 0306147 /	127TH ST & 2ND AV Not Reported	ESE 1/8 - 1/4 (0.168 mi.)	X331	833
MANHOLE # 55128 Spill Number/Closed Date: 0007763 /	E 127TH ST/2ND AVE 12/14/2001	E 1/8 - 1/4 (0.169 mi.)	X335	841
HARLEM DAY CHARTER SCHOOL Spill Number/Closed Date: 0810730 /	230 E 123RD ST 2/23/2009	SSE 1/8 - 1/4 (0.171 mi.)	V348	864
2460 2ND AVENUE Spill Number/Closed Date: 9501800 /	2460 2ND AVE / 126TH ST 12/27/2000	ESE 1/8 - 1/4 (0.176 mi.)	X353	873
109-113 EAST 129TH ST. Spill Number/Closed Date: 8704407 /	109-113 EAST 129TH ST. 8/27/1987	N 1/8 - 1/4 (0.178 mi.)	U355	875
ON 2ND AVE BETWEEN -NYCT Spill Number/Closed Date: 0306094 /	127TH & 128TH ST WEST S 9/1/2005	E 1/8 - 1/4 (0.181 mi.)	AA366	896
THREE OZ DIESEL OIL IN EXCAVAT Spill Number/Closed Date: 0709678 /	EAST 128 STREET & 2 AVE 1/9/2008	E 1/8 - 1/4 (0.182 mi.)	AA370	910
WILLIS PROJECT Spill Number/Closed Date: 0802586 /	2600 2ND AVE 8/1/2008	E 1/8 - 1/4 (0.185 mi.)	AA390	929
128TH & 2ND AVE Spill Number/Closed Date: 7800714 /	128TH STR & 2ND AVE 7/31/1985	E 1/8 - 1/4 (0.188 mi.)	AA404	970
S.WEST & N.WEST CNR. OF 1 Spill Number/Closed Date: 8603112 /	SW & NW CNR./ 128TH & 2 8/9/1986	E 1/8 - 1/4 (0.188 mi.)	AA405	971
SASSON MANAGEMENT Spill Number/Closed Date: 1101889 /	2407 2ND AVE 5/25/2011	SSE 1/8 - 1/4 (0.196 mi.)	AD428	1001
SPILL NUMBER 0104191 Spill Number/Closed Date: 0104191 /	212 EAST 122ND ST 6/21/2002	S 1/8 - 1/4 (0.198 mi.)	V432	1006
STREET SPILL Spill Number/Closed Date: 0513230 /	SECOND AVE & E 123 ST 2/17/2006	SSE 1/8 - 1/4 (0.204 mi.)	AD451	1034
2170 LEXINGTON AVENUE Spill Number/Closed Date: 9315090 /	***2170 LEXINGTON AVENUE*** 3/23/1994	***NNE 1/8 - 1/4 (0.204 mi.)***	***AL452***	***1035***
218277; HARLEM RIVER DR AND 12 Spill Number/Closed Date: 0914432 /	HARLEM RIVER DR AND 128 9/8/2009	E 1/8 - 1/4 (0.209 mi.)	464	1072
APARTNMENT BUILDING Spill Number/Closed Date: 1112206 /	2170 LEXINGTON AVE 4/23/2012	NNE 1/8 - 1/4 (0.213 mi.)	AL472	1084
SPILL NUMBER 0110814 Spill Number/Closed Date: 0110814 /	3RD AVE BRIDGE 2/14/2002	NE 1/8 - 1/4 (0.216 mi.)	AQ491	1124
3RD AVE BRIDGE Spill Number/Closed Date: 0501296 /	EAST 127TH STREET/HARLE 2/23/2006	NE 1/8 - 1/4 (0.216 mi.)	AQ492	1126
123 EAST 130TH ST. Spill Number/Closed Date: 9402773 / Spill Number/Closed Date: 1110466 /	***123 EAST 130TH ST.*** 5/26/1994 11/28/2011	***N 1/8 - 1/4 (0.220 mi.)***	***AR504***	***1146***
GAYLORD WHITE HOUSES -NYCHA Spill Number/Closed Date: 9601210 /	2029 SECOND AVENUE 3/8/2006	ENE 1/8 - 1/4 (0.225 mi.)	514	1163
MANHOLE 39272 Spill Number/Closed Date: 9811262 /	LEXINGTON AVENUE 9/10/2009	NNE 1/8 - 1/4 (0.231 mi.)	AL519	1174
318 EAST 126TH ST/MANH Spill Number/Closed Date: 9012199 /	318 EAST 126TH STREET 2/24/1991	ESE 1/8 - 1/4 (0.232 mi.)	AV521	1186
CONCRETE Spill Number/Closed Date: 9800452 /	126TH ST DPT BET 1ST & 10/14/2004	ESE 1/8 - 1/4 (0.233 mi.)	AS526	1193

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
123 EAST 130TH ST Spill Number/Closed Date: 9301089 / 4/22/1993	123 E. 130TH ST	N 1/8 - 1/4 (0.235 mi.)	AR537	1206
126TH STREET-BUS DEPOT Spill Number/Closed Date: 9212904 / 2/18/1993	126TH STREET-BUS DEPOT	ESE 1/8 - 1/4 (0.235 mi.)	AS542	1225
126TH ST BUS DEPOT Spill Number/Closed Date: 9912410 / 8/6/2003	2460 SECOND AVENUE	ESE 1/8 - 1/4 (0.235 mi.)	AS543	1226
126TH STREET DEPOT Spill Number/Closed Date: 0409865 / 1/11/2005	126TH STREET DEPOT	ESE 1/8 - 1/4 (0.235 mi.)	AS544	1227
126TH STREET DEPOT Spill Number/Closed Date: 0406772 / 10/20/2004	127TH BETWEEN 1ST & 2ND	ESE 1/8 - 1/4 (0.235 mi.)	AS545	1228
126TH ST BUS DEPOT Spill Number/Closed Date: 9604106 / 4/16/2001	126 THST BUS DEPOT	ESE 1/8 - 1/4 (0.235 mi.)	AS547	1230
BEHIND TRANSIT BUILDING Spill Number/Closed Date: 9909230 / 12/27/2000	127ND ST BET 1ST/2ND AV	ESE 1/8 - 1/4 (0.238 mi.)	AS558	1248
LIFFEY ALLIED VAN LINES Spill Number/Closed Date: 0612219 / 6/24/2009	234 E. 121ST ST	S 1/8 - 1/4 (0.244 mi.)	AY566	1257
246 E 121 ST Spill Number/Closed Date: 9301099 / 4/22/1993 Spill Number/Closed Date: 9516002 / 8/14/1996	246 E 121ST	S 1/8 - 1/4 (0.249 mi.)	AY577	1273
MANHOLE 39273 Spill Number/Closed Date: 9811263 / 11/4/2003	LEXINGTON AVENUE	NNE 1/4 - 1/2 (0.254 mi.)	581	1279
MANHATTAN EAST 10 DOS -DDC Spill Number/Closed Date: 9913531 / 1/10/2007 Spill Number/Closed Date: 9308006 / 10/1/1993 Spill Number/Closed Date: 9513866 / 10/30/2003	***110 EAST 131ST STREET***	***N 1/4 - 1/2 (0.263 mi.)***	***BC584***	***1283***
VAULT #2269 Spill Number/Closed Date: 0304658 / 9/19/2003	PALADINO AV / E 123RD S	SSE 1/4 - 1/2 (0.272 mi.)	AU588	1303
INTERSECTION Spill Number/Closed Date: 9704223 / 11/7/2003	131ST AND PARK AVE	N 1/4 - 1/2 (0.274 mi.)	BC591	1310
2451 FIRST AVE Spill Number/Closed Date: 0208905 / 2/10/2003	2451 1ST AVE	ESE 1/4 - 1/2 (0.277 mi.)	AV592	1311
MANHOLE # 55077 Spill Number/Closed Date: 0507874 / 5/3/2007	EAST 121 ST & 2 AVE	S 1/4 - 1/2 (0.282 mi.)	BA594	1313
126TH ST DEPOT Spill Number/Closed Date: 0403297 / 7/12/2004	127TH ST & FIRST AVE	ESE 1/4 - 1/2 (0.284 mi.)	BG596	1322
UNDER THE 3RD AVE Spill Number/Closed Date: 0304415 / 7/28/2003	BRIDGE ON BRONX SIDE	NE 1/4 - 1/2 (0.289 mi.)	598	1324
MANHOLE # 63493 Spill Number/Closed Date: 0412216 / 2/17/2005	EAST 126/1ST AVE	ESE 1/4 - 1/2 (0.292 mi.)	BI600	1327
EAST 126TH & Spill Number/Closed Date: 0203345 / 3/3/2003	1ST AVE & E. 126TH ST	ESE 1/4 - 1/2 (0.293 mi.)	BI601	1328
CON ED MANHOLE #63493 -NYCT Spill Number/Closed Date: 9506024 / Not Reported	1ST AVE & 126TH ST	ESE 1/4 - 1/2 (0.301 mi.)	BI604	1331
MH 63499 Spill Number/Closed Date: 9901998 / 7/20/1999	EAST 127/1ST AVE	ESE 1/4 - 1/2 (0.302 mi.)	BG605	1333
NYC DOT FIELD OFFICE Spill Number/Closed Date: 0404341 / 2/27/2006	EAST 127TH ST. AND HARL	ESE 1/4 - 1/2 (0.302 mi.)	BG606	1334

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
TWO GALLONS SEEN ON HARLEM RIV Spill Number/Closed Date: 0705352 / 11/8/2007	WILLIS AVENUE & EAST 12	SE 1/4 - 1/2 (0.304 mi.)	BK607	1335
E 125TH ST Spill Number/Closed Date: 0300256 / 7/3/2003	E.125TH ST / FIRST AVE	SE 1/4 - 1/2 (0.304 mi.)	BK608	1337
EAST 125TH ST Spill Number/Closed Date: 9808180 / 11/5/2003	E. 125TH ST & 1ST AVE	SE 1/4 - 1/2 (0.304 mi.)	BK609	1338
SPILL NUMBER 0211254 Spill Number/Closed Date: 0211254 / 2/10/2003	125TH ST/ 1ST AV	SE 1/4 - 1/2 (0.304 mi.)	BK610	1340
MANHOLE 53900 Spill Number/Closed Date: 0409604 / 1/7/2005	E 125TH ST & 1ST AVE	SE 1/4 - 1/2 (0.304 mi.)	BK611	1341
WILLIS AVE BRIDGE MANHATTAN SO Spill Number/Closed Date: 0903218 / 6/26/2009	1ST AVE & WILLIS AVE BR	ESE 1/4 - 1/2 (0.305 mi.)	BG613	1343
WILLIS AVE BRIDGE Spill Number/Closed Date: 0806477 / 9/10/2008	2602 SECOND AVE	ESE 1/4 - 1/2 (0.309 mi.)	BG616	1347
WATER MAIN BREAK Spill Number/Closed Date: 0907264 / 12/17/2009	60 E 131 ST	N 1/4 - 1/2 (0.311 mi.)	619	1351
WANGNER HOUSES Spill Number/Closed Date: 0002092 / 5/19/2000 Spill Number/Closed Date: 0811336 / 1/14/2009	2360 1ST AVE	SE 1/4 - 1/2 (0.316 mi.)	BM623	1355
TALLMAN'S ISLAND WPCP./ Q Spill Number/Closed Date: 8701965 / 6/8/1987	TALLMAN'S WPCP	ESE 1/4 - 1/2 (0.316 mi.)	BG624	1357
WAGNER HOUSES Spill Number/Closed Date: 1001185 / 4/30/2010 Spill Number/Closed Date: 8907784 / Not Reported Spill Number/Closed Date: 9009488 / 7/6/1993	***2360 FIRST AVENUE***	***SE 1/4 - 1/2 (0.316 mi.)***	***BM625***	***1358***
MANHOLE 53890 Spill Number/Closed Date: 0411614 / 1/10/2008	FIRST AVE & PALLADINO A	SE 1/4 - 1/2 (0.323 mi.)	BM629	1372
MANHOLE VERIZON 65952 Spill Number/Closed Date: 1012469 / 4/14/2011	1ST AVE AND PALADINO AV	SE 1/4 - 1/2 (0.323 mi.)	BM630	1374
MANHOLE 55068 Spill Number/Closed Date: 9906343 / 11/12/1999	120TH ST & 2ND AVE	S 1/4 - 1/2 (0.324 mi.)	BN631	1375
MANHOLE #1864 Spill Number/Closed Date: 0602921 / 8/15/2006	EAST 120 STREET & 2 AVE	S 1/4 - 1/2 (0.324 mi.)	BN633	1377
215193; E 120 ST AND 2ND AVE Spill Number/Closed Date: 0913958 / 9/16/2009	E 120 ST AND 2ND AVE	S 1/4 - 1/2 (0.324 mi.)	BN634	1378
LITTLE SISITERS OF ASSUMP Spill Number/Closed Date: 0609454 / Not Reported	310 EAST 120 TH STREET	S 1/4 - 1/2 (0.345 mi.)	BN645	1392
ONE PINT OIL IN MANHOLE 31223 Spill Number/Closed Date: 0701493 / 5/23/2007	LINCOLN AVENUE & EAST 1	ENE 1/4 - 1/2 (0.352 mi.)	BT649	1397
POLE 18025 Spill Number/Closed Date: 1210172 / 4/21/2014	EAST 132ND STREET & LIN	ENE 1/4 - 1/2 (0.352 mi.)	BT650	1398
ONE QUART OIL IN MANHOLE # 209 Spill Number/Closed Date: 0607952 / 12/21/2006	EAST 132 & LINCOLN AVEN	ENE 1/4 - 1/2 (0.352 mi.)	BT651	1399
CONSOLDIDATED EDISON Spill Number/Closed Date: 9901434 / 4/2/2002 Spill Number/Closed Date: 0607951 / 12/21/2006	***132ND & LINCOLN AVE***	***ENE 1/4 - 1/2 (0.352 mi.)***	***BT652***	***1400***
SPILL NUMBER 0304688 Spill Number/Closed Date: 0304688 / 8/4/2003	101 LINCOLN AVE	ENE 1/4 - 1/2 (0.352 mi.)	BT653	1403

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
APT BLDG Spill Number/Closed Date: 0907044 / 9/23/2009	2325 2ND AVE	S 1/4 - 1/2 (0.357 mi.)	BN657	1411
221514; E 132 ST Spill Number/Closed Date: 1009100 / 5/21/2010	E 132 ST	NE 1/4 - 1/2 (0.358 mi.)	BT658	1412
BRONX GRIT CHAMBER Spill Number/Closed Date: 8909440 / 12/29/1989	BRUDENER BLVD	NE 1/4 - 1/2 (0.358 mi.)	BT659	1413
222162; E 132 ST Spill Number/Closed Date: 1009179 / 6/30/2010	E 132 ST	NE 1/4 - 1/2 (0.358 mi.)	BT660	1414
222181; E. 132 ST Spill Number/Closed Date: 1009184 / 6/30/2010	E. 132 ST	NE 1/4 - 1/2 (0.358 mi.)	BT661	1416
HARLEM RIVER-WILLIS & 3RD Spill Number/Closed Date: 9406493 / 8/17/1994	HARLEM RIVER-WILLIS & 3	E 1/4 - 1/2 (0.362 mi.)	662	1417
ROADWAY SURFACE Spill Number/Closed Date: 1004567 / 7/23/2010	EAST 120TH STREET BW 1S	SSE 1/4 - 1/2 (0.365 mi.)	663	1418
RESIDENTIAL BUILDING Spill Number/Closed Date: 0703922 / 7/10/2007	303 E 119TH ST	S 1/4 - 1/2 (0.369 mi.)	BN670	1430
215260; 20 PALADINO AVENUE Spill Number/Closed Date: 0913966 / 1/29/2009	20 PALADINO AVENUE	SE 1/4 - 1/2 (0.372 mi.)	671	1431
WMNY LLC HARLEM RIVER YARD Spill Number/Closed Date: 0004999 / 2/13/2003 Spill Number/Closed Date: 0005007 / 2/13/2003 Spill Number/Closed Date: 0412457 / 3/29/2005 Spill Number/Closed Date: 0307269 / 10/10/2003 Spill Number/Closed Date: 0611553 / 1/19/2007	***98 LINCOLN AVENUE***	***ENE 1/4 - 1/2 (0.380 mi.)***	***BT674***	***1434***
2365 FIRST AVENUE Spill Number/Closed Date: 9310338 / 11/24/1993	2365 FIRST AVENUE	SSE 1/4 - 1/2 (0.390 mi.)	BY681	1450
4 GALLON LEAK FROM MACHINE Spill Number/Closed Date: 0606203 / 12/21/2006	BRUCKNER BLVD & LINCOLN	ENE 1/4 - 1/2 (0.391 mi.)	BT682	1451
MANHOLE TM 692 Spill Number/Closed Date: 0102330 / 8/27/2001	LINCOLN AVE/BRUCKNER BL	ENE 1/4 - 1/2 (0.391 mi.)	BT683	1452
E.SIDE BRUCKNER BLVD Spill Number/Closed Date: 0400305 / 7/16/2004	60FT. S. LINCOLN AVE.	ENE 1/4 - 1/2 (0.396 mi.)	BT684	1453
IS 45M- NYSCA Spill Number/Closed Date: 0904431 / 2/28/2011	2351 1ST AVE	SSE 1/4 - 1/2 (0.398 mi.)	BY685	1455
INTERMIDATE SCHOOL 45 Spill Number/Closed Date: 0707934 / 3/20/2009	2351 FIRST AVENUE	SSE 1/4 - 1/2 (0.398 mi.)	BY686	1461
125TH ST/HARLEM RIVER Spill Number/Closed Date: 8910269 / 11/15/1994	125TH ST/HARLEM RIVER	ESE 1/4 - 1/2 (0.398 mi.)	688	1464
AUTOMOTIVE GARAGE Spill Number/Closed Date: 0000073 / 4/7/2000	344 E 119TH STREET	S 1/4 - 1/2 (0.401 mi.)	CA691	1468
VACANT LOT Spill Number/Closed Date: 0708201 / 9/22/2008	346 E. 119TH ST	S 1/4 - 1/2 (0.402 mi.)	CA693	1470
MANHOLE 16164 Spill Number/Closed Date: 0909563 / 1/14/2010	2423 3RD AVE	NE 1/4 - 1/2 (0.404 mi.)	BV694	1472
GASETERIA Spill Number/Closed Date: 0111249 / 3/11/2002 Spill Number/Closed Date: 0230041 / 8/16/2012	2326 1ST AVENUE	SSE 1/4 - 1/2 (0.408 mi.)	BY698	1477

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE 53875 Spill Number/Closed Date: 9913838 / 11/16/2004	1ST AVE/120TH ST	SSE 1/4 - 1/2 (0.408 mi.)	BY699	1480
MANHOLE 53864 Spill Number/Closed Date: 9900785 / 6/11/2002	E 120TH ST / 1ST AVE	SSE 1/4 - 1/2 (0.408 mi.)	BY700	1481
HYDRAULIC OIL FROM VEHICLE 607 Spill Number/Closed Date: 0603703 / 8/15/2006	120 STREET & 1 AVENUE	SSE 1/4 - 1/2 (0.408 mi.)	BY701	1483
VS2027 VAULT Spill Number/Closed Date: 1000204 / 5/21/2010	1RST AVE AND EAST 120ST	SSE 1/4 - 1/2 (0.408 mi.)	BY702	1484
MANHOLE 53880 Spill Number/Closed Date: 9913836 / 11/16/2004	1ST AVE/E120TH ST	SSE 1/4 - 1/2 (0.411 mi.)	BY704	1487
NEWMARK KIGHT FRANK Spill Number/Closed Date: 0610344 / 7/10/2008	***20 BRUCKNER BLVD***	***ENE 1/4 - 1/2 (0.415 mi.)***	***707***	***1490***
MH 21502 IS TIDAL. HAS HALF PI Spill Number/Closed Date: 0801577 / 8/5/2008	327 EAST 132 STREET	ENE 1/4 - 1/2 (0.416 mi.)	BX708	1495
M AND M GROCERY Spill Number/Closed Date: 0605241 / 8/10/2006	2337 1ST AVE	SSE 1/4 - 1/2 (0.418 mi.)	BY709	1496
SPILL NUMBER 0100396 Spill Number/Closed Date: 0100396 / 6/16/2003	406 EAST 120TH ST	SSE 1/4 - 1/2 (0.420 mi.)	BY710	1497
209594; N/S EAST 134 STREETT Spill Number/Closed Date: 0890348 / 2/12/2008	N/S EAST 134 STREETT	NE 1/4 - 1/2 (0.423 mi.)	CE713	1505
213672; THIRD AVE & E134 ST Spill Number/Closed Date: 0814471 / 9/23/2008	THIRD AVE & E134 ST	NE 1/4 - 1/2 (0.423 mi.)	CE714	1506
225 EAST 134TH STREET Spill Number/Closed Date: 1211842 / 3/27/2013	***225 EAST 134TH STREET***	***NE 1/4 - 1/2 (0.425 mi.)***	***CE717***	***1509***
SPILL NUMBER 0108616 Spill Number/Closed Date: 9901930 / 4/3/2002	***225 EAST 134TH ST***	***NE 1/4 - 1/2 (0.425 mi.)***	***CE718***	***1512***
MANHOLE 5996 Spill Number/Closed Date: 9907011 / 9/30/1999	132ND ST & ALEXANDER	ENE 1/4 - 1/2 (0.426 mi.)	CG719	1514
MANHOLE #23956 Spill Number/Closed Date: 9913614 / 7/10/2003	E 132ND ST & ALEXANDER	ENE 1/4 - 1/2 (0.426 mi.)	CG720	1516
MANHOLE #5955 Spill Number/Closed Date: 0001209 / 3/23/2004	E 132ND ST & ALEXANDER	ENE 1/4 - 1/2 (0.426 mi.)	CG721	1517
MANHOLE #32072 Spill Number/Closed Date: 9913725 / 3/22/2002	ALEXANDER ST/E 132ND ST	ENE 1/4 - 1/2 (0.426 mi.)	CG722	1518
LINCOLN HOUSES Spill Number/Closed Date: 1003243 / 7/1/2010	2130 MADISON AVE	N 1/4 - 1/2 (0.426 mi.)	CH723	1519
132ND AVENUE AT Spill Number/Closed Date: 9710572 / 5/1/1998	ALEXANDER AVENUE	ENE 1/4 - 1/2 (0.426 mi.)	CG724	1520
MAN HOLE #5952 Spill Number/Closed Date: 9903392 / 5/18/2000	E 123RD ST & ALEXANDER	ENE 1/4 - 1/2 (0.426 mi.)	CG725	1521
LINCOLN -NYCHA Spill Number/Closed Date: 9607561 / Not Reported Spill Number/Closed Date: 9609643 / 12/13/1996 Spill Number/Closed Date: 9609040 / 10/28/1996	***2130 MADISON AVE***	***N 1/4 - 1/2 (0.440 mi.)***	***CH744***	***1546***
LAGUARDIA MEMORIAL HOUSE Spill Number/Closed Date: 9601565 / 4/30/1996	249 EAST 117TH ST	S 1/4 - 1/2 (0.441 mi.)	CN745	1552
TRANSFORMER MANHOLE #729 Spill Number/Closed Date: 9906498 / 12/7/1999	EAST 134TH ST/LINCOLN A	NE 1/4 - 1/2 (0.442 mi.)	CO746	1553

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE 17444 Spill Number/Closed Date: 0405598 /	EAST 134 ST AND LINCOLN 12/29/2004	NE 1/4 - 1/2 (0.442 mi.)	CO747	1555
MANHOLE Spill Number/Closed Date: 9802488 /	134TH ST / LINCOLN AVE 6/22/1998	NE 1/4 - 1/2 (0.442 mi.)	CO748	1556
MANHOLE # 17444 Spill Number/Closed Date: 0404510 /	LINCLON AVE&134TH SR 10/7/2004	NE 1/4 - 1/2 (0.444 mi.)	CO751	1562
2135 MADISON AVE Spill Number/Closed Date: 9702650 /	2135 MADISON AVE 2/25/2003	N 1/4 - 1/2 (0.445 mi.)	CH752	1563
MANHOLE # 53850 Spill Number/Closed Date: 0509270 /	EAST 119 ST & 1 AVE 12/16/2005	SSE 1/4 - 1/2 (0.449 mi.)	CQ753	1564
APARTMENT BUILDING Spill Number/Closed Date: 0307164 /	2312 FIRST AVE 10/17/2003	SSE 1/4 - 1/2 (0.461 mi.)	CQ761	1573
420 E. 119TH STREET Spill Number/Closed Date: 9413711 /	420 E. 119TH STREET 1/14/1995	SSE 1/4 - 1/2 (0.468 mi.)	CQ775	1594
MAN HOLE 59258 Spill Number/Closed Date: 0900409 /	WEST 133 ST AND 5TH AVE Not Reported	NNW 1/4 - 1/2 (0.469 mi.)	CV776	1595
SERVICE BOX 55036 Spill Number/Closed Date: 0011175 /	2276 2ND AVE 5/30/2001	S 1/4 - 1/2 (0.470 mi.)	CR777	1596
ALCON INDUSTRIES Spill Number/Closed Date: 1213805 /	2175 5TH AVE 5/15/2013	NNW 1/4 - 1/2 (0.472 mi.)	CV780	1600
RESIDENCE Spill Number/Closed Date: 0202072 /	2312 FIRST AVE 10/7/2003	SSE 1/4 - 1/2 (0.472 mi.)	CQ781	1601
LITTLE SISTERS HOUSE Spill Number/Closed Date: 8910601 /	426 EAST 119TH STREET 11/6/2001	SSE 1/4 - 1/2 (0.474 mi.)	CQ784	1607
LITTLE SISTERS ASSUMPTION Spill Number/Closed Date: 9710576 /	426 EAST 119TH STREET 1/8/1998	SSE 1/4 - 1/2 (0.475 mi.)	CQ786	1609
VAULT 3660 Spill Number/Closed Date: 9913511 /	FDR DR/ E 135TH ST 2/28/2002	N 1/4 - 1/2 (0.479 mi.)	791	1615
TRI BURROUGH BRIDGE Spill Number/Closed Date: 0003772 /	TRI BURROUGH BRIDGE 4/21/2003	ESE 1/4 - 1/2 (0.479 mi.)	CY792	1616
TRIBORO BRIDGE Spill Number/Closed Date: 0001112 /	MID SPAN 2/24/2003	ESE 1/4 - 1/2 (0.479 mi.)	CY793	1617
EMPTY LOT Spill Number/Closed Date: 0001384 /	200 E 135TH ST 6/21/2000	NE 1/4 - 1/2 (0.479 mi.)	794	1618
217562; E 135 ST AND THIRD AVE Spill Number/Closed Date: 0914314 /	E 135 ST AND THIRD AVE 10/25/2009	NE 1/4 - 1/2 (0.480 mi.)	CZ795	1620
MANHOLE 53842 Spill Number/Closed Date: 0007704 /	EAST 118 TH ST/1ST AVE 6/30/2004	S 1/4 - 1/2 (0.486 mi.)	CQ802	1628
135TH ST & 3RD AVENUE Spill Number/Closed Date: 9306863 /	135TH ST / 3RD AVENUE 9/18/2008	NE 1/4 - 1/2 (0.492 mi.)	CZ807	1634
MANHOLE 22409 Spill Number/Closed Date: 9814753 /	135TH ST & 3RD AV 7/28/2005	NE 1/4 - 1/2 (0.492 mi.)	CZ808	1635
HOLY ROSARY CHURCH Spill Number/Closed Date: 0809380 /	444 EAST 119TH ST 11/21/2008	SSE 1/4 - 1/2 (0.492 mi.)	DC809	1636
PROJECT GREEN HOPE Spill Number/Closed Date: 0502340 /	448 EAST 119TH ST 5/31/2005	SSE 1/4 - 1/2 (0.496 mi.)	DC815	1645

Lower Elevation	Address	Direction / Distance	Map ID	Page
RESIDENTIAL	420 EAST 119TH STREET	SSE 1/4 - 1/2 (0.497 mi.)	DC816	1646
Spill Number/Closed Date: 1011591 / 2/22/2011				

NY SPILLS 90: Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

A review of the NY SPILLS 90 list, as provided by EDR, and dated 12/14/2012 has revealed that there is 1 NY SPILLS 90 site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
225 EAST 134TH STREET	225 EAST 134TH STREET	NE 1/4 - 1/2 (0.425 mi.)	CE716	1509

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there are 89 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE BOX: 20848	148 E 126TH ST	NW 0 - 1/8 (0.008 mi.)	A15	26
CON EDISON SERVICE BOX: 20842	143 E 126TH ST	NW 0 - 1/8 (0.017 mi.)	A22	33
2083 DRY CLEAN INC	***2083 LEXINGTON AVE***	***WNW 0 - 1/8 (0.018 mi.)***	***A24***	***35***
CON EDISON SERVICE BOX: 20670	165 E 125TH ST	SW 0 - 1/8 (0.030 mi.)	A37	59
CON EDISON SERVICE BOX: 20671	167 E 125TH ST	SW 0 - 1/8 (0.030 mi.)	A39	60
CON EDISON SERVICE BOX: 20672	173 E 125TH ST	SSW 0 - 1/8 (0.030 mi.)	A41	62
CON EDISON SERVICE BOX: 20700	E 125TH & 3RD AVE	SSE 0 - 1/8 (0.040 mi.)	E65	104
CON EDISON SERVICE BOX: 20690	E 125TH & 3RD AVE	SSE 0 - 1/8 (0.040 mi.)	E67	106
CON EDISION - MH 58068	***125TH ST. & 3RD AVE. 12***	***SSE 0 - 1/8 (0.040 mi.)***	***E68***	***107***
CON EDISON SERVICE BOX: 20694	200 E 125TH ST	SSE 0 - 1/8 (0.044 mi.)	E70	109
CON EDISON SERVICE BOX: 20693	200 E 125TH ST	SSE 0 - 1/8 (0.044 mi.)	E72	111
CON EDISON SERVICE BOX: 20683	205 E 125TH ST	SSE 0 - 1/8 (0.046 mi.)	E74	112
CON EDISON SERVICE BOX: 20684	209 E 125TH ST	SSE 0 - 1/8 (0.050 mi.)	E76	114
NYCTA - 248 CENTRAL INSTR RM	***125TH ST & LEXINGTON AV***	***WSW 0 - 1/8 (0.051 mi.)***	***D79***	***117***
NYCTA - SOUTH 125TH ST RELAY R	***125TH ST & LEXINGTON AV***	***WSW 0 - 1/8 (0.051 mi.)***	***D81***	***124***
CON EDISON SERVICE BOX: 20695	212 E 125TH ST	SSE 0 - 1/8 (0.055 mi.)	E88	133
USPS - TRIBOROUGH STATION	***167 E 124TH ST***	***SSW 0 - 1/8 (0.082 mi.)***	***H121***	***211***
CON EDISON SERVICE BOX: 20438	181 E 124TH ST	SSW 0 - 1/8 (0.083 mi.)	H124	218
CON EDISON SERVICE BOX: 20374	161 W 124TH ST	SW 0 - 1/8 (0.083 mi.)	H127	221
CON EDISON SERVICE BOX: 20436	153 E 124TH ST	SW 0 - 1/8 (0.083 mi.)	H129	223
CON EDISON SERVICE BOX: 20437	165 E 124TH ST	SW 0 - 1/8 (0.084 mi.)	H132	226
CON EDISON SERVICE BOX: 20439	156 E 124TH ST	SW 0 - 1/8 (0.085 mi.)	H136	236
CON EDISON MANHOLE 20441	166-72 E 124TH ST E OF	SW 0 - 1/8 (0.085 mi.)	H138	238
CON EDISON SERVICE BOX 39234	E 124TH ST & LEXINGTON	SW 0 - 1/8 (0.086 mi.)	H141	240
METRO NORTH 125TH ST STATION	***126TH ST & PARK AVE***	***NW 0 - 1/8 (0.097 mi.)***	***J170***	***355***
R CONTE INC	1841 PARK AVE	NW 0 - 1/8 (0.106 mi.)	J193	429

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE BOX: 42139	1869 PARK AVE	NNW 1/8 - 1/4 (0.132 mi.)	R240	604
NYCHA - ROBINSON HOUSES	***111 E 128TH ST***	***NNW 1/8 - 1/4 (0.135 mi.)***	***M242***	***607***
OUR CLEANERS	***2021 LEXINGTON AVE***	***SW 1/8 - 1/4 (0.148 mi.)***	***Q261***	***640***
CLARK & WILKINS	***1871 PARK AVE***	***NNW 1/8 - 1/4 (0.149 mi.)***	***R268***	***657***
CON EDISON MANHOLE 42141	E 128TH ST & PARK AVE N	NNW 1/8 - 1/4 (0.155 mi.)	R275	667
CON EDISON MANHOLE 42141	PARK AVE & E 128TH ST N	NNW 1/8 - 1/4 (0.155 mi.)	R276	667
CON EDISON SERVICE BOX: 20807	80 W 126TH ST	WNW 1/8 - 1/4 (0.156 mi.)	W278	672
TAINO TOWER DRY CLEANERS	***2253 3RD AVE***	***SSW 1/8 - 1/4 (0.158 mi.)***	***S282***	***678***
CON EDISON MANHOLE 42125	***E 128 ST & PARK AVE***	***NNW 1/8 - 1/4 (0.161 mi.)***	***R302***	***797***
CON EDISON SERVICE BOX: 20808	74 W 126TH ST	WNW 1/8 - 1/4 (0.165 mi.)	W321	819
CON EDISON SERVICE BOX: 20597	75 W 125TH ST	WNW 1/8 - 1/4 (0.171 mi.)	Y343	860
CON EDISON SERVICE BOX: 20639	75 E 125TH ST	WNW 1/8 - 1/4 (0.171 mi.)	Y345	861
CON EDISON SERVICE BOX 42143	1886 PARK AVE	NNW 1/8 - 1/4 (0.174 mi.)	R351	871
VERIZON NEW YORK INC	110 E 129TH ST	N 1/8 - 1/4 (0.180 mi.)	AE361	888
CHANDLER ROYCE CO	***185 E 122ND ST***	***SSW 1/8 - 1/4 (0.182 mi.)***	***S368***	***908***
CON EDISON SERVICE BOX 20111	180-182 E 122ND E OF L	SSW 1/8 - 1/4 (0.183 mi.)	S374	914
CON EDISON SERVICE BOX: 20797	61 W 126TH ST	WNW 1/8 - 1/4 (0.184 mi.)	W376	915
CON EDISON	E 122ND ST & LEXINGTON	SW 1/8 - 1/4 (0.184 mi.)	AF377	916
CON EDISON	LEXINGTON AVE & W 122ND	SW 1/8 - 1/4 (0.184 mi.)	AF379	918
CON EDISON SERVICE BOX 20110	170 E 122ND ST E OF LEX	SSW 1/8 - 1/4 (0.184 mi.)	AF385	925
CON EDISON SERVICE BOX: 20114	E 122ND & 3RD AVE	SSW 1/8 - 1/4 (0.184 mi.)	AG388	927
CON EDISON SERVICE BOX 20112	213 E 122 ST E OF 3RD A	S 1/8 - 1/4 (0.188 mi.)	AG401	968
CON EDISON SERVICE BOX: 20598	65 W 125TH ST	WNW 1/8 - 1/4 (0.188 mi.)	Y402	969
CON EDISON MANHOLE 42152	PARK AVE & E 129TH ST N	NNW 1/8 - 1/4 (0.191 mi.)	AE411	982
CON EDISON MANHOLE 42148	E 129TH ST & PARK AVE N	NNW 1/8 - 1/4 (0.191 mi.)	AE412	982
CON EDISON SERVICE BOX 21058	73 E 128TH ST	NNW 1/8 - 1/4 (0.195 mi.)	AK423	996
CON EDISON SERVICE BOX: 20104	124 E 122ND ST	SW 1/8 - 1/4 (0.196 mi.)	AH427	1000
CON EDISON SERVICE BOX: 20103	116 E 122ND ST	WSW 1/8 - 1/4 (0.200 mi.)	AH440	1018
CON EDISON SERVICE BOX: 20102	110 E 122ND ST	WSW 1/8 - 1/4 (0.205 mi.)	AH455	1040
CON EDISON SERVICE BOX 21057	63 E 128TH ST	NNW 1/8 - 1/4 (0.208 mi.)	AK461	1070
CON EDISON SERVICE BOX: 20641	53 E 125TH ST	WNW 1/8 - 1/4 (0.208 mi.)	Y462	1070
CON EDISON SERVICE BOX: 20625	MADISON AVE & E 125TH S	WNW 1/8 - 1/4 (0.214 mi.)	AP479	1095
CON EDISON SERVICE BOX: 50817	1978 MADISON AVE	NW 1/8 - 1/4 (0.214 mi.)	AI482	1098
CON EDISON MANHOLE 50809	1941-1944 MADISON AVE &	WNW 1/8 - 1/4 (0.219 mi.)	AP496	1135
CON EDISON - VS 1682	***E. 124TH ST. AND MADISO***	***W 1/8 - 1/4 (0.229 mi.)***	***AT515***	***1165***
CON EDISON SERVICE BOX: 50805	E 124TH ST & MADISON AV	W 1/8 - 1/4 (0.229 mi.)	AT516	1167
CON EDISON SERVICE BOX: 19967	E 121ST ST & 3RD AVE	SSW 1/8 - 1/4 (0.234 mi.)	AG534	1203
CON EDISON SERVICE BOX: 19952	132 E 121ST ST	SW 1/8 - 1/4 (0.234 mi.)	AW535	1204
GOLDWATER NORTH SNF	1752 PARK AVE	WSW 1/8 - 1/4 (0.235 mi.)	AN540	1210
CON EDISON SERVICE BOX: 50826	E 128TH ST & MADISON AV	NW 1/8 - 1/4 (0.236 mi.)	AK548	1232
CON EDISON MANHOLE 50834	E 128TH ST & MADISON AV	NW 1/8 - 1/4 (0.236 mi.)	AK549	1233
ODYSSEY HOUSE OF NEW YORK	***219 E 121ST ST***	***S 1/8 - 1/4 (0.237 mi.)***	***AY555***	***1244***
CON EDISON SERVICE BOX: 20802	31 W 126TH ST	WNW 1/8 - 1/4 (0.238 mi.)	AO556	1246
V3903	***1911 MADISON AVENUE***	***W 1/8 - 1/4 (0.238 mi.)***	***AT559***	***1249***
CON EDISON SERVICE BOX: 20627	35 E 125TH ST	WNW 1/8 - 1/4 (0.243 mi.)	AP564	1255
CON EDISON SERVICE BOX: 21054	30 E 128TH ST	NW 1/8 - 1/4 (0.244 mi.)	BB567	1259
CON EDISON SERVICE BOX: 20626	33 E 125TH ST	WNW 1/8 - 1/4 (0.247 mi.)	AP573	1268

Lower Elevation	Address	Direction / Distance	Map ID	Page
LIMAX CORP - AMOCO	***255 E 125TH ST***	***SE 0 - 1/8 (0.104 mi.)***	***K182***	***406***
CON EDISON SERVICE BOX: 21083	E 128TH ST & 3RD AVE	NE 0 - 1/8 (0.108 mi.)	O197	435
CON EDISON SERVICE BOX: 21085	E 128 ST & 3RD AVE	NE 0 - 1/8 (0.108 mi.)	O199	437
CON EDISON SERVICE BOX: 21080	202 E 128TH ST	ENE 0 - 1/8 (0.109 mi.)	O202	440
CON EDISON SERVICE BOX: 21081	206 E 128TH ST	ENE 0 - 1/8 (0.114 mi.)	O211	462
CON EDISON SERVICE BOX: 21082	214 E 128TH ST	ENE 1/8 - 1/4 (0.126 mi.)	O224	547

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON SERVICE BOX: 39265	E 129TH ST & LEXINGTON	NNE 1/8 - 1/4 (0.154 mi.)	U273	665
CON EDISON SERVICE BOX: 21084	232 E 128TH ST	E 1/8 - 1/4 (0.162 mi.)	T305	802
CON EDISON SERVICE BOX: 20712	E 125TH & 2ND AVE	SE 1/8 - 1/4 (0.163 mi.)	Z306	803
CON EDISON SERVICE BOX: 20706	E 125TH & 2ND AVE	SE 1/8 - 1/4 (0.163 mi.)	Z308	804
CON EDISON SERVICE BOX: 55114	E 125TH & 2ND AVE	SE 1/8 - 1/4 (0.163 mi.)	Z309	805
CON EDISON SERVICE BOX 55107	2417 2ND AVE OPPOSITE	SE 1/8 - 1/4 (0.179 mi.)	AD357	877
CON EDISON SERVICE BOX 55142	E 128TH ST & 2ND AVE NE	E 1/8 - 1/4 (0.190 mi.)	AA409	978
NYC DEP	123RD ST & 2ND AVE	SSE 1/8 - 1/4 (0.213 mi.)	AJ473	1086
MAYTAG LAUNDRY & DRY CLEAN	***2390 2ND AVE***	***SSE 1/8 - 1/4 (0.232 mi.)***	***AJ520***	***1175***
CON EDISON SERVICE BOX: 20120	230 E 122ND ST	SSE 1/8 - 1/4 (0.242 mi.)	BA563	1255

NY HSWDS: 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 latest version of the study 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 in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there is 1 NY HSWDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ODYSSEY HOUSE	219 E. 121ST STREET	S 1/8 - 1/4 (0.237 mi.)	AY554	1242

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 05/01/2014 has revealed that there are 157 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	148 E 126TH ST	NW 0 - 1/8 (0.008 mi.)	A16	27
CON EDISON	FO 149 126TH ST AND LEX	NW 0 - 1/8 (0.009 mi.)	A17	28
CON EDISON	143 E 126TH ST	NW 0 - 1/8 (0.017 mi.)	A21	32
DAVAL CLEANERS	***2083 LEXINGTON AVENUE***	***WNW 0 - 1/8 (0.018 mi.)***	***A23***	***34***
CON EDISON	2083 LEXINGTON AVE	WNW 0 - 1/8 (0.019 mi.)	A26	37
CON EDISON	2080 LEXINGTON AVE	NW 0 - 1/8 (0.020 mi.)	A27	38
CON EDISON	2082 LEXINGTON AVE	NW 0 - 1/8 (0.022 mi.)	A29	41
CON EDISON	2086 LEXINGTON AVE	NNW 0 - 1/8 (0.029 mi.)	C31	44
CON EDISON	165 E 125TH STREET	SW 0 - 1/8 (0.030 mi.)	A36	58
CON EDISON	167 E 125TH ST	SW 0 - 1/8 (0.030 mi.)	A38	59
CON EDISON	173 E 125TH STREET	SSW 0 - 1/8 (0.030 mi.)	A40	61
CONSOLIDATED EDISON	OPP. 159 E 125 ST	SW 0 - 1/8 (0.030 mi.)	A42	63
CONSOLIDATED EDISON	154 EAST 125 ST	WSW 0 - 1/8 (0.031 mi.)	A43	64
CONSOLIDATED EDISON	152 E 125TH STREET	WSW 0 - 1/8 (0.031 mi.)	D44	65
CONSOLIDATED EDISON	E 125 ST & LEXINGTON AV	WSW 0 - 1/8 (0.035 mi.)	D57	91
CONED	142 EAST 125TH STREET A	WSW 0 - 1/8 (0.037 mi.)	D62	98
CON EDISION - MH 58068	***125TH ST. & 3RD AVE. 12***	***SSE 0 - 1/8 (0.040 mi.)***	***E68***	***107***
CON EDISON	FO 200 EAST 125TH ST	SSE 0 - 1/8 (0.044 mi.)	E71	110
CON EDISON	FO 205 E 125TH ST	SSE 0 - 1/8 (0.046 mi.)	E75	113

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	FO 209 E 125TH ST	SSE 0 - 1/8 (0.050 mi.)	E77	115
NYCTA - 248 CENTRAL INSTR RM	***125TH ST & LEXINGTON AV***	***WSW 0 - 1/8 (0.051 mi.)***	***D79***	***117***
MTA NYCT - 125TH ST & LEXINGTO	***125TH ST & LEXINGTON AV***	***WSW 0 - 1/8 (0.051 mi.)***	***D80***	***119***
NYCTA - SOUTH 125TH ST RELAY R	***125TH ST & LEXINGTON AV***	***WSW 0 - 1/8 (0.051 mi.)***	***D81***	***124***
CON EDISON	2056 LEXINGTON AVE	WSW 0 - 1/8 (0.054 mi.)	D85	131
CONED	EAST 127TH STREET AND L	N 0 - 1/8 (0.057 mi.)	C91	141
CONED	2287 E 3RD AVE	S 0 - 1/8 (0.075 mi.)	E119	206
USPS - TRIBOROUGH STATION	***167 E 124TH ST***	***SSW 0 - 1/8 (0.082 mi.)***	***H121***	***211***
CONSOLIDATED EDISON	118 EAST 125 STREET EAS	W 0 - 1/8 (0.083 mi.)	G123	217
CON EDISON	181 E 124TH ST	SSW 0 - 1/8 (0.083 mi.)	H125	219
CON EDISON	FT OF 161 W 124TH ST	SW 0 - 1/8 (0.083 mi.)	H126	220
CON EDISON	153 E 124TH ST	SW 0 - 1/8 (0.083 mi.)	H128	222
CON EDISON	165 E 124TH ST	SW 0 - 1/8 (0.084 mi.)	H133	227
CON EDISON	156 E 124TH ST	SW 0 - 1/8 (0.085 mi.)	H137	237
CONED	2282 3RD AVE	S 0 - 1/8 (0.086 mi.)	H142	241
NYCTA - 128TH STREET YARD	***128 EAST 128TH STREET***	***NNW 0 - 1/8 (0.093 mi.)***	***M154***	***278***
CONSOLIDATED EDISON	2032 LEXINGTON AVE	SW 0 - 1/8 (0.094 mi.)	H155	280
WILLIAM SOMERVILLE INC	***166 E 124TH ST***	***SSW 0 - 1/8 (0.096 mi.)***	***H167***	***325***
METRO NORTH 125TH ST STATION	***126TH ST & PARK AVE***	***NW 0 - 1/8 (0.097 mi.)***	***J170***	***355***
CON EDISON	126 W 124TH ST	WSW 0 - 1/8 (0.103 mi.)	N177	381
CON EDISON	FO 2275 3RD AVE	S 0 - 1/8 (0.105 mi.)	L186	414
LEE BUILDING	***103 E 125TH ST***	***WNW 0 - 1/8 (0.106 mi.)***	***G194***	***430***
CONSOLIDATED EDISON	EAST 125 BETW LEXINGTON	WNW 1/8 - 1/4 (0.129 mi.)	P238	602
NYCHA - ROBINSON HOUSES	111 E 128TH ST	NNW 1/8 - 1/4 (0.135 mi.)	M243	609
CONSOLIDATED EDISON	2262 THIRD AVE	S 1/8 - 1/4 (0.135 mi.)	S244	610
CONSOLIDATED EDISON	1871 PARK AVE	NNW 1/8 - 1/4 (0.135 mi.)	R247	615
CONED	108 EAST 128TH STREET A	NNW 1/8 - 1/4 (0.136 mi.)	M249	621
CONED	112-126 E 128TH ST	N 1/8 - 1/4 (0.141 mi.)	U259	637
OUR CLEANERS	***2021 LEXINGTON AVE***	***SW 1/8 - 1/4 (0.148 mi.)***	***Q261***	***640***
CONSOLIDATED EDISON	120 EAST 123RD STREET	WSW 1/8 - 1/4 (0.148 mi.)	Q266	655
CLARK & WILKINS	***1871 PARK AVE***	***NNW 1/8 - 1/4 (0.149 mi.)***	***R268***	***657***
CONED	118 E 123RD ST	WSW 1/8 - 1/4 (0.150 mi.)	Q269	659
TAINO TOWER DRY CLEANERS	***2253 3RD AVE***	***SSW 1/8 - 1/4 (0.158 mi.)***	***S282***	***678***
CON EDISON MANHOLE 42125	***E 128 ST & PARK AVE***	***NNW 1/8 - 1/4 (0.161 mi.)***	***R302***	***797***
CON EDISON	81 E 125 ST	WNW 1/8 - 1/4 (0.161 mi.)	Y303	799
CONED	1889 PARK AVENUE AND EA	NNW 1/8 - 1/4 (0.165 mi.)	R319	817
CONED	80 EAST 127TH STREET AN	NW 1/8 - 1/4 (0.167 mi.)	W327	826
CONSOLIDATED EDISON	80 EAST 127 ST	NW 1/8 - 1/4 (0.167 mi.)	W328	828
CON EDISON	75 E 125TH ST	WNW 1/8 - 1/4 (0.171 mi.)	Y344	860
CON EDISON	75 W 125TH ST	WNW 1/8 - 1/4 (0.171 mi.)	Y346	862
CONSOLIDATED EDISON	FRONT OF 1886 PARK AVE	NNW 1/8 - 1/4 (0.174 mi.)	R352	871
VERIZON NEW YORK INC	***110 E 129TH ST***	***N 1/8 - 1/4 (0.180 mi.)***	***AE360***	***887***
CONED	114 E 129 ST	N 1/8 - 1/4 (0.180 mi.)	AE362	889
CON EDISON	107 E 129 ST	N 1/8 - 1/4 (0.183 mi.)	AE373	913
CONSOLIDATED EDISON	LEXINGTON AVE AND E 122	SW 1/8 - 1/4 (0.184 mi.)	AF378	917
NYNEX	122ND & 3RD AVE	SSW 1/8 - 1/4 (0.184 mi.)	AG389	928
CON EDISON - PARKVIEW SUBSTATI	***1901 PARK AVE***	***N 1/8 - 1/4 (0.187 mi.)***	***AE399***	***964***
CON EDISON	213 E 122ND ST	S 1/8 - 1/4 (0.188 mi.)	AG400	967
CON EDISON	65 W 125TH ST	WNW 1/8 - 1/4 (0.188 mi.)	Y403	969
CON EDISON	57 E 126TH ST	WNW 1/8 - 1/4 (0.190 mi.)	W406	973
CONSOLIDATED EDISON	66 EAST 127 ST	NW 1/8 - 1/4 (0.191 mi.)	AI410	979
CONSOLIDATED EDISON	129TH ST B/T LEXINGTON	NNW 1/8 - 1/4 (0.191 mi.)	AE413	983
CONSOLIDATED EDISON	E 129TH ST BTW MADISON	NNW 1/8 - 1/4 (0.191 mi.)	AE414	985
CON EDISON	62 E 125TH ST	WNW 1/8 - 1/4 (0.194 mi.)	Y420	993
CON EDISON	FT OF 124 E 122ND ST	SW 1/8 - 1/4 (0.196 mi.)	AH424	997
CON EDISON	124 E 122ND ST	SW 1/8 - 1/4 (0.196 mi.)	AH425	998

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	51 E 126TH ST	WNW 1/8 - 1/4 (0.198 mi.)	W431	1004
CONSOLIDATED EDISON	72 E 123RD ST	W 1/8 - 1/4 (0.199 mi.)	AB435	1011
CON EDISON	FT OF 116 E 122ND ST	WSW 1/8 - 1/4 (0.200 mi.)	AH438	1016
CON EDISON	116 E 122ND ST	WSW 1/8 - 1/4 (0.200 mi.)	AH439	1017
CONED	70 E 123RD ST	W 1/8 - 1/4 (0.201 mi.)	AB444	1023
CON EDISON	58 E 125TH ST	WNW 1/8 - 1/4 (0.201 mi.)	Y445	1024
CONSOLIDATED EDISON	58 E 125TH ST	WNW 1/8 - 1/4 (0.201 mi.)	Y446	1025
CONSOLIDATED EDISON	60 E 127TH ST & MADISON	NW 1/8 - 1/4 (0.201 mi.)	AI448	1028
CON EDISON	110 E 122ND ST	WSW 1/8 - 1/4 (0.205 mi.)	AH453	1038
CON EDISON	FT OF 110 E 122ND ST	WSW 1/8 - 1/4 (0.205 mi.)	AH454	1039
CON EDISON	54 E 125TH ST	WNW 1/8 - 1/4 (0.208 mi.)	Y463	1071
CONED	105 E 122ND ST BTW	WSW 1/8 - 1/4 (0.209 mi.)	AH465	1073
CONSOLIDATED EDISON	56 E 123RD ST	W 1/8 - 1/4 (0.211 mi.)	AM467	1077
CON EDISON	1959 MADISON AVE	WNW 1/8 - 1/4 (0.213 mi.)	AP477	1091
CONSOLIDATED EDISON	MADISON AVE & E 125TH S	WNW 1/8 - 1/4 (0.214 mi.)	AP478	1092
CON EDISON	E 125TH ST & MADISON AV	WNW 1/8 - 1/4 (0.214 mi.)	AP481	1097
CON EDISON	1978 MADISON AVE	NW 1/8 - 1/4 (0.214 mi.)	AI483	1099
NY COLLEGE OF PODIATRIC MEDICI	***53 E 124TH ST***	***W 1/8 - 1/4 (0.215 mi.)***	***AC486***	***1103***
CONED	57 EAST 128TH STREET AN	NNW 1/8 - 1/4 (0.216 mi.)	AK489	1121
CONED	1988 MADISON AVE	NW 1/8 - 1/4 (0.216 mi.)	AI493	1127
CON EDISON - VS 1682	***E. 124TH ST. AND MADISO***	***W 1/8 - 1/4 (0.229 mi.)***	***AT515***	***1165***
NYCDEP	170 E 121TH ST	SSW 1/8 - 1/4 (0.233 mi.)	AW525	1192
CONED	209 E 121ST STREET	SSW 1/8 - 1/4 (0.235 mi.)	AY538	1207
CON EDISON	200 E 121 ST	SSW 1/8 - 1/4 (0.235 mi.)	AW539	1209
NYC HEALTH & HOSPITAL CORP	1752 PARK AVENUE	WSW 1/8 - 1/4 (0.235 mi.)	AN541	1212
CON EDISON	FT OF 62 E 129TH ST	NNW 1/8 - 1/4 (0.236 mi.)	AK550	1233
CONSOLIDATED EDISON	E 130TH ST CROSS ST & P	N 1/8 - 1/4 (0.237 mi.)	AR551	1234
CONSOLIDATED EDISON	PARK AVE & 130TH ST	N 1/8 - 1/4 (0.237 mi.)	AR552	1236
CONSOLIDATED EDISON	130TH ST & PARK AVE	N 1/8 - 1/4 (0.237 mi.)	AR553	1240
ODYSSEY HOUSE OF NEW YORK	***219 E 121ST ST***	***S 1/8 - 1/4 (0.237 mi.)***	***AY555***	***1244***
V3903	***1911 MADISON AVENUE***	***W 1/8 - 1/4 (0.238 mi.)***	***AT559***	***1249***
CONSOLIDATED EDISON	FRONT OF 1743 PARK AVE	WSW 1/8 - 1/4 (0.238 mi.)	AN560	1250
CONED	60 E 129TH STQ	NNW 1/8 - 1/4 (0.239 mi.)	AZ561	1252
CON EDISON	35 E 125TH ST	WNW 1/8 - 1/4 (0.243 mi.)	AP565	1256
CONSOLIDATED EDISON	1748 PARK AVE	WSW 1/8 - 1/4 (0.244 mi.)	AN569	1260
CON EDISON	33 E 125TH ST	WNW 1/8 - 1/4 (0.247 mi.)	AP574	1269
CONSOLIDATED EDISON	51 EAST 129 STREET	NNW 1/8 - 1/4 (0.250 mi.)	AZ579	1276

Lower Elevation	Address	Direction / Distance	Map ID	Page
FANCY EAST SIDE CLEANERS	***2315 3RD AVE***	***ESE 0 - 1/8 (0.033 mi.)***	***B49***	***70***
CONED	170 EAST 127TH STREET A	NE 0 - 1/8 (0.053 mi.)	F83	128
CON EDISON	FO 151 E 127 ST	NNE 0 - 1/8 (0.055 mi.)	F87	132
CONSOLIDATED EDISON	3RD AVE BTW 128TH ST& 1	ENE 0 - 1/8 (0.060 mi.)	B94	152
CONSOLIDATED EDISON	E 127 ST & 3RD AVE - MH	ENE 0 - 1/8 (0.060 mi.)	B95	154
CONSOLIDATED EDISON - MH 45816	EAST 127 ST & 3RD AVE	ENE 0 - 1/8 (0.060 mi.)	B96	156
CONED	209 E125TH ST	SE 0 - 1/8 (0.062 mi.)	B99	160
CON EDISON	FO 210 E 127 ST	ENE 0 - 1/8 (0.067 mi.)	B112	191
CONED	OPP 2355 3RD AVE	ENE 0 - 1/8 (0.072 mi.)	F117	198
CONSOLIDATED EDIOSN	230 E 127TH ST	E 0 - 1/8 (0.085 mi.)	I135	234
CONED	230 E 125TH ST	SE 0 - 1/8 (0.094 mi.)	K157	288
CON EDISON	FO 168 E 128 ST	NE 0 - 1/8 (0.102 mi.)	F175	378
SCHOOL CONSTRUCTION AUTHORITY	144-176 EAST 128TH STRE	N 0 - 1/8 (0.104 mi.)	M180	388
LIMAX CORP - AMOCO	255 E 125TH ST	SE 0 - 1/8 (0.104 mi.)	K183	407
CONSOLIDATED EDISON	LEXINGTON AVE & 128TH S	N 0 - 1/8 (0.105 mi.)	M188	415
CON EDISON	202 E 128 ST	ENE 0 - 1/8 (0.109 mi.)	O201	439

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON	FT OF 235 E 124 ST	SSE 0 - 1/8 (0.111 mi.)	L207	450
CON EDISON	206 E 128 ST	ENE 0 - 1/8 (0.114 mi.)	O212	462
NEW YORK AUTO MALL SITE	***2485-2495 2ND AVE - EAS***	***E 0 - 1/8 (0.118 mi.)***	***I214***	***468***
CONED	210 E124TH ST	SSE 0 - 1/8 (0.123 mi.)	L223	545
CON EDISON	214 E 128 ST	ENE 1/8 - 1/4 (0.126 mi.)	O225	548
CONED	129 E 22 ST AND LEXINGT	NNE 1/8 - 1/4 (0.153 mi.)	U270	661
CONSOLIDATED EDISON	EAST 126TH ST & 2ND AVE	ESE 1/8 - 1/4 (0.159 mi.)	X284	699
CONSOLIDATED EDISON	126 ST & 2ND AVE	ESE 1/8 - 1/4 (0.159 mi.)	X285	703
NYCTA	***2460 2ND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X290***	***709***
CON EDISON	232 E 128 ST	E 1/8 - 1/4 (0.162 mi.)	T304	801
CONSOLIDATED EDISON - MH55110	EAST 125TH ST & 2ND AVE	SE 1/8 - 1/4 (0.163 mi.)	Z311	807
MTA NYCT - 2ND AVE SUBWAY 128T	***2485 2ND AVE***	***E 1/8 - 1/4 (0.166 mi.)***	***AA322***	***820***
CON EDISON	E 127TH ST & 2ND AVE	E 1/8 - 1/4 (0.167 mi.)	X326	825
CON EDISON	FO 2433 2ND AVE	SE 1/8 - 1/4 (0.169 mi.)	Z336	842
CONSOLIDATED EDISON	238 E 128TH ST	E 1/8 - 1/4 (0.173 mi.)	T350	868
CONSOLIDATED EDISON	OPPOSITE 2417 2ND AVE	SE 1/8 - 1/4 (0.179 mi.)	AD356	876
CONSOLIDATED EDISON	237 E 123RD ST	SSE 1/8 - 1/4 (0.180 mi.)	V358	878
CONSOLIDATED EDISON	FRONT OF 238 EAST 123 S	SSE 1/8 - 1/4 (0.184 mi.)	V386	925
NEW YORK CITY DEPT OF TRANSPOR	2602 SECOND AVENUE	E 1/8 - 1/4 (0.185 mi.)	AA391	930
CON EDISON	FT OF 2413 2ND AVE	SSE 1/8 - 1/4 (0.186 mi.)	AD395	959
CONSOLIDATED EDISON	E 124TH ST & 2ND AVE	SSE 1/8 - 1/4 (0.186 mi.)	AD396	960
CONSOLIDATED EDISON	243 EAST 123TH STREEET	SSE 1/8 - 1/4 (0.193 mi.)	AJ415	986
CON EDISON	244 W 123 ST	SSE 1/8 - 1/4 (0.195 mi.)	AJ422	995
CON EDISON	247 E 123RD ST	SSE 1/8 - 1/4 (0.197 mi.)	AJ430	1003
CON EDISON	OPP 246 E 122ST	S 1/8 - 1/4 (0.202 mi.)	V449	1031
CONTINENTAL AUTO BODY	***310 E 126TH ST***	***ESE 1/8 - 1/4 (0.207 mi.)***	***X459***	***1044***
CON EDISON	OPP 350 E 127 ST	ESE 1/8 - 1/4 (0.225 mi.)	AS510	1157
MAYTAG LAUNDRY & DRY CLEAN	***2390 2ND AVE***	***SSE 1/8 - 1/4 (0.232 mi.)***	***AJ520***	***1175***
CON EDISON	FO 230 E 122ND ST	SSE 1/8 - 1/4 (0.242 mi.)	BA562	1254

RI MANIFEST: Hazardous waste manifest information

A review of the RI MANIFEST list, as provided by EDR, and dated 05/01/2014 has revealed that there is 1 RI MANIFEST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYCTA	***2460 2ND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X290***	***709***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 05/01/2014 has revealed that there are 4 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WILLIAM SOMERVILLE INC	***166 E 124TH ST***	***SSW 0 - 1/8 (0.096 mi.)***	***H167***	***325***

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEW YORK AUTO MALL SITE	***2485-2495 2ND AVE - EAS***	***E 0 - 1/8 (0.118 mi.)***	***I214***	***468***
NYCTA	***2460 2ND AVE***	***ESE 1/8 - 1/4 (0.160 mi.)***	***X290***	***709***
CONTINENTAL AUTO BODY	***310 E 126TH ST***	***ESE 1/8 - 1/4 (0.207 mi.)***	***X459***	***1044***

EXECUTIVE SUMMARY

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 04/17/2014 has revealed that there are 3 NY DRYCLEANERS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DAVAL CLEANERS	***2083 LEXINGTON AVENUE***	***WNW 0 - 1/8 (0.018 mi.)***	***A23***	***34***
OUR CLEANERS	2021 LEXINGTON AVENUE#1	SW 1/8 - 1/4 (0.148 mi.)	Q262	651
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
FANCY EASTSIDE CLEANERS	2315 THIRD AVENUE	ESE 0 - 1/8 (0.033 mi.)	B51	84

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 06/18/2014 has revealed that there are 32 NY E DESIGNATION sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 48,TAXBLOCK 1774	EAST 126 STREET	0 - 1/8 (0.000 mi.)	A13	17
LOT 33,TAXBLOCK 1774	2306 3 AVENUE	SSE 0 - 1/8 (0.029 mi.)	B32	45
LOT 56,TAXBLOCK 1774	132 EAST 126 STREET	NW 0 - 1/8 (0.038 mi.)	C64	101
LOT 45,TAXBLOCK 1789	212 EAST 125 STREET	SSE 0 - 1/8 (0.056 mi.)	E90	138
LOT 18,TAXBLOCK 1773	2054 LEXINGTON AVENUE	WSW 0 - 1/8 (0.057 mi.)	D92	143
LOT 17,TAXBLOCK 1773	2050 LEXINGTON AVENUE	WSW 0 - 1/8 (0.063 mi.)	D103	168
LOT 17,TAXBLOCK 1774	127 EAST 125 STREET	W 0 - 1/8 (0.064 mi.)	G104	174
LOT 58,TAXBLOCK 1773	128 EAST 125 STREET	W 0 - 1/8 (0.066 mi.)	G110	183
LOT 61,TAXBLOCK 1773	122 EAST 125 STREET	W 0 - 1/8 (0.073 mi.)	G118	200
LOT 20,TAXBLOCK 1773	149 EAST 124 STREET	SW 0 - 1/8 (0.084 mi.)	H134	228
LOT 65,TAXBLOCK 1774	108 EAST 126 STREET	NW 0 - 1/8 (0.088 mi.)	J143	242
LOT 67,TAXBLOCK 1774	104 EAST 126 STREET	WNW 0 - 1/8 (0.088 mi.)	J146	251
LOT 66,TAXBLOCK 1774	106 EAST 126 STREET	WNW 0 - 1/8 (0.088 mi.)	J147	257
LOT 8,TAXBLOCK 1774	113 EAST 125 STREET	W 0 - 1/8 (0.091 mi.)	G151	268
LOT 7,TAXBLOCK 1774	111 EAST 125 STREET	W 0 - 1/8 (0.094 mi.)	G156	282
LOT 9,TAXBLOCK 1789	215 EAST 124 STREET	S 0 - 1/8 (0.096 mi.)	L166	322
LOT 6,TAXBLOCK 1774	109 EAST 125 STREET	W 0 - 1/8 (0.097 mi.)	G169	349
LOT 15,TAXBLOCK 1773	129 EAST 124 STREET	WSW 0 - 1/8 (0.098 mi.)	N172	360
LOT 68,TAXBLOCK 1774	102 EAST 126 STREET	NW 0 - 1/8 (0.100 mi.)	J173	366
LOT 5,TAXBLOCK 1774	107 EAST 125 STREET	W 0 - 1/8 (0.100 mi.)	G174	372
LOT 69,TAXBLOCK 1773	1815 PARK AVENUE	W 0 - 1/8 (0.119 mi.)	P220	536
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
LOT 43,TAXBLOCK 1789	214 EAST 125 STREET	SSE 0 - 1/8 (0.058 mi.)	E93	149
LOT 42,TAXBLOCK 1789	218 EAST 125 STREET	SSE 0 - 1/8 (0.062 mi.)	E100	162
LOT 34,TAXBLOCK 1789	232 EAST 125 STREET	SE 0 - 1/8 (0.094 mi.)	K158	289
LOT 36,TAXBLOCK 1789	228 EAST 125 STREET	SE 0 - 1/8 (0.094 mi.)	K159	295
LOT 35,TAXBLOCK 1789	230 EAST 125 STREET	SE 0 - 1/8 (0.094 mi.)	K162	308
LOT 30,TAXBLOCK 1789	246 EAST 125 STREET	SE 0 - 1/8 (0.095 mi.)	K164	316
LOT 16,TAXBLOCK 1789	233 EAST 124 STREET	SSE 0 - 1/8 (0.109 mi.)	L205	444
LOT 18,TAXBLOCK 1789	237 EAST 124 STREET	SSE 0 - 1/8 (0.113 mi.)	L210	457
LOT 19,TAXBLOCK 1789	241 EAST 124 STREET	SSE 0 - 1/8 (0.116 mi.)	L213	463
LOT 20,TAXBLOCK 1789	243 EAST 124 STREET	SSE 0 - 1/8 (0.118 mi.)	L219	532
LOT 121,TAXBLOCK 1789	247 EAST 124 STREET	SSE 0 - 1/8 (0.122 mi.)	221	540

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - EAST 115TH ST. WO	EAST 114TH - EAST 116TH	SSE 1/2 - 1 (0.702 mi.)	821	1653
CON EDISON - EAST 111TH ST. WO	EAST 110TH - EAST 112TH	S 1/2 - 1 (0.801 mi.)	822	1653
CON EDISON - EAST 108TH ST. ST	108TH ST. WEST OF FIRST	S 1/2 - 1 (0.959 mi.)	824	1671

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 23 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	205 E 125TH ST	SSE 0 - 1/8 (0.046 mi.)	E73	112
Not reported	213 E 125TH ST	SSE 0 - 1/8 (0.054 mi.)	E86	132
Not reported	167 E 124TH ST	SW 0 - 1/8 (0.084 mi.)	H130	224
Not reported	2280 3RD AVE	S 0 - 1/8 (0.089 mi.)	H149	264
Not reported	1851 PARK AVE	NW 0 - 1/8 (0.110 mi.)	J206	450
Not reported	1824 PARK AVE	WNW 1/8 - 1/4 (0.127 mi.)	P228	551
Not reported	82 E 127TH ST	NW 1/8 - 1/4 (0.164 mi.)	W315	812
Not reported	175 E 122ND ST	SSW 1/8 - 1/4 (0.183 mi.)	AF371	912
Not reported	1767 PARK AVE	WSW 1/8 - 1/4 (0.190 mi.)	AB407	974
Not reported	1990 LEXINGTON AVE	SW 1/8 - 1/4 (0.211 mi.)	AF469	1082
Not reported	1908 PARK AVE	N 1/8 - 1/4 (0.219 mi.)	AE501	1142
Not reported	1938 MADISON AVE	WNW 1/8 - 1/4 (0.221 mi.)	AP506	1151
Not reported	1936 MADISON AVE	WNW 1/8 - 1/4 (0.222 mi.)	AP507	1151

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	208 E 127TH ST	ENE 0 - 1/8 (0.066 mi.)	B105	177
Not reported	223 E 125TH ST	SE 0 - 1/8 (0.066 mi.)	E106	177
Not reported	212 E 127TH ST	ENE 0 - 1/8 (0.069 mi.)	F113	192

EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	246 E 125TH ST	SE 0 - 1/8 (0.095 mi.)	K165	322
Not reported	222 E 128TH ST	ENE 1/8 - 1/4 (0.139 mi.)	T256	632
Not reported	322 E 125TH ST	SE 1/8 - 1/4 (0.165 mi.)	Z320	819
Not reported	2485 2ND AVE	E 1/8 - 1/4 (0.166 mi.)	AA323	823
Not reported	244 E 128TH ST	E 1/8 - 1/4 (0.183 mi.)	AA375	915
Not reported	306 E 126TH ST	ESE 1/8 - 1/4 (0.194 mi.)	X417	990
Not reported	310 E 126TH ST	ESE 1/8 - 1/4 (0.207 mi.)	X460	1069

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 9 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	2085 LEXINGTON AVE	WNW 0 - 1/8 (0.009 mi.)	A18	29
Not reported	2083 LEXINGTON AVE	WNW 0 - 1/8 (0.018 mi.)	A25	36
Not reported	2275 3RD AVE	S 0 - 1/8 (0.105 mi.)	L187	415
Not reported	2022 LEXINGTON AVE	SW 1/8 - 1/4 (0.127 mi.)	Q232	595
Not reported	2021 LEXINGTON AVE	SW 1/8 - 1/4 (0.148 mi.)	Q263	651
Not reported	2253 3RD AVE	SSW 1/8 - 1/4 (0.158 mi.)	S281	677
Not reported	1974 MADISON AVE	WNW 1/8 - 1/4 (0.213 mi.)	AO475	1090

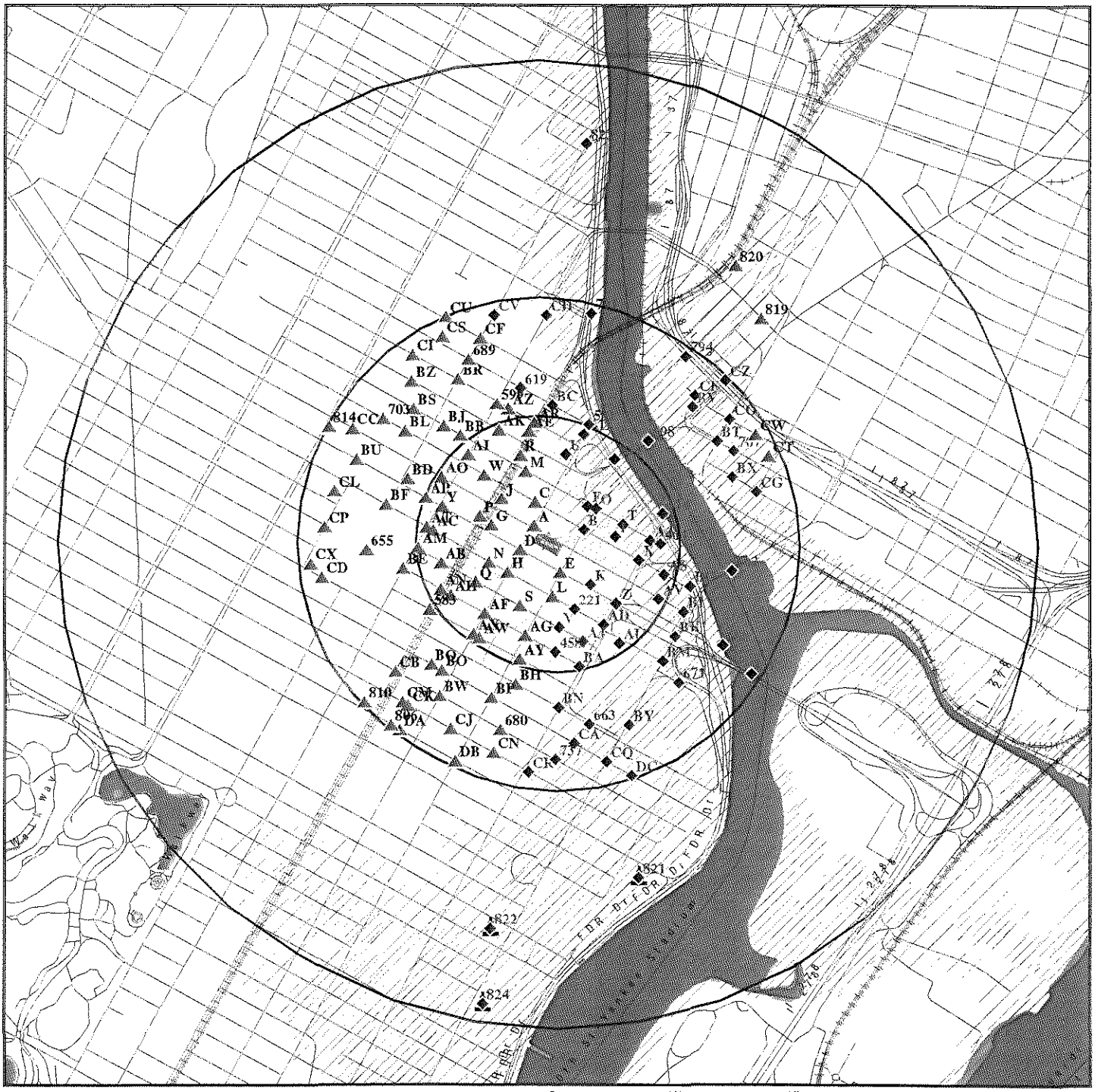
Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	2319 3RD AVE	ESE 0 - 1/8 (0.033 mi.)	B50	83
Not reported	254 E 122ND ST	S 1/8 - 1/4 (0.207 mi.)	458	1043

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 20 records.

Site Name	Database(s)
LOT 64,TAXBLOCK 1997	NY RES DECL
LOT 61,TAXBLOCK 1998	NY RES DECL
LOT 1,TAXBLOCK 1998	NY RES DECL
LOT 1,TAXBLOCK 1997	NY RES DECL
NYCDOT - 132ND STREET GRIT CHAMBER	RCRA NonGen / NLR, NY MANIFEST
CONSOLIDATED EDISON	NY MANIFEST
NYCDOT BRIDGE BIN 2240250	RCRA NonGen / NLR, NY MANIFEST
NYCTA - 263 CENTRAL INSTR RM	RCRA NonGen / NLR, NY MANIFEST
BELL ATLANTIC NY	NY MANIFEST
BELL ATLANTIC NY	NY MANIFEST
HUDSON RIVER PARK TRUST	RCRA NonGen / NLR, NY MANIFEST
BELL ATLANTIC-NY	FINDS, NY MANIFEST
VS3610	RCRA NonGen / NLR, NY MANIFEST
NYSDOT BIN 222933B	RCRA-LQG
NYSDOT BIN 222933A	RCRA-LQG
NYSDOT BIN 2229339	RCRA-LQG
NYCDOT - EAST 178TH STREET BRIDGE	RCRA NonGen / NLR
CON EDISON TRANSFORMER MANHOLE 440	RCRA NonGen / NLR
59TH GENERATION STATION	NY Spills
NYC DOS WEST 30TH STREET RECYCLING	NY RGA LF

overview MAP - 4028782.2s

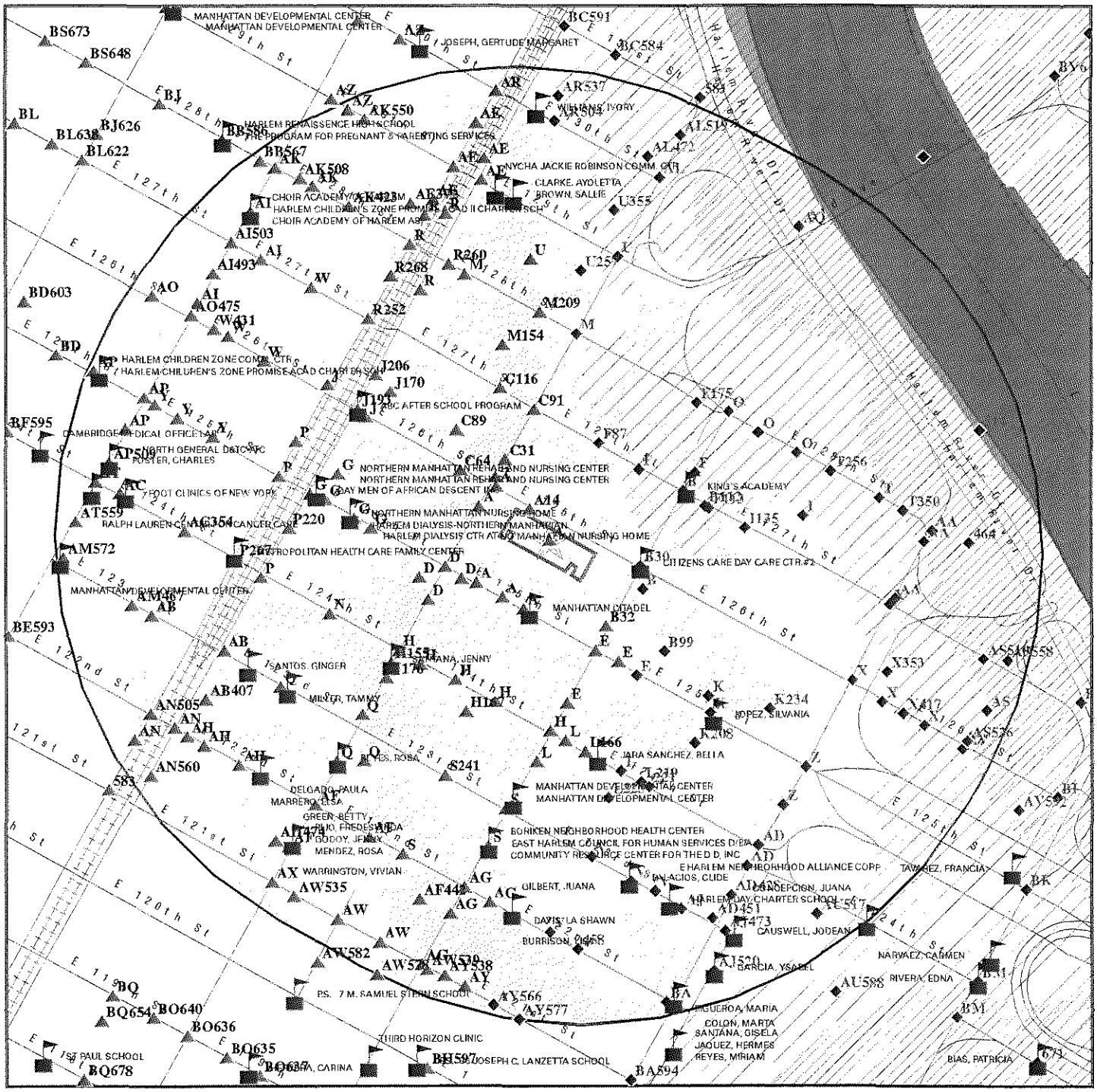


- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: E 126th Street	CLIENT: Fanning, Phillips & Molnar
ADDRESS: E 126TH ST New York NY 10035	CONTACT: George Holmes
LAT/LONG: 40.8046 / 73.9363	INQUIRY #: 4028782.2s DATE: August 06, 2014 10:12 am

detail MAP - 4028782.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: E 126th Street ADDRESS: E 126TH ST New York NY 10035 LAT/LONG: 40.8046 / 73.9363	CLIENT: Fanning, Phillips & Molnar CONTACT: George Holmes INQUIRY #: 4028782.2s DATE: August 06, 2014 10:15 am

A13
< 1/8
1 ft.

LOT 48,TAXBLOCK 1774
EAST 126 STREET
MANHATTAN, NY 10035

Site 13 of 42 in cluster A

NY E DESIGNATION **S109155441**
N/A

Relative:
Higher

Actual:
17 ft.

E DESIGNATION:

Tax Lot(s):	48
E-No:	E-201
Effective Date:	4/30/2008
Satisfaction Date:	Not reported
Ceqr Number:	07DCP030M
Ulurp Number:	080099ZMM
Zoning Map No:	5c 6a 6b
Description:	Air Quality - #2 Fuel Oil or Natural Gas Heat and Hot Water
Borough Code:	MN
Community District:	111
Census Tract:	196
Census Block:	1000
School District:	05
City Council District:	08
Fire Company:	L014
Health Area:	11
Police Precinct:	025
Zone District 1:	NZS
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	NZS
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G6
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	Not reported
Lot Area:	000022531
Total Building Floor Area:	00000015000
Commercial Floor Area:	00000015000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000015000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0270.00
Lot Depth:	0088.90
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5

LOT 48,TAXBLOCK 1774 (Continued) **S109155441**

Basement Type Grade:	5
Land Assessed Value:	00000652500
Total Assessed Value:	00000652500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.67
Maximum Allowable Far:	0.00
Borough Code:	1
Borough Tax Block And Lot:	1017740048
Condominium Number:	00000
Census Tract 2:	0196
X Coordinate:	1001890
Y Coordinate:	0232405
Zoning Map:	06A
Sanborn Map:	18N 082
Tax Map:	10609
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	48
E-No:	E-201
Effective Date:	4/30/2008
Satisfaction Date:	Not reported
Ceqr Number:	07DCP030M
Ulurp Number:	080099ZMM
Zoning Map No:	5c 6a 6b
Description:	Exhaust stack location limitations
Borough Code:	MN
Community District:	111
Census Tract:	196
Census Block:	1000
School District:	05
City Council District:	08
Fire Company:	L014
Health Area:	11
Police Precinct:	025
Zone District 1:	NZS
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	NZS

LOT 48,TAXBLOCK 1774 (Continued) **S109155441**

All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G6
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	Not reported
Lot Area:	000022531
Total Building Floor Area:	00000015000
Commercial Floor Area:	00000015000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000015000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0270.00
Lot Depth:	0088.90
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000652500
Total Assessed Value:	00000652500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.67
Maximum Allowable Far:	0.00
Borough Code:	1
Borough Tax Block And Lot:	1017740048
Condominium Number:	00000
Census Tract 2:	0196
X Coordinate:	1001890
Y Coordinate:	0232405
Zoning Map:	06A
Sanborn Map:	18N 082
Tax Map:	10609
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006

LOT 48,TAXBLOCK 1774 (Continued) **S109155441**

Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1
Tax Lot(s):	48
E-No:	E-201
Effective Date:	4/30/2008
Satisfaction Date:	Not reported
Ceqr Number:	07DCP030M
Ulurp Number:	080099ZMM
Zoning Map No:	5c 6a 6b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Borough Code:	MN
Community District:	111
Census Tract:	196
Census Block:	1000
School District:	05
City Council District:	08
Fire Company:	L014
Health Area:	11
Police Precinct:	025
Zone District 1:	NZS
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	NZS
All Components2:	Not reported
Split Boundary Indicator:	N
Building Class:	G6
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	Not reported
Lot Area:	000022531
Total Building Floor Area:	00000015000
Commercial Floor Area:	00000015000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000015000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code:	7
Number of Buildings:	00002
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0270.00
Lot Depth:	0088.90
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5

LOT 48,TAXBLOCK 1774 (Continued) **S109155441**

Land Assessed Value:	00000652500
Total Assessed Value:	00000652500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.67
Maximum Allowable Far:	0.00
Borough Code:	1
Borough Tax Block And Lot:	1017740048
Condominium Number:	00000
Census Tract 2:	0196
X Coordinate:	1001890
Y Coordinate:	0232405
Zoning Map:	06A
Sanborn Map:	18N 082
Tax Map:	10609
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

Tax Lot(s):	48
E-No:	E-201
Effective Date:	4/30/2008
Satisfaction Date:	Not reported
Ceqr Number:	07DCP030M
Ulurp Number:	080099ZMM
Zoning Map No:	5c 6a 6b
Description:	Window Wall Attenuation & Alternate Ventilation
Borough Code:	MN
Community District:	111
Census Tract:	196
Census Block:	1000
School District:	05
City Council District:	08
Fire Company:	L014
Health Area:	11
Police Precinct:	025
Zone District 1:	NZS
Zone District 2:	Not reported
Commercial Overlay1:	Not reported
Commercial Overlay2:	Not reported
Special Purpose District1:	Not reported
Special Purpose District2:	Not reported
All Components1:	NZS
All Components2:	Not reported

LOT 48,TAXBLOCK 1774 (Continued) **S109155441**

Split Boundary Indicator:	N
Building Class:	G6
Land Use Category:	10
Number of Easements:	0
Owner, Type of Code:	Not reported
Owner Name:	Not reported
Lot Area:	000022531
Total Building Floor Area:	00000015000
Commercial Floor Area:	00000015000
Office Floor Area:	00000000000
Retail Floor Area:	00000000000
Garage Floor Area:	00000015000
Storage Floor Area:	00000000000
Factory Floor Area:	00000000000
Other Floor Area:	00000000000
Floor Area,Total Bld Source Code	7
Number of Buildings:	00002
Number of Floors:	000.00
Residential Units:	00000
Non and Residential Units:	00000
Lot Frontage:	0270.00
Lot Depth:	0088.90
Building Frontage:	0000.00
Building Depth:	0000.00
Proximity Code:	0
Irregular Lot Code:	N
Lot Type:	5
Basement Type Grade:	5
Land Assessed Value:	00000652500
Total Assessed Value:	00000652500
Land Exempt Value:	00000000000
Total Exempt Value:	00000000000
Year Built:	0000
Year Built Code:	Not reported
Year Altered1:	0000
Year Altered2:	0000
Historic District Name:	Not reported
Landmark Name:	Not reported
Built Floor Area Ratio-Far:	0000.67
Maximum Allowable Far:	0.00
Borough Code:	1
Borough Tax Block And Lot:	1017740048
Condominium Number:	00000
Census Tract 2:	0196
X Coordinate:	1001890
Y Coordinate:	0232405
Zoning Map:	06A
Sanborn Map:	18N 082
Tax Map:	10609
E Designation No:	Not reported
Date of RPAD Data:	11/2005
Date of DCAS Data:	01/2006
Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005

LOT 48,TAXBLOCK 1774 (Continued) **S109155441**

Date of Political and Adm Data: 08/2005
Pluto-Base Map Indicator: 1

A14 **156-158 EAST 126TH STREET** **NY UST U003790782**
NNW **156-158 EAST 126TH STREET** **NY HIST UST N/A**
< 1/8 **NEW YORK, NY 10035**
0.004 mi.
20 ft. **Site 14 of 42 in cluster A**

Relative:
Higher

Actual:
17 ft.

UST:

Id/Status:	2-605668 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2006-04-16
UTM X:	589705.56186999998
UTM Y:	4517649.6349200001
Site Type:	Other

Affiliation Records:

Site Id:	27535
Affiliation Type:	Mail Contact
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	PETER MYKYTYN
Address1:	6800 JERICHO TURNPIKE
Address2:	Not reported
City:	SYOSSET
State:	NY
Zip Code:	11791
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27535
Affiliation Type:	On-Site Operator
Company Name:	156-158 EAST 126TH STREET
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27535
Affiliation Type:	Facility Owner
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported

156-158 EAST 126TH STREET (Continued) **U003790782**

Contact Name:	Not reported
Address1:	6800 JERICHO TURNPIKE
Address2:	Not reported
City:	SYOSSET
State:	NY
Zip Code:	11791-4498
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	27535
Affiliation Type:	Emergency Contact
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	PETER MYKYTYN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank ID:	60219
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	03/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C02 - Pipe Location - Underground/On-ground

156-158 EAST 126TH STREET (Continued) **U003790782**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I00 - Overfill - None

HIST UST:

PBS Number:	2-605668
SPDES Number:	Not reported
Emergency Contact:	PETER MYKYTYN
Emergency Telephone:	(516) 921-0800
Operator:	N/A
Operator Telephone:	(000) 000-0000
Owner Name:	GOTHAM PLAZA ASSOCIATES LLC
Owner Address:	6800 JERICHO TURNPIKE
Owner City,St,Zip:	SYOSSET, NY 11791-4498
Owner Telephone:	(516) 921-0800
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	GOTHAM PLAZA ASSOCIATES LLC
Mailing Address:	6800 JERICHO TURNPIKE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SYOSSET, NY 11791
Mailing Contact:	PETER MYKYTYN
Mailing Telephone:	(516) 921-0800
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Facility Addr2:	Not reported
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	OTHER
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	Not reported
Expiration Date:	04/16/2006
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2
Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (gals):	2000

156-158 EAST 126TH STREET (Continued) **U003790782**

Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Containment:	None
Leak Detection:	None
Overfill Prot:	None
Dispenser:	0
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	03/01/2001
Test Method:	Not reported
Deleted:	False
Updated:	True
Lat/long:	Not reported

A15 **CON EDISON SERVICE BOX: 20848** **RCRA NonGen / NLR** **1016450773**
NW **148 E 126TH ST** **NYP004298006**
< 1/8 **NEW YORK, NY 10029**
0.008 mi.
40 ft. **Site 15 of 42 in cluster A**

Relative:
Higher

Actual:
17 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/01/2013
Facility name:	CON EDISON SERVICE BOX: 20848
Facility address:	148 E 126TH ST
	NEW YORK, NY 10029
EPA ID:	NYP004298006
Contact:	ROBERT LINDELOF
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	(917) 559-3860
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No

CON EDISON SERVICE BOX: 20848 (Continued) **1016450773**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/01/2013
Site name: CON EDISON SERVICE BOX: 20848
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

A16 **CON EDISON** **NY MANIFEST** **S113496068**
NW **148 E 126TH ST** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.008 mi.
40 ft. **Site 16 of 42 in cluster A**

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:
EPA ID: NYP004298006
Country: USA

Mailing Info:
Name: CON EDISON
Contact: TOM TEELING
Address: 4 IRVING PLACE - 15TH FLOOR
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-02
Trans1 Recv Date: 2013-04-02
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-02
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004298006
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010707623JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N

CON EDISON (Continued) **S113496068**

Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

A17 **CON EDISON** **NY MANIFEST** **S113495996**
NW **FO 149 126TH ST AND LEXINGTON** **N/A**
< 1/8 **NEW YORK, NY 10035**
0.009 mi.
46 ft. **Site 17 of 42 in cluster A**

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:
EPA ID: NYP004297222
Country: USA

Mailing Info:
Name: CON EDISON
Contact: TOM TEELING
Address: 4 IRVING PLACE - 15TH FLOOR
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2013-03-29
Trans1 Recv Date: 2013-03-29
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-03-29
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004297222
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010841496JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

A18
WNW
< 1/8
0.009 mi.
47 ft.

2085 LEXINGTON AVE
NEW YORK, NY 10035

Site 18 of 42 in cluster A

EDR US Hist Cleaners **1015016068**
N/A

Relative:
Higher

Actual:
18 ft.

EDR Historical Cleaners:

Name:	STARBRITE LAUNDRY
Year:	2005
Address:	2085 LEXINGTON AVE
Name:	STARBRITE LAUNDRY
Year:	2009
Address:	2085 LEXINGTON AVE

A19
WNW
< 1/8
0.009 mi.
47 ft.

2085 LEXINGTON AVE
A.K.A 142 E.126TH ST.
NY, NY 10035

Site 19 of 42 in cluster A

NY AST **A100317662**
N/A

Relative:
Higher

Actual:
18 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-237086
Program Type:	PBS
UTM X:	589702.47233000002
UTM Y:	4517653.9467900004
Expiration Date:	2012-04-30
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	8817
Affiliation Type:	Mail Contact
Company Name:	ASA MANAGING PARTNERS LLC
Contact Type:	Not reported
Contact Name:	ANNIE ASSOULINE
Address1:	415 EAST 75TH STREET SUITE 1FW
Address2:	Not reported
City:	NY
State:	NY
Zip Code:	10021
Country Code:	001
Phone:	(212) 249-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/7/2007
Site Id:	8817
Affiliation Type:	On-Site Operator
Company Name:	2085 LEXINGTON AVE
Contact Type:	Not reported
Contact Name:	EDWARD DAWKINS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

2085 LEXINGTON AVE (Continued) **A100317662**

Country Code:	001
Phone:	(845) 548-0015
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/7/2007

Site Id:	8817
Affiliation Type:	Emergency Contact
Company Name:	2085 LEX. OPERATING CORP
Contact Type:	Not reported
Contact Name:	ANNIE ASSOULINE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 249-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/7/2007

Site Id:	8817
Affiliation Type:	Facility Owner
Company Name:	2085 LEX. OPERATING CORP
Contact Type:	MANAGING AGENT
Contact Name:	ANNIE ASSOULINE
Address1:	A.K.A 142E 126TH ST
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	1003645
Country Code:	001
Phone:	(212) 249-1400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	11/7/2007

Tank Info:

Tank Number:	001
Tank Id:	17244
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H05 - Tank Leak Detection - In-Tank System (ATG)
C00 - Pipe Location - No Piping

2085 LEXINGTON AVE (Continued) **A100317662**

F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/1992
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	msbaptis
Last Modified:	11/07/2007
Material Name:	Gasoline

A20 **RBM TRADING CORP** **NY HIST AST** **U003389683**
WNW **2085 LEXINGTON AVE** **N/A**
< 1/8 **NY, NY 10035**
0.009 mi.
47 ft. **Site 20 of 42 in cluster A**

Relative:
Higher

Actual:
18 ft.

HIST AST:

PBS Number:	2-237086
SWIS Code:	6201
Operator:	MARCO ANTONIO YURADO
Facility Phone:	(212) 534-5353
Facility Addr2:	2085 LEXINGTON AVE
Facility Type:	Not reported
Emergency:	JACK BERNSTEIN
Emergency Tel:	(212) 515-5380
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	RBM TRADING CORP
Owner Address:	145 E 125TH S
Owner City,St,Zip:	NY, NY 10035
Federal ID:	Not reported
Owner Tel:	(212) 534-5353
Owner Type:	Not reported
Owner Subtype:	Not reported
Mailing Contact:	Not reported
Mailing Name:	2085 LEX OPERATING CORP.
Mailing Address:	1461 THIRD AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NY, NY 10028
Mailing Telephone:	(212) 249-1400
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	07/20/1987
Expiration:	07/20/1992
Renew Flag:	False
Renew Date:	Not reported

RBM TRADING CORP (Continued) **U003389683**

Total Capacity:	5000
FAMT:	True
Facility Screen:	Minor Data Missing
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	5000
Product Stored:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Tank Containment:	Diking
Leak Detection:	4
Overfill Protection:	4
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	False
SPDES Number:	Not reported
Lat/Long:	Not reported

A21 **CON EDISON** **NY MANIFEST** **S113496069**
NW **143 E 126TH ST** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.017 mi.
91 ft. **Site 21 of 42 in cluster A**

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004298014
Country:	USA

Mailing Info:

Name:	CON EDISON
Contact:	TOM TEELING
Address:	4 IRVING PLACE - 15TH FLOOR
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	212-460-3770

CON EDISON (Continued) **S113496073**

Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

B30 **2322 THIRD AVE** **NY AST** **A100291861**
ESE **2322 THIRD AVENUE** **N/A**
< 1/8 **NEW YORK, NY 10035**
0.026 mi.
137 ft. **Site 1 of 13 in cluster B**

Relative:
Lower

Actual:
15 ft.

AST:
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-609466
Program Type: PBS
UTM X: 589804.73424000002
UTM Y: 4517596.1364900004
Expiration Date: 2009-02-24
Site Type: Other

Affiliation Records:
Site Id: 31310
Affiliation Type: Facility Owner
Company Name: JBS ASSOCIATES
Contact Type: Not reported
Contact Name: Not reported
Address1: 110 E 59TH ST
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 421-1300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 31310
Affiliation Type: Mail Contact
Company Name: JACK RESNICK & SONS, INC.
Contact Type: Not reported
Contact Name: PETER I. RESNICK
Address1: 110 EAST 59TH STREET
Address2: Not reported
City: NEW YORK
State: NY
Zip Code: 10022
Country Code: 001
Phone: (212) 421-1300
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 3/4/2004

Site Id: 31310
Affiliation Type: On-Site Operator
Company Name: 2322 THIRD AVE

2322 THIRD AVE (Continued) **A100291861**

Contact Type:	Not reported
Contact Name:	JAMES COSENTINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 427-8301
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	31310
Affiliation Type:	Emergency Contact
Company Name:	JBS ASSOCIATES
Contact Type:	Not reported
Contact Name:	SAMES COSENTINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 369-6537
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	003
Tank Id:	67543
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
F00 - Pipe External Protection - None

Tank Location:	1
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	7500
Tightness Test Method:	NN

2322 THIRD AVE (Continued) **A100291861**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

C31 **CON EDISON** **NY MANIFEST** **S113496070**
NNW **2086 LEXINGTON AVE** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.029 mi.
152 ft. **Site 1 of 5 in cluster C**

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004298022
Country:	USA

Mailing Info:

Name:	CON EDISON
Contact:	TOM TEELING
Address:	4 IRVING PLACE - 15TH FLOOR
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2013-04-02
Trans1 Recv Date:	2013-04-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-04-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004298022
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	010707636JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported

LOT 33,TAXBLOCK 1774 (Continued) **S109155412**

Date of Zoning Data:	11/2005
Date of Major Property Data:	11/2005
Date of Landmark Data:	12/2005
Date of Base Map Data:	01/2006
Date of Mass Appraisal Data:	11/2005
Date of Political and Adm Data:	08/2005
Pluto-Base Map Indicator:	1

A33 **BLOCK 1774, LOT 47** **NY HIST AST** **S107783829**
WSW **155 EAST 125TH STREET** **N/A**
< 1/8 **NEW YORK, NY 10035**
0.030 mi.
156 ft. **Site 30 of 42 in cluster A**

Relative:
Higher

Actual:
19 ft.

HIST AST:

PBS Number:	2-604885
SWIS Code:	6201
Operator:	GOTHAM PLAZA ASSOCIATES LLC
Facility Phone:	(516) 921-0800
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	PETER MYKYTYN
Emergency Tel:	(516) 921-0800
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GOTHAM PLAZA ASSOCIATES, LLC
Owner Address:	6800 JERICHO TURNPIKE
Owner City,St,Zip:	SYOSSET, NY 11791-4498
Federal ID:	Not reported
Owner Tel:	(516) 921-0800
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Contact:	PETER MYKYTYN
Mailing Name:	GOTHAM PLAZA ASSOCIATES LLC
Mailing Address:	6800 JERICHO TURNPIKE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SYOSSET, NY 11791-4498
Mailing Telephone:	(516) 921-0800
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	Not reported
Expiration:	12/13/2005
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01

BLOCK 1774, LOT 47 (Continued) **S107783829**

Region:	2
Tank ID:	001
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	11/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

A34 **BLOCK 1774, LOT 47** **NY AST** **U004046168**
WSW **155 EAST 125TH STREET** **N/A**
< 1/8 **NEW YORK, NY 10035**
0.030 mi.
156 ft. **Site 31 of 42 in cluster A**

Relative:
Higher

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-604885
Program Type:	PBS
UTM X:	589701.56784999999
UTM Y:	4517582.4369999999
Expiration Date:	2005-12-13
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	26754
Affiliation Type:	Mail Contact
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	PETER MYKYTYN
Address1:	6800 JERICHO TURNPIKE
Address2:	Not reported
City:	SYOSSET
State:	NY
Zip Code:	11791-4498
Country Code:	001

BLOCK 1774, LOT 47 (Continued) **U004046168**

Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26754
Affiliation Type:	Facility Owner
Company Name:	GOTHAM PLAZA ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	6800 JERICHO TURNPIKE
Address2:	Not reported
City:	SYOSSET
State:	NY
Zip Code:	11791-4498
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26754
Affiliation Type:	On-Site Operator
Company Name:	BLOCK 1774, LOT 47
Contact Type:	Not reported
Contact Name:	GOTHAM PLAZA ASSOCIATES LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26754
Affiliation Type:	Emergency Contact
Company Name:	GOTHAM PLAZA ASSOCIATES, LLC
Contact Type:	Not reported
Contact Name:	PETER MYKYTYN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

BLOCK 1774, LOT 47 (Continued) **U004046168**

Tank Info:

Tank Number:	001
Tank Id:	59059
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
G00 - Tank Secondary Containment - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

A35 **BLOCK 1774, LOT 27** **NY AST** **U003758126**
SW **157 EAST 125TH STREET** **NY HIST AST** **N/A**
< 1/8 **NEW YORK, NY 10035**
0.030 mi.
157 ft. **Site 32 of 42 in cluster A**

Relative:
Higher

Actual:
19 ft.

AST:

Region:	STATE
DEC Region:	2
Site Status:	Unregulated
Facility Id:	2-604884
Program Type:	PBS
UTM X:	589705.72947999998
UTM Y:	4517580.15601
Expiration Date:	2005-12-13
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	26753
Affiliation Type:	Facility Owner
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	6800 JERICHO TURNPIKE
Address2:	Not reported

BLOCK 1774, LOT 27 (Continued) **U003758126**

City:	SYOSSET
State:	NY
Zip Code:	11791-4498
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26753
Affiliation Type:	Mail Contact
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	PETER MYKYTYN
Address1:	6800 JERICHO TURNPIKE
Address2:	Not reported
City:	SYOSSET
State:	NY
Zip Code:	11791-4498
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26753
Affiliation Type:	On-Site Operator
Company Name:	BLOCK 1774, LOT 27
Contact Type:	Not reported
Contact Name:	GOTHAM PLAZA ASSOCIATES LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Site Id:	26753
Affiliation Type:	Emergency Contact
Company Name:	GOTHAM PLAZA ASSOCIATES LLC
Contact Type:	Not reported
Contact Name:	PETER MYKYTYN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 921-0800
EMail:	Not reported

BLOCK 1774, LOT 27 (Continued) **U003758126**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	3/4/2004

Tank Info:

Tank Number:	001
Tank Id:	59058
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
F00 - Pipe External Protection - None

Tank Location:	6
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/2000
Register:	True
Modified By:	TRANSLAT
Last Modified:	03/04/2004
Material Name:	#2 Fuel Oil (On-Site Consumption)

HIST AST:

PBS Number:	2-604884
SWIS Code:	6201
Operator:	GOTHAM PLAZA ASSOCIATES LLC
Facility Phone:	(516) 921-0800
Facility Addr2:	Not reported
Facility Type:	APARTMENT BUILDING
Emergency:	PETER MYKYTYN
Emergency Tel:	(516) 921-0800
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	GOTHAM PLAZA ASSOCIATES LLC
Owner Address:	6800 JERICHO TURNPIKE
Owner City,St,Zip:	SYOSSET, NY 11791-4498
Federal ID:	Not reported
Owner Tel:	(516) 921-0800
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported

BLOCK 1774, LOT 27 (Continued) **U003758126**

Mailing Contact:	PETER MYKYTYN
Mailing Name:	GOTHAM PLAZA ASSOCIATES LLC
Mailing Address:	6800 JERICHO TURNPIKE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SYOSSET, NY 11791-4498
Mailing Telephone:	(516) 921-0800
Owner Mark:	First Owner
Facility Status:	2 - Unregulated by PBS (the total capacity is less than 1,101 gallons) and Subpart 360-14.
Certification Flag:	False
Certification Date:	Not reported
Expiration:	12/13/2005
Renew Flag:	False
Renew Date:	Not reported
Total Capacity:	0
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	No Missing Data
Tank Screen:	0
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City Code:	01
Region:	2

Tank ID:	001
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Tank Status:	Closed-Removed
Install Date:	Not reported
Capacity (Gal):	1500
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	11/01/2000
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

A36
SW
< 1/8
0.030 mi.
157 ft.

CON EDISON
165 E 125TH STREET
NEW YORK, NY 10029

NY MANIFEST **S113496058**
N/A

Site 33 of 42 in cluster A

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004297891
Country:	USA

Mailing Info:

Name:	CON EDISON
Contact:	TOM TEELING
Address:	4 IRVING PLACE - 15TH FLOOR
City/State/Zip:	NEW YORK, NY 10003
Country:	USA
Phone:	212-460-3770

Document ID:	Not reported
Manifest Status:	Not reported
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	2013-04-02
Trans1 Recv Date:	2013-04-02
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2013-04-02
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004297891
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NJD002200046
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Year:	2013
Manifest Tracking Num:	010707632JJK
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H110

A37
SW
< 1/8
0.030 mi.
157 ft.

CON EDISON SERVICE BOX: 20670
165 E 125TH ST
NEW YORK, NY 10029

RCRA NonGen / NLR **1016450763**
NYP004297891

Site 34 of 42 in cluster A

Relative:
Higher

Actual:
18 ft.

RCRA NonGen / NLR:

Date form received by agency:	05/01/2013
Facility name:	CON EDISON SERVICE BOX: 20670
Facility address:	165 E 125TH ST
	NEW YORK, NY 10029
EPA ID:	NYP004297891
Contact:	ROBERT LINDELOF
Contact address:	Not reported
	Not reported
Contact country:	Not reported
Contact telephone:	(917) 559-3860
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Historical Generators:

Date form received by agency:	04/01/2013
Site name:	CON EDISON SERVICE BOX: 20670
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

A38
SW
< 1/8
0.030 mi.
157 ft.

CON EDISON
167 E 125TH ST
NEW YORK, NY 10029

NY MANIFEST **S113496059**
N/A

Site 35 of 42 in cluster A

Relative:
Higher

Actual:
18 ft.

NY MANIFEST:

EPA ID:	NYP004297909
Country:	USA

Mailing Info:

Name:	CON EDISON
Contact:	TOM TEELING
Address:	4 IRVING PLACE - 15TH FLOOR

CON EDISON (Continued) **S113496059**

City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-02
Trans1 Recv Date: 2013-04-02
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-02
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004297909
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID: NJD002200046
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1
Year: 2013
Manifest Tracking Num: 010707633JJK
Import Ind: N
Export Ind: N
Discr Quantity Ind: N
Discr Type Ind: N
Discr Residue Ind: N
Discr Partial Reject Ind: N
Discr Full Reject Ind: N
Manifest Ref Num: Not reported
Alt Fac RCRA Id: Not reported
Alt Fac Sign Date: Not reported
Mgmt Method Type Code: H110

A39 **CON EDISON SERVICE BOX: 20671** **RCRA NonGen / NLR** **1016450764**
SW **167 E 125TH ST** **NYP004297909**
< 1/8 **NEW YORK, NY 10029**
0.030 mi.
157 ft. **Site 36 of 42 in cluster A**

Relative: RCRA NonGen / NLR:
Higher Date form received by agency: 05/01/2013
Facility name: CON EDISON SERVICE BOX: 20671
Actual: Facility address: 167 E 125TH ST
18 ft. NEW YORK, NY 10029
EPA ID: NYP004297909
Contact: ROBERT LINDELOF
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (917) 559-3860
Contact email: Not reported

CON EDISON SERVICE BOX: 20671 (Continued) **1016450764**

EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 04/01/2013
Site name: CON EDISON SERVICE BOX: 20671
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

A40 **CON EDISON** **NY MANIFEST** **S113496060**
SSW **173 E 125TH STREET** **N/A**
< 1/8 **NEW YORK, NY 10029**
0.030 mi.
157 ft. **Site 37 of 42 in cluster A**

Relative: Higher

Actual: 18 ft.

NY MANIFEST:
EPA ID: NYP004297917
Country: USA

Mailing Info:
Name: CON EDISON
Contact: TOM TEELING
Address: 4 IRVING PLACE - 15TH FLOOR
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: 212-460-3770

Document ID: Not reported
Manifest Status: Not reported
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 2013-04-02
Trans1 Recv Date: 2013-04-02
Trans2 Recv Date: Not reported
TSD Site Recv Date: 2013-04-02
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004297917

D46 **BETWEEN 3RD & LEXINGTON AVE** **NY Spills** **S108295825**
WSW **153 EAST 125TH ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.032 mi.
167 ft. **Site 2 of 23 in cluster D**

Relative:
Higher

Actual:
19 ft.

SPILLS:

Facility ID:	0609087
Facility Type:	ER
DER Facility ID:	322910
Site ID:	373181
DEC Region:	2
Spill Date:	11/8/2006
Spill Number/Closed Date:	0609087 / 12/1/2006
Spill Cause:	Deliberate
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	11/8/2006
CID:	410
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/8/2006
Spill Record Last Update:	12/1/2006
Spiller Name:	NYC DEP
Spiller Company:	SIDEWALK
Spiller Address:	153 EAST 125TH ST
Spiller City,St,Zip:	MANHATTEN, NY
Spiller Company:	001
Contact Name:	NYC DEP
Contact Phone:	(718) 595-4653
DEC Memo:	added to drum run.12/01/06 Rahman- One drum was found, was pumped out and NYC sanitation was notified to pick up the empty drum.
Remarks:	ONE 55 GALLON DRUM WAS LEFT AT THIS LOCATION BY NYC FIRE DEPT: THERE IS ROUGHLY 25 GALLONS OF MATERIAL LEFT IN DRUM;

Material:

Site ID:	373181
Operable Unit ID:	1130897
Operable Unit:	01
Material ID:	2120585
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

BETWEEN 3RD & LEXINGTON AVE (Continued) **S108295825**

Tank Test:

A47
SW
< 1/8
0.032 mi.
168 ft.

CON EDISON RCRA-CESQG **1014397393**
159 E 125TH ST OPP **NYP004197133**
NEW YORK, NY 10035

Site 42 of 42 in cluster A

Relative:
Higher

Actual:
19 ft.

RCRA-CESQG:

Date form received by agency:	09/29/2009
Facility name:	CON EDISON
Facility address:	159 E 125TH ST OPP NEW YORK, NY 10035
EPA ID:	NYP004197133
Mailing address:	4 IRVING PL, RM 828 NEW YORK, NY 10003
Contact:	DANIEL PONTECORVO
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(347) 203-2573
Contact email:	Not reported
EPA Region:	02
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

CON EDISON (Continued) **1014397393**

Violation Status: No violations found

D48
WSW
< 1/8
0.032 mi.
171 ft.

Relative:
Higher

Actual:
19 ft.

ON THE ROADWAY
151 E. 125TH ST
MANHATTAN, NY

NY Spills **S108295685**
N/A

Site 3 of 23 in cluster D

SPILLS:

Facility ID:	0608906
Facility Type:	ER
DER Facility ID:	322702
Site ID:	372979
DEC Region:	2
Spill Date:	11/2/2006
Spill Number/Closed Date:	0608906 / 11/3/2006
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	11/2/2006
CID:	406
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/2/2006
Spill Record Last Update:	11/3/2006
Spiller Name:	UNKNOWN DRIVER
Spiller Company:	MURRAYS FOOD DISTRIBUTION
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller Company:	001
Contact Name:	LT. DENNIS STANFORD
Contact Phone:	(914) 588-6076 CELL
DEC Memo:	minor street spill cleaned by NYC FD
Remarks:	Commercial truck had a hole in the gas tank. No impact to the sewer. FDNY is on site doing clean up. Call Lt. Stanford on cell # At the site.

Material:

Site ID:	372979
Operable Unit ID:	1130708
Operable Unit:	01
Material ID:	2120381
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	5

ON THE ROADWAY (Continued) **S108295685**

Resource Affected: Not reported
Oxygenate: False

Tank Test:

B49 **FANCY EAST SIDE CLEANERS** **RCRA-SQG 1008374605**
ESE **2315 3RD AVE** **NY MANIFEST NYR000133553**
< 1/8 **NEW YORK, NY 10035**
0.033 mi.
174 ft. **Site 3 of 13 in cluster B**

Relative:
Lower

Actual:
14 ft.

RCRA-SQG:
Date form received by agency: 01/01/2007
Facility name: FANCY EAST SIDE CLEANERS
Facility address: 2315 3RD AVE
NEW YORK, NY 100351733
EPA ID: NYR000133553
Mailing address: 3RD AVE
NEW YORK, NY 100351733
Contact: DAMON BAE
Contact address: 3RD AVE
NEW YORK, NY 100351733
Contact country: US
Contact telephone: (212) 427-6633
Contact email: DBAE@FANCYCLEANERS.COM
EPA Region: 02
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: HEE NAM BAE
Owner/operator address: 3RD AVE
NEW YORK, NY 10016
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 09/25/2003
Owner/Op end date: Not reported

Owner/operator name: NO NAME FOUND
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/01/2005
Owner/Op end date: Not reported

Handler Activities Summary:

COMMERCIAL BUILDING (Continued) **S112227367**

Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	10/15/2012
Spill Record Last Update:	10/15/2012
Spiller Name:	Not reported
Spiller Company:	G AND D PETRO TRANSPORTERS
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	JOHN BARRICELLA
Contact Phone:	Not reported
DEC Memo:	Not reported
Remarks:	spill to outside paved area/ clean up underway

Material:

Site ID:	469971
Operable Unit ID:	1219848
Operable Unit:	01
Material ID:	2218409
Material Code:	0003A
Material Name:	#6 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10
Units:	Gallons
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

G196 **1824 PARK AVE/SUNOCO** **NY LTANKS** **S106703583**
WNW **1824 PARK AVE** **N/A**
< 1/8 **MANHATTAN, NY**
0.107 mi.
565 ft. **Site 16 of 17 in cluster G**

Relative:
Higher

Actual:
21 ft.

LTANKS:

Site ID:	279281
Spill Number/Closed Date:	9108459 / 10/13/2006
Spill Date:	11/7/1991
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SKCARLSO
Referred To:	NFA 10/13/06
Reported to Dept:	11/7/1991

LEE BUILDING (Continued) **1007571086**

NY MANIFEST:
EPA ID: NYR000126409
Country: USA

Mailing Info:
Name: 103 EAST 125 ST REALITY INC (LEE BLDG)
Contact: CHARLES DESSASO
Address: 103 E 125 ST
City/State/Zip: NEW YORK, NY 10035 1941
Country: USA
Phone: 212-410-4545

Document ID: MIA9109753
Manifest Status: Not reported
Trans1 State ID: 1638069ME
Trans2 State ID: Not reported
Generator Ship Date: 10/14/2004
Trans1 Recv Date: 10/14/2004
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/28/2004
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000126409
Trans1 EPA ID: NJD054126164
Trans2 EPA ID: Not reported
TSDF ID: MID980991
Waste Code: D008 - LEAD 5.0 MG/L TCLP
Quantity: 00600
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 01.00
Year: 2004

G195 **COMMERCIAL BUILDING** **NY Spills** **S112227367**
WNW **103 EAST 125 ST** **N/A**
< 1/8 **MANHATTAN, NY**
0.106 mi.
560 ft. **Site 15 of 17 in cluster G**

Relative:
Higher

Actual:
21 ft.

SPILLS:
Facility ID: 1206944
Facility Type: ER
DER Facility ID: 424274
Site ID: 469971
DEC Region: 2
Spill Date: 10/15/2012
Spill Number/Closed Date: 1206944 / Not Reported
Spill Cause: Equipment Failure
Spill Class: Not reported
SWIS: 3101
Investigator: Unassigned
Referred To: Not reported
Reported to Dept: 10/15/2012
CID: Not reported
Water Affected: Not reported

CONSOLIDATED EDISON (Continued) **U000410801**

Contact: CONSOLIDATED EDISON
Address: 4 IRVING PLACE RM 828
City/State/Zip: NEW YORK, NY 10003
Country: USA
Phone: 212-460-2808

NY MANIFEST:
No Manifest Records Available

P267 **1800 PARK AVE** **NY Spills** **S106469522**
West **1800 PARK AVE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.149 mi.
788 ft. **Site 14 of 14 in cluster P**

Relative:
Higher

Actual:
22 ft.

SPILLS:

Facility ID:	0402211
Facility Type:	ER
DER Facility ID:	191480
Site ID:	232346
DEC Region:	2
Spill Date:	5/28/2004
Spill Number/Closed Date:	0402211 / Not Reported
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	snboller
Referred To:	BCP SITE, SHAWN BOLLERS - PM
Reported to Dept:	5/28/2004
CID:	403
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	5/28/2004
Spill Record Last Update:	5/7/2009
Spiller Name:	MICHAEL CARIDI
Spiller Company:	Not reported
Spiller Address:	1800 PARK AVE
Spiller City,St,Zip:	NEW YORK CITY, NY
Spiller Company:	001
Contact Name:	MICHAEL CARIDI
Contact Phone:	(212) 848-0253
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "TIPPLE"Contaminated Soil/groundwater letter sent to:Development Manager: Michael Caridi (212-848-0253)Address: 1800 Park Ave LLC. 645 Fifth Ave - 8th Flr New York, NY 10022Site is now a vacant lot which is being developed into the the Harlem Marriot Hotel to be built on Park Ave between 124th St & 125th St.Contamination showed up in several monitoring wells. Developer plans on extensive excavation to install foundations and sub basements. During excavation soil will be

1800 PARK AVE (Continued) **S106469522**

sorted for disposal. Once the excavation is complete, a determination will be made concerning which direction the contamination is coming from.06/22/06: This spill is transferred from Mr.koon Tang to Q.Abidi.Called to Mr. Michael Caridi (212)848-0253 and left message to call me back regarding information of spill. -QA07/19/06: Called Mr. Arnold Fleming at (212)675-3225 and left message to call me back. -QA11/14/06: Called Mr. Michael Caridi and left message to call me back.Called Mr. Arnold fleming (Flemming -Lee Shue) he said that he will talk to client (Hospital) and he will fax me the information regarding spill. -QA 02/15/07: Called Fleming Lee Shue Company at (212)675-3225 and talk to Ms. Marry Nanso, Project Director of the Company. She said that her Company is going to do the Remediation at the site. They have not started yet the remediation work. She said Mr. Shawn Bollers (DEC) (718)482-4608, Project Manager, Brownfield Programme, DEC will take care of this spill. -QA 06/26/2008: This spill case was transferred to A. Doronova - AD11/04/2008: Called and left a message to M. Manto of FLS and to M. Caridi (phone: 212-935-3550)of Park Avenue LLC. AD05/07/2009: This case was transferred to S. Bollers - SB BCP Project Manager.

Remarks: looks like historical ground water contamination. they think it is coming from off site

Material:

Site ID:	232346
Operable Unit ID:	885995
Operable Unit:	01
Material ID:	489843
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Pounds
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

R268 **CLARK & WILKINS** **RCRA NonGen / NLR 1004762139**
NNW **1871 PARK AVE** **NY MANIFEST NYR000093922**
1/8-1/4 **NEW YORK, NY 10035**
0.149 mi.
789 ft. **Site 5 of 13 in cluster R**

Relative: **Higher**

Actual: **20 ft.**

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	CLARK & WILKINS
Facility address:	1871 PARK AVE NEW YORK, NY 10035
EPA ID:	NYR000093922
Mailing address:	PARK AVE NEW YORK, NY 10035
Contact:	MARK ROTH
Contact address:	PARK AVE NEW YORK, NY 10035
Contact country:	US

(Continued) **1015022049**

Address: 2253 3RD AVE

Name: TAINO GOLD COIN LAUNDREY INC
Year: 2011
Address: 2253 3RD AVE

Name: TAINO TOWERS DRY CLEANERS
Year: 2011
Address: 2253 3RD AVE

Name: TAINO GOLD COIN LAUNDREY INC
Year: 2012
Address: 2253 3RD AVE

Name: TAINO TOWERS DRY CLEANERS
Year: 2012
Address: 2253 3RD AVE

S282 **TAINO TOWER DRY CLEANERS** **RCRA NonGen / NLR** **1000318008**
SSW **2253 3RD AVE** **FINDS** **NYD980778732**
1/8-1/4 **NEW YORK, NY** **NY LTANKS**
0.158 mi. **NY UST**
834 ft. **Site 7 of 9 in cluster S** **NY HIST UST**
NY MANIFEST

Relative:
Higher

Actual:
16 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/01/2007
Facility name: TAINO TOWERS DRY CLEANERS
Facility address: 2253 3RD AVE
NEW YORK, NY 10035
EPA ID: NYD980778732
Mailing address: 3RD AVE
NEW YORK, NY 10035
Contact: Not reported
Contact address: 3RD AVE
NEW YORK, NY 10035
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 02
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999
Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: Not reported
Owner/operator address: NOT REQUIRED
NOT REQUIRED, WY 99999

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Owner/operator country: US
Owner/operator telephone: (212) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 01/01/2006
Site name: TAINO TOWERS DRY CLEANERS
Classification: Not a generator, verified

Date form received by agency: 07/08/1999
Site name: TAINO TOWERS DRY CLEANERS
Classification: Not a generator, verified

Date form received by agency: 10/12/1984
Site name: TAINO TOWERS DRY CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110004392229

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Registry ID: 110055936670

Environmental Interest/Information System

LTANKS:

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Site ID:	255360
Spill Number/Closed Date:	0000962 / 11/17/2003
Spill Date:	4/21/2000
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	4/24/2000
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	4/24/2000
Spill Record Last Update:	11/17/2003
Spiller Name:	M DIAZ
Spiller Company:	ARCO MANAGMENT
Spiller Address:	2940 AVE X
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	M DIAZ
Spiller Phone:	(212) 369-3755
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	209163
DEC Memo:	Not reported
Remarks:	TANK TEST FAILURE AT ABOVE LOCATION. PROPERTY MANAGER ADVISED OFTHE TEST RESULTS. TANK TO BE ISOLATED AND RETESTED. NO CALL BACKBEING REQUESTED.

Material:

Site ID:	255360
Operable Unit ID:	822677
Operable Unit:	01
Material ID:	289192
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	255360
Spill Tank Test:	1525522
Tank Number:	2

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Tank Size:	20000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	255361
Spill Number/Closed Date:	0000963 / Not Reported
Spill Date:	4/22/2000
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	4/24/2000
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	4/24/2000
Spill Record Last Update:	8/13/2012
Spiller Name:	M DIAZ
Spiller Company:	ARCO MANAGMENT
Spiller Address:	2940 AVE X
Spiller City,St,Zip:	BROOKLYN, NY
Spiller County:	001
Spiller Contact:	M DIAZ
Spiller Phone:	(212) 369-3755
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	361545
DEC Memo:	spill assigned to James Drumm for SCI9/26/05 phone conversation with owner's rep Manny Diaz.Manny Diaz says the report was previously sent to region 2. He will re-send the report of the repairs and re-test. Still haven't received report.02/20/09-Hiralkumar Patel. issued notice of violation for following reasons:- failure to renew registration (registration expired on 10/23/1997)- failure to color code fill ports- failure to test tank/piping (no tank test record available from 11/01/1997 to 03/15/2006)- failure to monitor unmetered tank for leaks- failure to notify of petroleum discharge (spill # 0810730 was reported by FDNY, but not by management)- failure to contain and/or remove petroleum discharge (no reports available)08/13/12 - LZ As Randy Austin requested, the spill has been reassigned to Tim DeMeo
Remarks:	TANK TEST FAILURE AT ABOVE LOCATION. PROPERTY MANAGER ADVISED OFTHE TEST RESULTS. TANK TO BE ISOLATED AND RETESTED. NO CALL BACKBEING REQUESTED.

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Material:

Site ID:	255361
Operable Unit ID:	822729
Operable Unit:	01
Material ID:	289193
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	255361
Spill Tank Test:	1525523
Tank Number:	3
Tank Size:	20000
Test Method:	03
Leak Rate:	0
Gross Fail:	F
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

Site ID:	360637
Spill Number/Closed Date:	0514031 / 12/19/2006
Spill Date:	3/8/2006
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	3/8/2006
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	3/8/2006
Spill Record Last Update:	12/22/2006
Spiller Name:	MANNY DIAS
Spiller Company:	TAINO TOWER
Spiller Address:	2253 3RD AVE
Spiller City,St,Zip:	NEW YORK, NY
Spiller County:	001
Spiller Contact:	MANNY DIAS

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Spiller Phone: (212) 369-3755
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 209163
DEC Memo: 03/08/06 Feroze, PBS case of this spill is # 2-240680. TTF is sent to:Robert Algarin2253 Third AveNew york, NY 1003503/15/06. Spill is transferred from Feroze to Kumer Patel.03/21/06-Hiralkumar Patel. Spoke with John Laddy at Protest. this site has three 20,000 gal USTs on location and they were transferring oil from one tank to another. during this transfer, tank overfilled and spill happened on concrete side walk and asphalt street (possible from vent pipe). Protest has cleaned the site. John doesn't know about concrete condition but nothing went down to sewer/drain. DEP has visited site already.03/23/06-Hiralkumar Patel. Spoke with John at Protest. John will go on site to replace faulty valve on tank. he will call me with updates.03/24/06-Hiralkumar Patel. called for Manny Dias (212-369-3755 Ext 11), but he will be in office on Monday Mar 27 2006.03/28/06-Hiralkumar Patel. Spoke with Mr. Dias. as per him, oil came out from vent pipe and spilled on concrete side walk and then ran on asphlt street. there are no cracks in concrete on sidewalk. no soil/sewer/drain affected. the tank had faulty pressure gauge on it. tank is currently empty and out of service. they are working on replacing this faulty gauge. all cleaned up. no complaints.Spoke with Mr. Melnick at Protest and asked him to send me copy of invoice once he done changing faulty gauge. He told me that they are going to replace it soon once they find out problem with gauge.04/21/06-Hiralkumar Patel. Spoke with Mr. Melnick. they got permission to do repair work, but they haven't got chance to do it. they will probably go in next week. he will call once he done with repair work.05/05/06-Hiralkumar Patel. Spoke to Mr. Melnick at Protest. they will start work probably on May 15. 06/22/06-Hiralkumar Patel. visited site on 06/20/2006. spoke to William, super of building & to Maria Cruz, executive director. tank was still empty on time of visit. no work done yet. spoke with Mr. Dias and asked to call back with updates.Maria CruzExecutive DirectorARCO2253 3rd Ave, 5th FloorNew York, NY 10035PH. (212) 369-3755Fax (212) 369-6215Email: taino@acromgt.com mcruz@arcomgt.comspoke with John at Protest. he explained that oil spill happened due to overfill of tank. they have tested all three tanks and tank system passed test. asked John to fax me test results. John suggest Mr. Dias to repair/replace valve to prevent further spill.spoke with Mr. Dias. he explained that due to air pressure inside "syphon", oil in one tank reached to top and overfilled. and piece of syphon was leaking and that why it created air pressure. Mr. Dias was planning to change that defected piece of pipe in September as winter season starts. asked him to submit work invoice once he done with such repair work. spoke with John at protest again. he explained that this site doesn't have syphon. instead these tanks are connected through valves in supply/return lines. so if they need, they can open/close valve to transfer oil from one tank to another. when John did test, he did test by isolating each tank system from another two.06/26/06-Hiralkumar Patel. Left message for Mr. Dias.06/29/06-Hiralkumar Patel. Spoke to John and asked to send tank test results for all three tanks.07/05/06-Hiralkumar Patel. Spoke to John at Protest. he has misplaced tank test results, once he gets it, he will forward it to the Department. Left message for Mr. Dias.07/10/06-Hiralkumar Patel. spoke with Mr. Dias and asked him to send tank test results for all

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

tanks.11/14/06-Hiralkumar Patel. left message for Mr. Dias.12/01/06-Hiralkumar Patel. left message for Mr. Dias.12/19/06-Hiralkumar Patel. spoke with Bob at Protest. he will check for tank test result and will fax if he finds it. spoke with Mr. Dias. they have repaired leaking valve. received tank test result from Bob from Protest. all three tanks were passed test.spoke with DEC Jacob about PBS registration. PBS registration expired on 10/23/1997. i gave tank test results to DEC Brian to update PBS record. sent email to Jacob with site address, manager's name and address.based on available tank test result and other informations, case closed.12/22/06-Hiralkumar Patel. received work invoice copy, about repair of leaking valve, from Mr. Dias.

Remarks: while doing product came out of another tank; clean up crew enroute

Material:

Site ID:	360637
Operable Unit ID:	1117781
Operable Unit:	01
Material ID:	2108290
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	360637
Spill Tank Test:	1549781
Tank Number:	1
Tank Size:	20000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	3/8/2006
Test Method:	Horner EZ Check I or II

UST:

Id/Status:	2-240680 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	2012-10-23
UTM X:	589705.47482999996
UTM Y:	4517336.7905599996
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	9129
Affiliation Type:	Mail Contact
Company Name:	TAINO TOWERS (E HARLEM PILOT BLOCK, INC.

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Contact Type:	Not reported
Contact Name:	MARIA CRUZ
Address1:	2253 3RD AVE
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10035
Country Code:	001
Phone:	(212) 369-3755
EMail:	TAINO@MULTIFAMILYMGT.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/23/2009

Site Id:	9129
Affiliation Type:	Emergency Contact
Company Name:	E. HARLEM PILOT BLOCK, INC (TAINO TOWERS)
Contact Type:	Not reported
Contact Name:	MARIA CRUZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 369-3755
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/23/2009

Site Id:	9129
Affiliation Type:	On-Site Operator
Company Name:	TAINO TOWERS
Contact Type:	Not reported
Contact Name:	MARIA CRUZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(212) 369-3755
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/23/2009

Site Id:	9129
Affiliation Type:	Facility Owner
Company Name:	E. HARLEM PILOT BLOCK, INC (TAINO TOWERS)
Contact Type:	EXECUTIVE DIRECTOR
Contact Name:	Not reported
Address1:	2253 3RD AVE
Address2:	Not reported
City:	NEW YORK
State:	NY

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Zip Code:	10035
Country Code:	001
Phone:	(212) 369-3755
EMail:	Not reported
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	4/23/2009

Tank Info:

Tank Number:	001
Tank ID:	25183
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	01/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	03/15/2006
Next Test Date:	03/15/2011
Pipe Model:	Not reported
Modified By:	dxliving
Last Modified:	04/23/2009

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	002
Tank ID:	25184
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	20000
Install Date:	01/01/1972
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Date Test: 03/15/2006
Next Test Date: 03/15/2011
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/23/2009

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None

Tank Number: 003
Tank ID: 25185
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 20000
Install Date: 01/01/1972
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 03/15/2006
Next Test Date: 03/15/2011
Pipe Model: Not reported
Modified By: dxliving
Last Modified: 04/23/2009

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None

HIST UST:
PBS Number: 2-240680
SPDES Number: Not reported
Emergency Contact: ROBERT ALGARIN
Emergency Telephone: (212) 369-6982
Operator: ROBERT ALGARIN
Operator Telephone: (212) 369-3755

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Owner Name:	TAINO TOWERS
Owner Address:	2253 3RD AVE
Owner City,St,Zip:	NEW YORK, NY 10035
Owner Telephone:	(212) 369-3755
Owner Type:	Corporate/Commercial
Owner Subtype:	Not reported
Mailing Name:	TAINO TOWERS
Mailing Address:	2253 3RD AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	NEW YORK, NY 10035
Mailing Contact:	Not reported
Mailing Telephone:	(212) 369-3755
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Facility Addr2:	2253 3RD AVE 5TH
SWIS ID:	6201
Old PBS Number:	Not reported
Facility Type:	;
Inspected Date:	Not reported
Inspector:	Not reported
Inspection Result:	Not reported
Federal ID:	Not reported
Certification Flag:	False
Certification Date:	05/15/2000
Expiration Date:	10/23/1997
Renew Flag:	False
Renewal Date:	Not reported
Total Capacity:	60000
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	Minor Data Missing
Dead Letter:	False
CBS Number:	Not reported
Town or City:	NEW YORK CITY
County Code:	62
Town or City:	01
Region:	2

Tank Id:	001
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Dispenser:	Suction
Date Tested:	03/31/2000
Next Test Date:	03/31/2005
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	002
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	11/01/1992
Next Test Date:	11/01/1997
Missing Data for Tank:	Minor Data Missing
Date Closed:	Not reported
Test Method:	Horner EZ Check
Deleted:	False
Updated:	True
Lat/long:	Not reported

Tank Id:	003
Tank Location:	UNDERGROUND
Tank Status:	In Service
Install Date:	Not reported
Capacity (gals):	20000
Product Stored:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Containment:	None
Leak Detection:	None
Overfill Prot:	Product Level Gauge
Dispenser:	Suction
Date Tested:	11/01/1992
Next Test Date:	11/01/1997

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Missing Data for Tank: Minor Data Missing
Date Closed: Not reported
Test Method: Horner EZ Check
Deleted: False
Updated: True
Lat/long: Not reported

NY MANIFEST:
EPA ID: NYD980778732
Country: USA

Mailing Info:
Name: TAINO TOWERS DRY CLEANERS
Contact: TAINO TOWERS DRY CLEANERS
Address: 2253 THIRD AVE
City/State/Zip: NEW YORK, NY 10035
Country: USA
Phone: 212-348-5312

Document ID: NJA0233855
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 861017
Trans1 Recv Date: 861017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 861017
Part A Recv Date: 861027
Part B Recv Date: 861028
Generator EPA ID: NYD980778732
Trans1 EPA ID: ILD000805911
Trans2 EPA ID: Not reported
TSDF ID: NJD000768093
Waste Code: F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity: 00150
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: R Material recovery of more than 75 percent of the total material.
Specific Gravity: 100
Year: 86

Document ID: NJA0504861
Manifest Status: Completed copy
Trans1 State ID: NJDEPS869
Trans2 State ID: Not reported
Generator Ship Date: 881123
Trans1 Recv Date: 881123
Trans2 Recv Date: Not reported
TSD Site Recv Date: 881123
Part A Recv Date: 881205
Part B Recv Date: 881212
Generator EPA ID: NYD980778732
Trans1 EPA ID: ILD051060408
Trans2 EPA ID: Not reported

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NJA1329985
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	920402
Trans1 Recv Date:	920402
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	920402
Part A Recv Date:	920410
Part B Recv Date:	920414
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA2050972
Manifest Status:	Completed copy
Trans1 State ID:	S8690
Trans2 State ID:	Not reported
Generator Ship Date:	950412
Trans1 Recv Date:	950412
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	950412
Part A Recv Date:	950420
Part B Recv Date:	950421
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	95

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Document ID:	NJA0172942
Manifest Status:	Completed copy
Trans1 State ID:	Not reported
Trans2 State ID:	Not reported
Generator Ship Date:	860409
Trans1 Recv Date:	860409
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860409
Part A Recv Date:	860415
Part B Recv Date:	860422
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00310
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0615517
Manifest Status:	Completed copy
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	890728
Trans1 Recv Date:	890728
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	890728
Part A Recv Date:	890807
Part B Recv Date:	890802
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	89

Document ID:	NJA1348617
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	921117
Trans1 Recv Date:	921117
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	921117
Part A Recv Date:	921201

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Part B Recv Date:	921209
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00042
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	92

Document ID:	NJA2527276
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	960730
Trans1 Recv Date:	960730
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	960730
Part A Recv Date:	960809
Part B Recv Date:	960813
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	96

Document ID:	NJA0223483
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	860814
Trans1 Recv Date:	860814
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	860814
Part A Recv Date:	860827
Part B Recv Date:	860825
Generator EPA ID:	NYD980778732

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00120
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	86

Document ID:	NJA0720683
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	900103
Trans1 Recv Date:	900103
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900103
Part A Recv Date:	900109
Part B Recv Date:	900123
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA1076937
Manifest Status:	Completed copy
Trans1 State ID:	032921
Trans2 State ID:	Not reported
Generator Ship Date:	901025
Trans1 Recv Date:	901025
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	901025
Part A Recv Date:	901105
Part B Recv Date:	901107
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Specific Gravity:	100
Year:	90

Document ID:	NJA0797121
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	000000000
Trans2 State ID:	000000000
Generator Ship Date:	900516
Trans1 Recv Date:	900516
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	900516
Part A Recv Date:	900629
Part B Recv Date:	900529
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	90

Document ID:	NJA1068250
Manifest Status:	Completed copy
Trans1 State ID:	NJDEP8690
Trans2 State ID:	Not reported
Generator Ship Date:	910222
Trans1 Recv Date:	910222
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910222
Part A Recv Date:	910312
Part B Recv Date:	910308
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NYA8722001
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	880317

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Trans1 Recv Date:	880317
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880317
Part A Recv Date:	880405
Part B Recv Date:	880405
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00095
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	88

Document ID:	NJA1207678
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	910605
Trans1 Recv Date:	910605
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	910605
Part A Recv Date:	910612
Part B Recv Date:	910617
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

Document ID:	NJA1814379
Manifest Status:	Completed copy
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	940202
Trans1 Recv Date:	940202
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	940202
Part A Recv Date:	940210
Part B Recv Date:	940217
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD984908202
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093

TAINO TOWER DRY CLEANERS (Continued) **1000318008**

Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	94

Document ID:	NJA0254584
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	NJDEPS869
Trans2 State ID:	Not reported
Generator Ship Date:	870115
Trans1 Recv Date:	870115
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	870115
Part A Recv Date:	870213
Part B Recv Date:	870204
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD000805911
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00150
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	100
Year:	87

Document ID:	NJA1342389
Manifest Status:	Completed copy
Trans1 State ID:	NJDEP8690
Trans2 State ID:	Not reported
Generator Ship Date:	911121
Trans1 Recv Date:	911121
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911121
Part A Recv Date:	Not reported
Part B Recv Date:	911203
Generator EPA ID:	NYD980778732
Trans1 EPA ID:	ILD051060408
Trans2 EPA ID:	Not reported
TSDF ID:	NJD000768093
Waste Code:	F002 - HALO SOLV + STILL BOTTOMS FM REC OF SOLV
Quantity:	00195
Units:	P - Pounds
Number of Containers:	001
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	91

EPHESUS SEVENTH-DAY ADVENTIST CHURCH (Continued) **S107782176**

Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	1
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	Diking
Leak Detection:	0
Overfill Protection:	6
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

AB334 **HARLEM PARK** **NY BROWNFIELDS** **S108524799**
WSW **1800-1808 PARK AVE 71 E. 124 ST., 66-70 E 125 ST.** **N/A**
1/8-1/4 **NEW YORK, NY 10035**
0.168 mi.
889 ft. **Site 3 of 6 in cluster AB**

Relative:
Higher

Actual:
22 ft.

BROWNFIELDS:

Program:	BCP
Site Code:	59177
Site Description:	Location:The Site is located in an urban area of New York County (Manhattan) on the west side of Park Avenue bounded by 124th and 125th Streets. The addresses for the site are 1800-1808 Park Avenue, 71 East 124th Street, and 66-70 East 125th Street.Site features:The site is paved and used as a parking lot. There are no on-site buildings. Current zoning/uses:Surrounding uses include residential buildings with first floor retail, and commercial buildings with office space to the north across 125th Street; the Metro-North Railroad tracks to the east along Park Avenue, residential buildings across Park Avenue; an asphalt-paved parking lot to the south across 124th Street; and a residential building with first floor retail and the New York College of Podiatric Medicine to the west. The Site is zoned C4-4 for commercial use.Historic use:The Site had been residential and had been the location of the former Harlem Central Hotel (later the Hotel Naomi) through the 1970s. It has been a parking lot since approximately 1980. These uses contributed to the contamination identified on-site. Site geology and hydrogeology:The Site is underlain by man-made fill to a depth of approximately 20 feet below grade, glacial lake deposits and till, and bedrock. Published geologic data indicate that the bedrock consists of Ordovician/Cambrian age metamorphic rock. In the vicinity of the Site, bedrock consists of Manhattan Formation (schist) surrounded by a larger area underlain by the Inwood Formation (marble). The groundwater table is found at approximately 14 to 16 feet below grade and the gradient is toward the southwest.
Env Problem:	Nature and extent of contamination:The RI and subsequent supplemental investigations at the site included the collection of soil and groundwater samples the analyses of which identified the

HARLEM PARK (Continued) **S108524799**

contamination of environmental media as follows.Soil:Historic fill is present on the site to a depth of approximately 20 feet below grade. A layer of petroleum contamination was identified at the water table across much of the site, varying in thickness up to approximately three feet. Fingerprint analysis of the petroleum layer identified it as #6 fuel oil. In addition to soil grossly contaminated by the petroleum layer, several hot spots were identified that exhibited exceedances of both Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Use (RRUSCOs) as well as the Site Specific SCOs (SSSCOs). These included exceedances for lead including hazardous levels; 1,050 parts per million (ppm) compared to the UUSCO of 63 ppm and RRUSCO of 400 ppm; and SVOCs namely carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs) including; benzo(a)pyrene at 3.2 ppm , benzo(a)anthracene at 3.7 ppm and benzo(b)fluoranthene at 3.6 ppm compared to the UUSCO and RRUSCO of 1 ppm.Groundwater:No exceedance of groundwater standards by organic compounds was noted. Filtered groundwater samples showed exceedances of groundwater standards for aluminum, iron and manganese. In May 2011, a trace of free-phase petroleum was identified in one well and was not sampled at that time. The well was subsequently monitored in October 2011, and no trace of petroleum was identified at that time. The analytical results of the groundwater samples indicated no VOCs or SVOCs were detected above Class GA standards, and no dissolved lead was detected in the groundwater. Dissolved manganese was detected in five wells exceeding the Class GA standard of 300 parts per billion (300 ppb), but in only one area with a corresponding soil sample exceeding the Protection of Groundwater SCO. These results indicate a regional groundwater issue that is not Site related. Special resources impacted/threatened:There were no significant ecological resources identified at the site during the investigation.Significant threat:NYSDEC, in consultation with NYSDOH, has determined that the site conditions do not pose a significant threat to human health or the environment.

Health Problem: Since the site is fenced and covered by asphalt, people will not come into contact with site-related soil and groundwater contamination unless they dig below the surface. People are not drinking the contaminated groundwater since the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there is no on-site building, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development.

CONSOLIDATED EDISON (Continued) **S109064730**

Manifest Status:	Not reported
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	2008-02-29
Trans1 Recv Date:	2008-02-29
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	2008-03-04
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004156972
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID:	NYD077444263
Waste Code:	Not reported
Quantity:	50.0
Units:	P - Pounds
Number of Containers:	1.0
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1.0
Year:	2008
Manifest Tracking Num:	001446814FLE
Import Ind:	N
Export Ind:	N
Discr Quantity Ind:	N
Discr Type Ind:	N
Discr Residue Ind:	N
Discr Partial Reject Ind:	N
Discr Full Reject Ind:	N
Manifest Ref Num:	Not reported
Alt Fac RCRA Id:	Not reported
Alt Fac Sign Date:	Not reported
Mgmt Method Type Code:	H141

AY554 **ODYSSEY HOUSE** **NY HSWDS** **S108146782**
South **219 E. 121ST STREET** **N/A**
1/8-1/4 **NEW YORK, NY 10035**
0.237 mi.
1254 ft. **Site 2 of 5 in cluster AY**

Relative: HSWDS:
Higher

Facility ID:	Not reported
Region:	2
Facility Status:	None
Owner Type:	Puplic
Owner:	Odyssey House
Owner Address:	Not reported
Owner Phone:	(718)263-6575
Operator Type:	Puplic
Operator:	Same
Operator:	Same
Operator Phone:	Same
EPA ID:	Not reported
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	No
Site Code:	Other or Unknown
Owner City State:	Not reported

Actual:
16 ft.

ODYSSEY HOUSE (Continued) **S108146782**

Operator City State:	Not reported
Quadrange:	Manhattan
Latitude:	Unknown
Longitude:	Unknown
Acres:	0.10
Operator Date:	Unknown
Close Date:	Unknown
Completed:	Phase 1
Active:	Unknown
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	Yes
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Subsurface
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	TCLP
Threat to Environment/Public Health:	Environmental/Public
Surface Water Contamination:	No
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	No
Hazardous Exposure:	No
Site Has Controlled Acess:	Yes
Ambient Air Contamination:	No
Direct Contact:	Yes
EPA Hazardous Ranking System Score:	Not reported
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported

ODYSSEY HOUSE (Continued) **S108146782**

Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

AY555 **ODYSSEY HOUSE OF NEW YORK** **RCRA NonGen / NLR** **1000889949**
South **219 E 121ST ST** **FINDS** **NY0000201152**
1/8-1/4 **NEW YORK, NY** **NY MANIFEST**
0.237 mi.
1254 ft. **Site 3 of 5 in cluster AY**

Relative:
Higher

Actual:
16 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/01/2007
Facility name:	ODYSSEY HOUSE OF NEW YORK
Facility address:	219 E 121ST ST NEW YORK, NY 100353018
EPA ID:	NY0000201152
Mailing address:	E 121ST ST NEW YORK, NY 10035
Contact:	Not reported
Contact address:	E 121ST ST NEW YORK, NY 10035
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	02
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	BENJAMIN WALKER JR
Owner/operator address:	219 E 121ST ST NEW YORK, NY 10035
Owner/operator country:	US
Owner/operator telephone:	(212) 477-9439
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	BENJAMIN WALKER JR
Owner/operator address:	219 E 121ST ST NEW YORK, NY 10035
Owner/operator country:	US
Owner/operator telephone:	(212) 477-9439
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No

MANHOLE 55068 (Continued) **S104194426**

Material:

Site ID:	214062
Operable Unit ID:	1084774
Operable Unit:	01
Material ID:	302617
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

BN632 **APARTMENT BLDG - TTF** **NY LTANKS** **S103558037**
South **120TH ST & SECOND AVE** **N/A**
1/4-1/2 **NEW YORK, NY**
0.324 mi.
1710 ft. **Site 2 of 7 in cluster BN**

Relative:
Lower

Actual:
12 ft.

LTANKS:

Site ID:	203097
Spill Number/Closed Date:	9808968 / Not Reported
Spill Date:	10/19/1998
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	10/19/1998
CID:	371
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	10/19/1998
Spill Record Last Update:	8/13/2012
Spiller Name:	Not reported
Spiller Company:	HOWARD - BLDG MGR
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	HOWARD LEAPORE
Spiller Phone:	(212) 744-9707
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	168925

APARTMENT BLDG - TTF (Continued) **S103558037**

DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AUSTIN"5/18/04 - AUSTIN - TRANSFERRED FROM TOMASELLO FOR REASSIGNMENT - END7/27/05 - Transferred for closure review to M Johnson.6/15/06 Transferred for closure review to T Knizek.08/13/12 - LZ As Randy Austin requested, the spill has been reassigned to Tim DeMeo

Remarks: TANK WONT HOLD PRODUCT TO TEST IT - AUTOMATIC FAIL.

Material:

Site ID:	203097
Operable Unit ID:	1070153
Operable Unit:	01
Material ID:	316439
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	203097
Spill Tank Test:	1546417
Tank Number:	1
Tank Size:	2000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Spills
Last Modified:	10/1/2004
Test Method:	Horner EZ Check I or II

BN633 **MANHOLE #1864** **NY Spills** **S108057485**
South **EAST 120 STREET & 2 AVENUE** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.324 mi.
1710 ft. **Site 3 of 7 in cluster BN**

Relative: **Lower**

Actual: **12 ft.**

SPILLS:

Facility ID:	0602921
Facility Type:	ER
DER Facility ID:	315644
Site ID:	365511
DEC Region:	2
Spill Date:	6/15/2006
Spill Number/Closed Date:	0602921 / 8/15/2006
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	6/15/2006

25 PRECINCT NYPD -DDC (Continued) **S102239355**

Tank Test:

---

655 West 1/4-1/2 0.354 mi. 1868 ft.

NYC PARKS
122 ND & 5TH AVE
MANHATTAN, NY

NY LTANKS **S107658909**
N/A

Relative: Higher

Actual: 103 ft.

LTANKS:

Site ID:	361887
Spill Number/Closed Date:	0515023 / Not Reported
Spill Date:	3/31/2006
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	3/31/2006
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	3/31/2006
Spill Record Last Update:	5/24/2012
Spiller Name:	GABE RAMOS
Spiller Company:	NYC PARKS
Spiller Address:	122 ND & 5TH AVE
Spiller City,St,Zip:	MANHATTEN, NY
Spiller County:	001
Spiller Contact:	GABE RAMOS
Spiller Phone:	(212) 410-8916
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	312142
DEC Memo:	04/03/06-Hiralkumar Patel. TTF letter sent out to Mr. Ramos.09/02/09-Hiralkumar Patel.1:18 PM:- received email from Mr. Ramos. NYC DDC removed and replaced tank in March 2009.Gabe RamosDep. Chief of Citywide OperationsCity of New York, Parks & Recreation5-Boro OperationsRandalls Island, NY 10035Ph. (212) 410-8916email: Gabriel.Ramos@parks.nyc.gov05/24/12-Hiralkumar Patel.2:02 PM:- sent email to Mr. Ramos inquiring updates.DEC requries: 1) tank closure report (any contamination along any lines or under tank, which part failed)
Remarks:	DIG UP AND RETEST

Material:

Site ID:	361887
Operable Unit ID:	1120000
Operable Unit:	01

NYC PARKS (Continued) **S107658909**

Material ID:	2109475
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	361887
Spill Tank Test:	1549855
Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	3/31/2006
Test Method:	Horner EZ Check I or II

BL656 **IN FRONT** **NY Spills** **S105058558**
NW **24 WEST 127TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.356 mi.
1881 ft. **Site 4 of 4 in cluster BL**

Relative:
Higher

Actual:
23 ft.

SPILLS:

Facility ID:	0103455
Facility Type:	ER
DER Facility ID:	255547
Site ID:	316998
DEC Region:	2
Spill Date:	6/29/2001
Spill Number/Closed Date:	0103455 / 7/13/2001
Spill Cause:	Housekeeping
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	6/29/2001
CID:	257
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	6/29/2001
Spill Record Last Update:	7/27/2001

MANHOLE (Continued) **S103274727**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	5/27/1998
Spill Record Last Update:	6/26/2000
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller City,St,Zip:	***Update***, ZZ
Spiller Company:	001
Contact Name:	ABOVE CALLER
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "ENGELHARDT"6/19/98 e-mail from ERT Lukshides responding to previous spill update inquiry:Any cleanup measures? Oil source identified? when the Astoria tanker went to the location to conduct the clean up, originally reported as 2 pints unknown oil on 200 gallons of water, they found that a nearby fire hydrant was running and water from the hydrant was pouring in one side of the vault and back out the other side and that there was no oil in the vault. The tank truck pumped some of the water, but no oil found. A follow up on the 29th May (2 days later) reported still no oil in the hole. No source identified for original oil, but lab sequence is <1 ppm pcb.
Remarks:	caller states that on may 8th there was a 2 pint spill of unknown oil inside manhole. cleanup crew onsite today found that a hydrant was being flushed and flushed water out of manhole

Material:

Site ID:	304652
Operable Unit ID:	1060490
Operable Unit:	01
Material ID:	320816
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

CP749 **PELHAM FRITZ RECREATION C** **NY LTANKS S108059289**
West **18 MOUNT MORRIS PARK WEST** **NY Spills N/A**
1/4-1/2 **MANHATTAN, NY**
0.443 mi.
2339 ft. **Site 1 of 7 in cluster CP**

Relative:
Higher

Actual:
22 ft.

LTANKS:

Site ID:	365375
Spill Number/Closed Date:	0602813 / Not Reported
Spill Date:	6/13/2006
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported

PELHAM FRITZ RECREATION C (Continued) **S108059289**

Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	3101
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	6/13/2006
CID:	409
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	6/13/2006
Spill Record Last Update:	5/24/2012
Spiller Name:	MR. WELLINGTON GREEN
Spiller Company:	PELHAM FRITZ RECREATION C
Spiller Address:	18 MOUNT MORRIS PARK WEST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller County:	001
Spiller Contact:	MR. WELLINGTON GREEN
Spiller Phone:	(212) 410-8969
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	315518
DEC Memo:	6/13/06 - Raphael Ketani. I talked to Thomas Leddy of Protest (631) 321-4670. He said that they did a normal plug off test. He said it is a UST for heating oil for their buildings in the park. The contact person is:Wellington Green or Gabe Ramos (boss)NYC Parks DepartmentRandalls Island, NY, 10035(212) 410-896906/19/06-Hiralkumar Patel. Spoke to Tom. he is not sure but that was dry leak probably. haven't heard from parks department yet.PBS #: 2-604978TTF sent out to Gabe Ramos at:Gabe RamosCity of NY Parks & Recreation5 Boro OperationsRandalls Island, NY 10035Ph. (212) 410-8916FAX (212) 410-8319letter faxed to Mr. Ramos.05/24/12-Hiralkumar Patel.2:02 PM:- sent email to Mr. Ramos inquiring updates.
Remarks:	IT MAY BE THE DIRECT FILL SITCK LINE.

Material:

Site ID:	365375
Operable Unit ID:	1123396
Operable Unit:	01
Material ID:	2112854
Material Code:	0001A
Material Name:	#2 Fuel Oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Site ID:	365375
Spill Tank Test:	1550051

PELHAM FRITZ RECREATION C (Continued) **S108059289**

Tank Number:	1
Tank Size:	5000
Test Method:	03
Leak Rate:	0
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified:	6/13/2006
Test Method:	Horner EZ Check I or II

SPILLS:

Facility ID:	0813485
Facility Type:	ER
DER Facility ID:	315518
Site ID:	411177
DEC Region:	2
Spill Date:	3/13/2009
Spill Number/Closed Date:	0813485 / 3/18/2009
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	3101
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	3/13/2009
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	3/13/2009
Spill Record Last Update:	3/18/2009
Spiller Name:	NONE
Spiller Company:	CITY OF NEW YORK
Spiller Address:	18 MOUNT MORRIS PARK WEST
Spiller City,St,Zip:	MANHATTAN, NY
Spiller Company:	999
Contact Name:	NONE
Contact Phone:	Not reported
DEC Memo:	x236 need CSL to be sent LiRo documented the removal of one 5,000-gallonheating oil (#2 diesel) underground storage tank (UST) at the PelhamFritz Recreation Center. The removal was conducted by GemstarConstruction Corp. of Staten Island, NY. The Pelham Fritz RecreationCenter is located within the western portion of the Marcus Garvey Parkat 18 Mount Morris Park West in Manhattan, New York. The tank was beingreplaced as part of an ongoing New York City Department of Design andConstruction UST management and upgrade program. No problems had beenpreviously reported for the heating oil tank. A 5,000-gallon heating oil single-wall steel UST and associated pipingwere removed from the site. During the excavation of the tank, the topof the tank was encountered at approximately 3.5 feet below groundsurface and a concrete bottom slab was encountered at

PELHAM FRITZ RECREATION C (Continued) **S108059289**

approximately 10.5feet below ground surface. Upon inspection, the exterior of the tankhad surficial rust. However, the interior and exterior of the UST werefree of any visual damage such as holes, pitting or degradation. Nostaining or discoloration was noted within the excavation. The bottomslab was removed and six excavation bottom samples were collected at adepth of 12 feet bgs along the centerline of the excavation (seeattached figure). The laboratory results (also attached) showed relatively low VOCconcentrations. SVOC concentration for several PAHs exceeded TAGM 4046criteria and therefore I called in a spill report. No water wasobserved in the excavation. Based on surrounding locale (there arebedrock outcrops in the Park) we expect that the depth to rock andgroundwater is 25 feet or less. LiRo is preparing a UST Closure reportthat will be submitted to NYSDEC.

Remarks: Caller states they found trace lelments of petroleum compounds in soil results.

Material:

Site ID:	411177
Operable Unit ID:	1167641
Operable Unit:	01
Material ID:	2159225
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

CC750 **71 W. 126TH ST** **NY Spills** **S104650062**
WNW **71 W. 126TH ST** **N/A**
1/4-1/2 **MANHATTAN, NY**
0.443 mi.
2340 ft. **Site 3 of 5 in cluster CC**

Relative:
Higher

Actual:
25 ft.

SPILLS:

Facility ID:	9911163
Facility Type:	ER
DER Facility ID:	163526
Site ID:	196463
DEC Region:	2
Spill Date:	12/21/1999
Spill Number/Closed Date:	9911163 / 4/23/2007
Spill Cause:	Unknown
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Unknown Responsible Party. Corrective action taken. (ISR)
SWIS:	3101
Investigator:	jbvought
Referred To:	Not reported
Reported to Dept:	12/21/1999
CID:	322
Water Affected:	Not reported
Spill Source:	Unknown

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013
Date Data Arrived at EDR: 07/08/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 151

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 05/29/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/19/2014
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 116

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
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: 03/19/2014
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 116

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 18

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/03/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List
New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 22

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 04/09/2014
Date Data Arrived at EDR: 04/10/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/08/2014
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/11/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks
A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/12/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 36

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/28/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 47

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 61

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/20/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/24/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 53

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal registered storage tank lists

TANKS: Storage Tank Facility Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database
Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage
Registered Aboveground Storage Tanks.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 05/01/2014
Number of Days to Update: 29

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database
Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database
Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing
These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

CBS: Chemical Bulk Storage Site Listing
These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/02/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/14/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 34

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/04/2014
Date Data Arrived at EDR: 04/08/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 70

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/07/2014
Date Data Arrived at EDR: 05/09/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 39

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 05/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 47

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/14/2014
Date Data Arrived at EDR: 05/15/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 33

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 05/12/2014
Date Data Arrived at EDR: 05/12/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 36

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/24/2014
Date Data Arrived at EDR: 04/25/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 53

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/08/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/21/2014
Number of Days to Update: 21

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 06/26/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 03/20/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 77

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 07/03/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 04/09/2014
Date Data Arrived at EDR: 04/10/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Semi-Annually

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/21/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/28/2014
Date Data Arrived at EDR: 06/20/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 05/21/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 19

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 05/12/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 105

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 05/19/2014
Date Data Arrived at EDR: 05/22/2014
Date Made Active in Reports: 06/11/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/06/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/04/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/30/2014
Next Scheduled EDR Contact: 10/13/2014
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/10/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites
Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US 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: 01/30/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 07/15/2014
Number of Days to Update: 132

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/06/2014
Next Scheduled EDR Contact: 09/15/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 05/06/2014
Date Data Arrived at EDR: 05/16/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 32

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
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: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 06/05/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/08/2014
Date Data Arrived at EDR: 04/09/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 69

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/10/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 06/13/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/22/2014
Next Scheduled EDR Contact: 11/10/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/30/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 03/07/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 44

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 06/12/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2014
Date Data Arrived at EDR: 05/07/2014
Date Made Active in Reports: 06/10/2014
Number of Days to Update: 34

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 04/17/2014
Date Data Arrived at EDR: 04/18/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 19

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 05/29/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/12/2014
Number of Days to Update: 13

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

AIRS: Air Emissions Data
Point source emissions inventory data.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 11/01/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 69

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 06/18/2014
Date Data Arrived at EDR: 06/30/2014
Date Made Active in Reports: 07/02/2014
Number of Days to Update: 2

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 06/20/2014
Next Scheduled EDR Contact: 10/06/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/25/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COAL ASH DOE: Steam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 06/25/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Annually

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/01/2014
Next Scheduled EDR Contact: 10/13/2014
Data Release Frequency: Quarterly

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: N/A

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 04/09/2014
Date Data Arrived at EDR: 04/11/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 08/25/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 02/17/2014
Number of Days to Update: 74

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 04/09/2014
Date Data Arrived at EDR: 04/11/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 26

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 07/02/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/11/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 14

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 05/30/2014
Date Data Arrived at EDR: 05/30/2014
Date Made Active in Reports: 06/13/2014
Number of Days to Update: 14

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/07/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

Registered Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 07/07/2014
Next Scheduled EDR Contact: 10/20/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database

A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 03/14/2014
Date Data Arrived at EDR: 03/14/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 54

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database

A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 03/14/2014
Date Data Arrived at EDR: 03/14/2014
Date Made Active in Reports: 05/07/2014
Number of Days to Update: 54

Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 06/09/2014
Next Scheduled EDR Contact: 09/22/2014
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database

A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 34

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: No Update Planned

Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 01/30/2014
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/03/2014
Number of Days to Update: 34

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 03/18/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 36

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 03/18/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/25/2014
Number of Days to Update: 36

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 05/05/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/23/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/17/2014
Next Scheduled EDR Contact: 10/27/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/18/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 03/27/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/17/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 07/21/2014
Next Scheduled EDR Contact: 11/03/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/16/2014
Next Scheduled EDR Contact: 09/29/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

APPENDIX C

PHOTOLOG

Photo #1 – General view of the subject property.

Photo #2 – View of the asphalt-paved parking lot. View is towards the west.

Photo #3 – Solid-bottom stormwater catch basin (typical).

Photo #4 – Ramp in the southeast corner of the property.

Photo #5 – Minor staining on the asphalt-paved surface (typical).

APPENDIX D

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Stephanie O. Davis, PG, CPG

FPM group — Engineering and Environmental Science

Ms. Davis has diversified experience in geology and hydrogeology. Her professional technical experience includes groundwater, soil, and soil vapor investigations, design and management of soil and groundwater remediation projects, design and installation of groundwater containment systems, design and evaluation of soil vapor mitigation systems, groundwater flow modeling, aquifer testing and interpretation, evaluation of site compliance with environmental regulations, environmental permitting, and personnel training. Ms. Davis presently manages several large-scale investigation and remedial programs, including program scopes, budgets, staffing, and schedules.

Functional Role	Title	Years of Experience
Manager, Phase I ESA Program	**Senior Project Manager, Vice President**	**30**

Personal Data

Education
M.S./1984/Geology/University of Southern California
B.S./1981/Geology/Bucknell University

Registration and Certifications
Certified Professional Geologist #9487, (AIPG) 1995
California Registered Geologist #5192, 1991
Pennsylvania Registered Geologist #PG-000529-G, 1994
OSHA – Approved 40 hour Health and Safety Training Course (1990)
OSHA - Approved 8 hour Health and Safety Training Refresher Courses (1991-Present)
OSHA-Approved 8-hour Site Safety Supervisor Training Course (2008)
National Ground Water Association
Long Island Association of Professional Geologists
USEPA Triad Training for Practitioners

Employment History

1993-Present	FPM Group
1992-1993	Chevron Research and Technology Co.
1990-1992	Chevron Manufacturing Co.
1984-1990	Chevron Exploration, Land, and Production Company

Continuing Education
- Treatment of Contaminated Soil and Rock
- Groundwater Pollution and Hydrology
- Environmental Law and Regulation
- Remedial Engineering
- Soil and Foundation Engineering
- Environmental Geochemistry
- Project Management Professional (PMP) training

Detailed Experience

Site Investigations

- **Program Manager** for ongoing investigation and remedial projects at several New York State Inactive Hazardous Waste Disposal sites, Voluntary Cleanup Program (VCP) sites, and Brownfield Cleanup Program (BCP) sites. Investigations have included site characterization, Remedial Investigations/Feasibility Studies (RI/FS), and Resource Conservation and Recovery Act (RCRA) facility investigations and closures. Remedial services have included contaminated soil removal; ORC and HRC injections; design, installation, and operation of air sparge/soil vapor extraction (AS/SVE) systems and sub-slab depressurization systems (SSDS), capping, and other remedial services.
- **Program Manager, NYS BCP Site, Far Rockaway, NY.** Managed all aspects of pre-application investigation, BCP application, RI Work Plan development, and Citizen Participation Plan (CPP) for a chlorinated solvent site. Responsible for scope development, NYSDEC and NYSDOH coordination, budget, schedule, staffing, and report management.
- **Program Manager, Site Characterization (SC) for NYS Inactive Hazardous Waste Disposal Site, Flushing, NY.** Responsible for SC scope development, budget, schedule, SC Work Plan and report review, staffing, and agency negotiations for a chlorinated solvent site undergoing residential redevelopment.
- **Program Manager** for all Phase I ESA, Phase II investigations, and remediation projects for a major commercial developer on Long Island, New York. Projects have included environmental services associated for the purchase and redevelopment of office buildings, aerospace facilities, former research and development facilities, and large manufacturing plants. Remedial services have included RCRA closures, UIC closures, tank removals, and BCP projects.
- **Program Manager, Remedial Investigation/ Feasibility Study (RI/FS), Levittown, NY.** Managed all aspects of RI/FS for a Class 2 Inactive Hazardous Waste Disposal (Superfund) site involving chlorinated solvents. Responsibilities included RI/FS scope, budget and schedule development, RI/FS work plan, HASP, CAMP, and QAPP, coordination with client, tenants, and regulatory agencies, report review, remedial approach development, and conceptual design.

- **Project Manager, RCRA Facilities Investigation (RFI), Barksdale AFB, LA, AFCEE**. Responsible for all aspects of field program planning, solicitation and selection of subcontractors, mobilization and establishment of a field office, supervising multiple field crews, installation and sampling of monitoring wells, collection and soil samples, data tracking and management and preparation of an RFI report. The scope of work included characterization of the nature and extent of groundwater and soil contamination at thirteen Solid Waste Management Units (SWMUs), performing a base-wide evaluation of background contaminant concentrations, and developing a long-term monitoring (LTM) program for the base.
- **Field Services Manager, UST Investigation, Plattsburgh AFB, NY, AFCEE**. Responsible for field crew training, coordination of sampling crews at multiple sites, sample labeling, handling, tracking, and shipping, field data management and remote field office management. The scope of work included collection of over 450 groundwater samples to characterize groundwater conditions in the vicinity of 150 USTs using a Geoprobe sampling rig, well points, and rapid turnaround-time analysis.
- **Project Manager** for site investigation activities, including soil vapor sampling, soil sampling and analysis, groundwater sampling and analysis, and geotechnical evaluation for numerous sites in Suffolk County, New York. The resulting data were utilized by a major supermarket company in the negotiations for the purchase of the properties and in the property remediation prior to development.
- **Project Manager, Site Investigation, Bronx, NY, NYCT.** Managed field sampling and data analysis activities, including soil vapor analysis, soil sample analysis, and groundwater sampling and analysis at an active commercial bus terminal. Made recommendations for site remediation, including UST removal, soil excavation and disposal, and free-phase product extraction.
- **Project Manager, RCRA Facilities Investigation, City of Richmond, CA**. Prepared RFI work plan, incorporating existing geologic, chemical, and historical data, evaluating newly-acquired site data, and developing recommendations for further investigation and remedial action at a former municipal landfill.
- **Project Manager, Site Investigation, Bay Shore, NY**. **Manufacturing facility.** Managed onsite and offsite soil and groundwater sampling program. Compiled and evaluated data and prepared a comprehensive report of the investigation results for the Suffolk County Department of Health Services (SCDHS) and NYS Department of Environmental Conservation (NYSDEC). Proposed remediation technologies for onsite soil contamination and onsite and offsite groundwater contamination.
- **Project Manager, Site Investigation, Newark Airport, NJ, FAA.** Managed and conducted a soil and groundwater sampling program adjacent to Runway 29. Analyzed chemical analytical data and developed recommendations.
- **Project Manager, Remedial Investigation, Richmond Refinery, CA.** Supervised and conducted drilling, soil sampling, cone penetrometer testing, and well installation at a refinery process water effluent treatment system and former municipal landfill.
- **Senior Hydrogeologist, multiple sites, NY metro area**. Supervised drilling, installation, development, and sampling of monitoring wells at numerous sites in the greater New York metro area. Utilized resulting stratigraphic, hydrologic, and chemical analytical data to evaluate site conditions.
- **Program Manager, multiple sites, major New York Metro area automobile dealer.** Managed all investigation and remedial activities for a major automobile retailer with multiple facilities. Sites included tanks, petroleum spills, underground injection control (UIC) systems, soil vapor intrusion issues, and hazardous waste management. Responsible for work scope and budget preparation, staffing and oversight, client and regulatory agency interactions, addressing insurance issues, reporting and certification, and project closeouts.
- **Program Manager, SWTP groundwater monitoring program, Town of East Hampton.** Managed groundwater sampling and reporting for the Scavenger Waste Treatment Plant (SWTP). Responsibilities included oversight of well installation, purging and sampling the SWTP groundwater monitoring wells, and providing data to the Town for reporting purposes.

Remediation

- **Program Manager, NYSDEC BCP site, NY City, major real estate developer.** In responsible charge of all investigation and remedial activities at a NYSDEC BCP site in New York City. Prepared the Remedial Investigation and Remedial Work Plan; coordinated with the owner, other contractors, and the NYSDEC; prepared for and conducted citizen participation activities; supervised all waste characterization, profile preparation, and waste management; developed the Final Engineering Report (FER) and Site Management Plan (SMP) for

NYSDEC approval; and ensured that all remedial requirements were met such that the Certificate of Completion (COC) was issued. Continuing activities include coordination of the ongoing site management, communications with the NYSDEC and NYSDOH, and preparation of the annual Certification Report.

- **Program Manager, Major Oil Storage Facility (MOSF) closure, Glen Harbor, NY. Real estate developer.** Responsibilities included coordination of the work scope with the NYSDEC and NCDOH, development of work plans for tanks, UIC, and petroleum spill closure, budget and schedule development, staffing and oversight, reporting and certification, and closeout of all environmental issues such that residential redevelopment could proceed.
- **Program Manager, Delineation and Remedial Services, NYS Spill Site, St. James, NY.** Responsible for client and agency coordination, budget, schedule, staffing, remedial design and reporting for a petroleum release at a Service Station property with offsite impacts.
- **Program Manager, RCRA Closure Site, Freeport, NY.** Managed all aspects of RCRA Closure of a former printing facility, including scope, budget and schedule development, Closure Plan, NYSDEC interactions, QAPP, and specifications for contractor services.
- **Program Manager, Sub-slab depressurization system (SSDS), Brooklyn, NY.** Managed all aspects of SSDS implementation, including delineation sampling, remedial design, budget and schedule, construction services testing, reporting, and O&M manual development for a former dry cleaner site in an active shopping center.
- **Program Manager, SSDS, Bronx, NY.** Responsible for all aspects of SSDS implementation for a former dry cleaner site in a mixed-use building, including delineation sampling, SSDS design, construction contractor services, testing, reporting, and O&M manual development.
- **Project Manager, Soil Remediation, Hauppauge, NY. Metal plating facility**. Planned remedial project and managed contractor support for soil remediation. Project was completed and approved by SCDHS.
- **Remedial Design, AS/SVE projects**. Developed pilot test plans, evaluated pilot test results, and prepared conceptual designs for several air sparge/soil vapor extraction (AS/SVE) systems to treat petroleum and/or chlorinated solvent VOCs. These systems were subsequently installed and Ms. Davis provides ongoing review of system operations and remedial monitoring results.
- **Program Manager, Waste soil management, Brooklyn, NY. Travelers Insurance**. In responsible charge of several task orders for waste characterization of a 90,000-cy construction soil stockpile at a municipal sewer facility. Responsibilities included development and implementation of Sampling and Analysis Plans (SAP), coordination of staffing, review of lab data, preparation of Field Sampling Summary Reports (FSSR), coordination with disposal facilities, and preparation of waste profiles.
- **Program Manager, NYS Inactive Hazardous Waste Disposal (Superfund) site, Hicksville, NY. Property owner**. Responsibilities included developing and implementing pre-demolition investigations, developing and implementing remedial actions (source removal) in conjunction with retail redevelopment, conceptual design and installation of sub-slab depressurization systems (SSDSs),maintaining ongoing OM&M programs.
- **Project Manager, Remedial projects, Patchogue, NY. US Tape**. Designed and performed indoor underground storage tank abandonment program, leaching pool remediation plan, and managed contractor support for closure activities at a manufacturing facility. SCDHS provided oversight and approval.
- **Senior Hydrogeologist, Remedial design for a landfill, Richmond, CA**. Contributed to the design of a groundwater containment and remediation system for a former municipal landfill, including subsurface groundwater barrier walls and extraction wells.
- **Project Manager, Soil remediation, Carle Place, NY, Kimco**. Designed remedial plan and supervised soil remediation activities at an active construction site involving excavation and disposal of 5,000 tons of PCB-, metal-, and petroleum-contaminated soil. NYSDEC oversaw and approved the completed remediation.
- **Project Manager, Groundwater containment system, Richmond, CA**. Coordinated technical aspects of groundwater barrier wall construction, including routing, permitting, design, material selection, and field activities.
- **Project Manager, Multiple UIC investigations and closures, Suffolk and Nassau Counties, NY** Responsible for investigation and remediation of contaminated cesspool and stormwater drain pool in systems. Fully conversant with SCDHS SOP 9-95 and USEPA UIC regulations for investigation and cleanup of leaching pool systems, including Action Levels and Cleanup Standards, groundwater monitoring criteria, and remedial requirements.

- **Project Coordinator, UIC Closure, Hempstead, NY.** Coordinated and supervised all aspects of waste management for a UIC closure, including disposal facility review, waste sampling and classification, manifesting, project closeout, and taxation issues.

Miscellaneous Projects

- **Phase I ESAs**. Performed numerous Phase I Site Assessments for residential and industrial sites in the metropolitan New York area.
- **Environmental Trainer.** Conducted aquifer pumping and soil vapor extraction test training. Instructed classes for site investigation methods, aquifer pumping test analysis, and risk assessment.
- **Project Management**. Performs a wide range of project management functions, including development and management of project budgets and schedules, coordination of field and office staffing, document preparation, review, editing, and interaction with clients, regulatory, legal, real estate, consultant, and compliance personnel.
- **Field Mapping Studies**. Organized, supervised, and conducted field mapping studies in Alaska.
- **Downhole Logging**. Directed petroleum well site geophysical logging operations and interpreted geophysical well logs.
- **Geophysical Data Interpretation**. Processed and interpreted seismic reflection data and constructed seismic velocity models.
- **Regulatory Evaluations**. Assisted and reviewed regulator's revision of proposed risk assessment-based UST cleanup guidelines. Reviewed proposed USEPA NPDES permits for remediation system effluent.
- **Geologic Mapping**. Constructed and interpreted structural and stratigraphic cross sections, and structure contour, fault surface, isochore, and isopach maps.

Health and Safety

- **Health and safety monitoring, multiple sites**. Implemented HASP monitoring at investigation and remediation sites during intrusive activities, including calibration and operation of photoionization detector (PID) and flame ionization detector (FID) for organic vapors and combustible gas indicator (CGI) for methane. Compared results to applicable action levels and implemented protective measures as necessary.
- **CAMP monitoring, multiple sites**. Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors. Recorded observations and compared to applicable action levels. Calibrated and operated noise meters, particulate monitors, and PID/FID.
- **Radiation screening, multiple sites**. Performed screening for radiation at select sites, including operating Geiger counter in different radiation modes and obtaining background readings.

Ben T. Cancemi, CPG

FPM group — Engineering and Environmental Science

Mr. Cancemi has diversified experience in geology and hydrogeology. His professional experience includes groundwater and soil investigations, design and management of soil remediation projects, installation and maintenance of groundwater containment and remediation systems, aquifer testing and interpretation, geotechnical studies, evaluation of site compliance with environmental regulations and environmental permitting.

Functional Role	Title	Years of Experience
Phase I ESA Senior Staff	Department Manager - Hydrogeology	18

Personal Data

Education
M.S./2001/Hydrogeology/SUNY Stony Brook
B.S./1995/Geology/SUNY Stony Brook

Registration and Certifications
Certified Professional Geologist – American Institute of Professional Geologists
OSHA 40-hour HAZWOPER and Current 8-hour Health and Safety Training and Current Annual Physical
OSHA 8-hour HAZWOPER Supervisor
OSHA 10-hour Construction Safety and Health
OSHA Permit-Required Confined Space Training
Long Island Geologists
National Groundwater Association
MTA NYC Transit Track Safety Certification

Employment History

2001-Present	FPM Group
1998-2001	Burns & McDonnell Engineering Company
1997-1998	Groundwater and Environmental Services
1996-1997	Advanced Cleanup Technologies

Detailed Experience

Phase I Environmental Site Assessments

- Performed numerous Phase I Environmental Site Assessments (ESAs) for commercial and industrial properties throughout the Northeastern United States for various clients including trucking companies, major airlines, telecommunication companies, chemical/ petroleum storage facilities, aerospace manufacturing facilities, machine shops, retail shopping centers, auto dealerships and service stations.

Site Investigations/Groundwater Monitoring

- Coordinated and performed an investigation at a vacant commercial property Far Rockaway, NY, including soil, groundwater and soil vapor sampling to assess onsite chlorinated solvent impacts from an adjoining offsite source.
- Coordinated and performed soil and groundwater sampling and soil vapor studies at several aerospace manufacturing facilities on Long Island, NY. Assessments included an evaluation of past manufacturing and facility operations, storage and use of solvents, petroleum and manufacturing-derived wastes, and impacts to soils, soil vapor, and groundwater. Areas of concern were identified for further evaluation and/or corrective action.
- Coordinated and performed long term groundwater monitoring at two closed Town of East Hampton, NY municipal landfills, including the sampling a multi-depth monitoring well network, analysis and interpretation of analytical and hydrogeologic data, and regulatory reporting in accordance with NYSDEC Part 360 requirements.
- Coordinated and performed soil and groundwater investigations at various agricultural and horticultural properties to evaluate impacts of past herbicide and pesticide usage on the underlying soil and groundwater.
- Managed and performed routine methane monitoring at two Town of East Hampton landfills for compliance with NYSDEC requirements and to evaluate potential offsite migration to the surrounding community. Monitored indoor air with a flame ionization detector (FID) to evaluate impacts to buildings.
- Assisted with groundwater flow modeling for the Springs-Fireplace Road Landfill to evaluate the nature and extent of the landfill plume, its likely downgradient extent, and its fate.
- Coordinated and performed onsite and offsite monitoring at petroleum release sites on Long Island, the New York metropolitan area, and in Westchester County in accordance with NYSDEC Spill program requirements. The monitoring programs generally included sampling multi-depth monitoring well networks utilizing low-flow sampling techniques, analysis/interpretation of analytical and hydrogeologic data, and regulatory reporting.

- Coordinated a soil and groundwater sampling program to evaluate environmental conditions at Terminal A, Logan International Airport, East Boston, Massachusetts. The program included an assessment of the current fuel hydrant system and other locations of potential environmental concern using non-destructive air vacuum extraction-clearing techniques combined with direct-push sampling.
- Managed and performed a soil and groundwater investigation, a remedial soil excavation, and groundwater monitoring at a pyrotechnics manufacturing facility in Suffolk County, NY. The work was performed under the direction of the Suffolk County Department of Health Services (SCDHS) to investigate and remediate contamination from historic use of perchlorate-containing materials at the facility.
- Coordinated and performed soil and groundwater investigations at several automobile dealerships in Westchester County, NY to evaluate potential impacts from petroleum and chemical solvent storage and usage and onsite waste water disposal systems.

Remediation

- Managed remedial activities at a NY State Environmental Restoration Program (ERP) Site situated at a former hospital landfill in Northport, NY. Responsibilities contractor management and oversight, soil disposal management, confirmatory testing, data review, and preparation of a final engineering report to document remedial activities.
- Performed pilot testing, design, installation and procurement of numerous multi-depth soil vapor extraction (SVE) and air sparge (AS) remediation systems on Long Island and in the NYC metropolitan area to remediate chlorinated solvents and petroleum. Conducted remediation system operation and maintenance, and evaluations of system performance.
- Performed numerous storm water and sanitary leaching structure (UIC) cleanouts utilizing excavation and/or vacuum assisted equipment to remove contaminated sediments and liquids. Conducted waste characterization and profiling, pipe camera surveys, and structure locating utilizing water-soluble dyes and electronic locating equipment.
- Designed and oversaw the installation of a sub-slab depressurization system (SSDS) in the Bronx, NY to mitigate chlorinated solvent impacts. SSDS monitoring was conducted to ensure proper operation and emissions compliance of with NYSDEC air discharge guidelines.
- Operated and maintained remediation systems, including SVE, groundwater pump and treat, AS, dual-phase extraction, SSDS and free-phase petroleum recovery systems.

Health and Safety

- Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Calibrated and operated photoionization detectors (PID) and flame-ionization detectors (FID) for organic vapors and combustible gas indicators (CGI) for methane. Compared results to applicable action levels and took preventative/protective measures as necessary.
- Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors. Recorded observations and compared to applicable action levels. Calibrated and operated noise meters, particulate monitors, and PID/FID.
- Prepared community air monitoring and health and safety plans for several NYSDEC inactive hazardous waste, brownfield cleanup program, volunteer cleanup program, petroleum spill, and NYC e-designation program sites.
- Performed screening for radiation at select sites. Operated Geiger counter in different radiation modes and obtained and evaluated background readings.

Other

- Coordinated RCRA closure activities and performed confirmatory sampling at a former package manufacturing facility in Garden City, NY. Project duties included contractor procurement, rinsate and soil sampling, and regulatory agency reporting and coordination.
- Prepared a remedial design (RD) work plan for a former hospital landfill on Long Island. The RD work plan included a summary of past investigations, a materials management plan for the excavation and disposal of contaminated soils and debris, a post-excavation sampling plan, a

site restoration plan, community air monitoring plan (CAMP), health and safety plan (HASP) and a quality assurance and quality control (QA/QC) plan.

- Managed and performed monthly soil gas sampling and quarterly indoor air quality sampling at an elementary school in southwestern Nassau County, NY. The monitoring and related reporting were performed to ensure that a gasoline groundwater plume migrating through the school property was not impacting the school occupants.
- Performed compliance inspections to assess issues of potential environmental concern at manufacturing, aviation, trucking, retail and not-for-profit facilities.
- Managed and performed methane monitoring at two eastern Long Island landfills to evaluate potential offsite impacts, indoor air quality, and methane generation and migration.
- Managed and coordinated a petroleum spill investigation to evaluate the nature and extent of a fuel oil release at an office building in White Plains, NY. The investigation included excavation and removal of a 5,000-gallon situated over 20 feet below grade, tightness testing of the UST and associated piping, a soil and groundwater investigation, free product recovery utilizing vacuum-enhanced fluid recovery techniques, and coordination and reporting to the NYSDEC and Westchester County Department of Health.

George H. Holmes

FPM group — Engineering and Environmental Science

Mr. Holmes has diversified experience in geology and hydrogeology. His professional experience includes groundwater and soil investigations, routine landfill gas monitoring, Phase I Environmental Site Assessments, soil remediation projects, soil vapor intrusion evaluation, maintenance of groundwater remediation systems, aquifer interpretation, and evaluation of site compliance with environmental regulations.

Functional Role	Title	Years of Experience
Phase I ESA Staff	Hydrogeologist/Civil Engineer	4

Personal Data

Education
M.S./2011/Civil Engineering/Penn State, PA
B.S./2007/Geology/SUNY Cortland, NY

Registration and Certifications
OSHA 40-hour HAZWOPER Health & Safety Training
Current OSHA 8-hour HAZWOPER Health & Safety Refresher
American Geophysical Union
Long Island Association of Professional Geologists

Employment History
2011-Present FPM Group
2007-2007 Suffolk County Water Authority

Detailed Experience

Site Investigation and Monitoring

- Performed soil, soil vapor, indoor air and groundwater monitoring and sampling at numerous commercial, industrial, and retail gasoline sites throughout Long Island, New York City, Westchester County and upstate New York. Monitoring and sampling activities have been conducted in accordance with NYSDEC-approved work plans, Phase II and other investigations.
- Assisted in a groundwater, soil, and soil vapor investigation at a Brownfield Cleanup Program (BCP) Site in Far Rockaway, NY involving chlorinated solvents. Responsibilities included groundwater, soil, and soil vapor sampling for characterization and delineation.
- Coordinated and managed subcontractors performing soil boring and well installation activities, excavation activities and utility mark-outs at numerous sites throughout Long Island, New York City, Westchester County and upstate New York.
- Conducted sampling of underground injection control (UIC) systems at several locations on Long Island and in New York City. Responsibilities included sample acquisition and management, field screening, equipment decontamination, data tabulation and evaluation, and reporting.
- Skilled in use and calibration of field equipment including photoionization detectors (PID), flame-ionization detectors (FID), Landtec Infrared Gas Analyzer, combustible gas indicator (CGI), water-level meters, interface probes, submersible pumps, groundwater quality instrumentation, and survey equipment.
- Prepared monitoring reports, investigation reports, site plans, contaminant concentration contour maps, groundwater flow direction maps, and NYSDEC EDD's.
- Conducted Phase I Environmental Site Assessments (ESAs) for numerous residential, commercial, industrial and vacant wooded sites in New York State in accordance with ASTM standards. Phase I ESA tasks included site inspections, interviews, evaluation of state and federal databases, record reviews at local and state government agencies, and report preparation.
- Performed project management tasks including budget analysis, project tracking, invoice approval, client interaction, and preparation of site-specific health and safety plans (HASPs) Community Air Monitoring Plans (CAMPs) and Quality Assurance Project Plans (QAPP)..

Remediation

- Assisted in remedial activities at a New York State Environmental Restoration Program (ERP) brownfield site in Northport, NY. Responsibilities included collection of waste characterization samples, oversight and documentation of excavation and disposal activities, collection of endpoint samples to document the condition of the remaining soil, data tabulation and evaluation and report preparation.
- Assisted in remedial activities at a former fuel terminal site in Glenwood Landing, NY. Responsibilities included collection of waste characterization samples, oversight of excavation

and removal of impacted soils, and oversight of floating product removal.

- Provided oversight for the installation of a product recovery system at an industrial site in Flushing, NY. Responsibilities included monitoring product thickness and recovery, field coordination, and documentation.
- Assisted in a UST removal and the removal of impacted sediments from a leaching pool at a former dry-cleaning site in Levittown, NY. Responsibilities included waste characterization and endpoint sampling, subcontractor coordination and oversight, coordination with various Nassau County agencies and the NYSDEC, and report preparation.
- Managed the removal of impacted sediments and liquids from several leaching pools at a commercial site in Inwood, NY. Responsibilities included waste characterization and endpoint sampling, subcontractor coordination and oversight, data tabulation and evaluation and report preparation.
- Operated and maintained remediation systems including soil vapor extraction, groundwater pump and treat, air sparge systems, and sub-slab depressurization systems.

Landfills

- Participated in landfill gas monitoring projects at Town of Islip three landfills. Monitoring program included monthly collection of landfill gas data from onsite and offsite methane wells, methane collection systems (extraction wells), and flare systems, Volatile Organic Compound (VOC) monitoring, greenhouse gas monitoring, and report preparation. Responsibilities also included frequent correspondence with Town officials and regulatory personnel.
- Participated in field and reporting activities for the U.S. Environmental Protection Agency (EPA) Greenhouse Gas (GHG) Reporting Program at the Blydenburgh Landfill in the Town of Islip. Program included weekly GHG data collection, usage and maintenance of a dedicated data logging system, data management, and report preparation in accordance with EPA specifications.
- Conducts ongoing groundwater and methane monitoring programs for two Town of East Hampton landfills. Responsibilities include collection of routine and baseline groundwater samples, methane monitoring and operating, tabulation of analytical data, and report preparation.

Health and Safety

- Prepared community air monitoring (CAMP) and health and safety plans (HASP) for several NYSDEC inactive hazardous waste, brownfield cleanup program, and voluntary cleanup program sites, and petroleum sites.
- Performed health and safety monitoring at investigation and remediation sites during intrusive activities. Monitoring included calibration and operation of PID and FID for organic vapors and CGI for methane. Compared results to applicable action levels and took preventative/protective measures as necessary.
- Performed community monitoring, including monitoring for noise, particulates (dust), and organic vapors in accordance with NYSDEC-approved CAMPs. Recorded observations and compared to applicable action levels. Calibrated noise meters, particulate monitors, and PID/FID.

APPENDIX 2

HEALTH AND SAFETY PLAN

HEALTH AND SAFETY PLAN

PREPARED FOR

EAST 126TH STREET
NEW YORK, NEW YORK

PREPARED BY

FPM group™

909 MARCONI AVENUE
RONKONKOMA, NEW YORK 11779

TABLE OF CONTENTS

APPENDICES

TABLE OF CONTENTS (CONTINUED)

LIST OF TABLES

SECTION 1.0
INTRODUCTION

This Health and Safety Plan (HASP) has been written for compliance with "OSHA Hazardous Waste Operations Standards (29 CFR 1910.120)", OSHA Construction Standard 29 CFR 1926, the guidance documents, "Standard Operating Safety Guidelines (Office of Solid Waste and Emergency Response, 1988)" and the "Occupational Safety and Health Guidance Manual for Hazardous Waste Activities" (U.S. Department of Health and Human Services, 1985).

1.1 Scope and Applicability of the HASP

This HASP is designed to be applicable to locations where activities associated with the sampling of groundwater, soil, and soil vapor are performed at or in proximity to the Site. This HASP may also be modified or amended to meet specific needs of the work proposed. This HASP will detail the Site safety procedures, Site background, and safety monitoring. Contractors will be required to adopt this HASP in full.

The Health and Safety Officer (HSO) will be present at the Site to inspect the implementation of the HASP; however, it is the sole responsibility of the contractor(s) to comply with the HASP.

The HASP has been formulated as a guide to complement professional judgment and experience. The appropriateness of the information presented should always be evaluated with respect to unforeseen Site conditions which may arise.

1.2 Site Work Zone and Visitors

The Site work zone (a.k.a. exclusion zone) during groundwater, soil, and soil vapor sampling activities will be a 30-foot radius about the work location. This work zone may be extended if, in the judgment of the health and safety officer (HSO), Site conditions warrant a larger work zone.

No visitors will be permitted within the work zone without the consent of the HSO. All visitors will be required to be familiar with, and comply with, the HASP. The HSO will deny access to those whose presence within the work zone is unnecessary or those who are deemed by the HSO to be in non-compliance with the HASP.

All Site workers including the contractors will be required to have 40-hour hazardous material training (eight-hour refresher courses annually), respirator fit test certification, and medical surveillance as stated in 29 CFR 1910.120.

The HSO will also give an on-Site health and safety discussion to all Site personnel, including the contractors, prior to initiating the Site work. Workers not in attendance during the health and safety talk will be required to have the discussion with the HSO prior to entering the work zone.

Emergency telephone numbers and directions to the nearest hospital are found in Table 1.2.1.

TABLE 1.2.1
EMERGENCY TELEPHONE NUMBERS

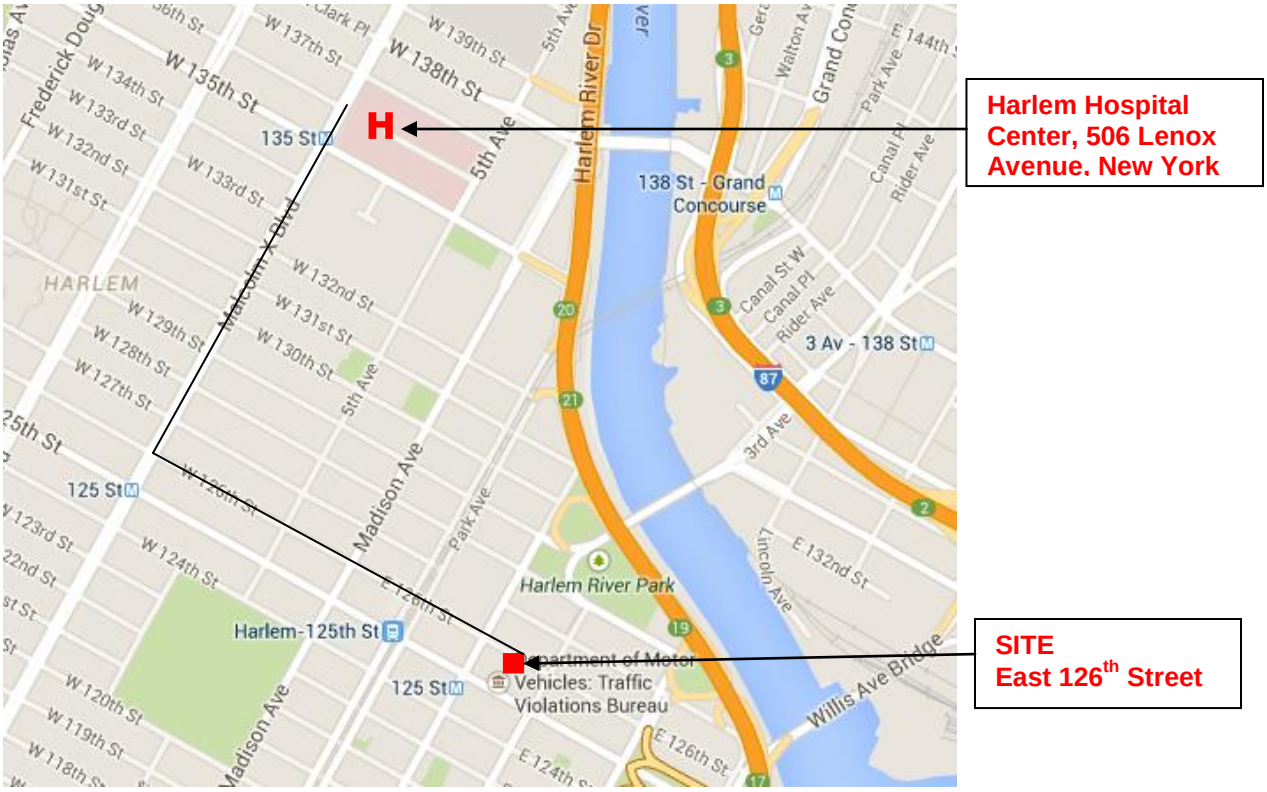
Police	911
Ambulance	911
Poison Control Center	212-764-7667
New York State Spills Hotline	800-457-7362
Harlem Hospital Center	212-939-1000

FPM Contact Personnel (Office: 631-737-6200)

Dr. Kevin J. Phillips, P.E.	Cell # 631-374-6066
Ben Cancemi, Project Manager and Health and Safety Officer	Cell # 516-383-7106
Stephanie Davis, Project Coordinator, QA/QC Officer	Cell # 516-381-3400
George Holmes, Alternate Health & Safety Officer	Cell # 631-512-1077

Directions to Harlem Hospital Center (212-939-1000)

Turn left from the north side of the Site onto East 126th Street and head west about one-half mile to Malcolm X Boulevard. Turn right onto Malcolm X Boulevard and continue north approximately one-half of a mile. Harlem Hospital Center will be on the right.



SECTION 2.0
KEY PERSONNEL AND RESPONSIBILITIES

The project manager and field activities manager for this project will be Ben Cancemi. Mr. Cancemi will also be the primary HSO. The project field staff may include Stephanie Davis, John Bukoski, and/or George Holmes. Contractor personnel may also be on Site. In the event that Mr. Cancemi is not onsite, the senior FPM staff member onsite will act as HSO and will report to the project manager. Contractor personnel will be provided with health and safety information by the HSO.

SECTION 3.0
SITE BACKGROUND

3.1 Site History and Potential Chemical Constituents at the Site

The Site is located at East 126th Street, New York, New York. There is an asphalt-paved parking lot covering the entire site. The site is e-designated for hazardous materials. Groundwater, soil, and/or soil vapor at the Site may be impacted with petroleum-related chemicals. See Table 3.1.1 below for a list of typical petroleum chemicals with threshold limit values.

TABLE 3.1.1
PRIMARY CHEMICALS WITH THRESHOLD LIMIT VALUES
EAST 126th STREET
NEW YORK, NEW YORK

Contaminant	Short Term Exposure Limit (STEL) 15 Minutes	Time-Weighted Average Eight-Hour Exposure Limit
Benzene	5 ppm	1 ppm
Ethylbenzene	125 ppm	100 ppm
o-Xylene	150 ppm	100 ppm
m,p-Xylene	150 ppm	100 ppm
Toluene	150 ppm	100 ppm

SECTION 4.0
TASK/OPERATION HEALTH AND SAFETY ANALYSIS

This section will present health and safety analyses for the groundwater, soil, and soil vapor sampling activities.

4.1 Safety Analysis

Sampling activities will generally be performed by FPM personnel, although contractors will be utilized to provide access to the subsurface with the use of heavy equipment such as direct-push rigs. Safety concerns will include risk of injury due to being struck by equipment, being trapped between moving equipment parts, being struck by dropped materials, and hearing damage due to equipment noise. Site personnel will take precautions against these risks when working in the vicinity of heavy equipment by being aware of equipment locations and movement, by wearing steel-toed boots and hard hats, and by using hearing protection, if necessary. Site personnel who have not previously worked in the vicinity of heavy equipment will be paired with an experienced person for at least one day to familiarize themselves with heavy equipment operations and safety procedures.

A calibrated photoionization detector (PID) will be used to monitor VOCs in the worker's breathing zone during performance of soil borings. Steady-state PID readings greater than 10 ppm in the worker's breathing zone will require upgrading to Level C personal protective equipment. The NYC OER will be notified if there is a need to upgrade to Level C protection. Steady-state readings, for this purpose, will be defined as readings between 10 and 20 parts per million (ppm) above background for a minimum of ten seconds. Readings will be obtained at points approximately one foot above and then around the borehole. These points will define the worker's breathing zone. Level C personal protection, if implemented, will include full-face air-purifying respirators with dust and organic vapor cartridges (personal protective equipment will be7 described in greater detail in Section 7.0). All FPM personnel and contractors must be properly trained and fit tested prior to donning respirators.

Upon encountering PID levels greater than 20 ppm above background in the worker's breathing zone, work will stop until the source of vapors is abated and readings are less than 20 ppm above background. If, at any time, PID readings exceed steady-state levels greater than 50 ppm above background, or any conditions exist which the HSO determines will require Level B personal protective equipment, all work at the Site will cease immediately and all personnel will evacuate the work zone. Evacuation will occur in the upwind direction if discernable. Level B conditions are not anticipated to be encountered; however, if level B conditions arise, no Site work will be performed by FPM or contractors and a complete evaluation of the operation will be performed and this HASP will be modified.

All personnel who may directly contact soil or groundwater will be required to wear chemical-resistant gloves (such as butyl or nitrile) when the potential for dermal contact with the soil or groundwater is possible. Dermal contact with Site soil or groundwater will be avoided.

Hard hats and steel-toe, steel-shank safety boots will be required when work is performed in the vicinity of heavy equipment.

4.2 Other Safety Considerations

4.2.1 Noise

During sampling activities, operation of a direct push rig, or any other operation which may generate potentially harmful levels of noise, the HSO will monitor noise levels with a Realistic[tm] hand-held sound level meter. Noise levels will be monitored in decibels (dBs) in the A-weighted, slow-response mode. Noise level readings that exceed the 29 CFR 1910.95 permissible noise exposure limits will require hearing protection (see Table 4.2.1.1 for permissible noise exposures).

Hearing protection will be available to all Site workers. The hearing protection will consist of foam, expansion-fit earplugs (or other approvable hearing protection) with an Environmental Protection Agency noise reduction rating of at least 29 dB. Hearing protection must alleviate worker exposure to noise to an eight-hour time-weighted average of 85 dB or below. In the event that the hearing protection is inadequate, work will cease until a higher level of hearing protection can be incorporated.

TABLE 4.2.1.1
PERMISSIBLE NOISE EXPOSURES*

Duration Per Day Hours	Sound Level dBA Slow Response
8	90
6	92
4	95
3	97
2	100
1.5	102
1	105
0.5	110
0.25	115

Notes:

When the daily noise exposure is composed of two or more periods of noise exposure of different levels, their combined effect should be considered, rather than the individual effect of each. If the sum of the following fractions: $C_1/T_1+C_2/T_2$ C_6/T_6 exceeds unity, then, the mixed exposure should be considered to exceed the limit value. Cn indicates the total time of exposure at a specified noise level, and Tn indicates the total time of exposure permitted at that level.

Exposure to impulsive or impact noise should not exceed 140 dB peak sound pressure level.

*Standards derived from 29 CFR 1910.95

4.2.2 Slip/Trip/Fall Preventative Measures

To reduce the potential for slipping, tripping, or falling, the work zone will be kept clear of unnecessary equipment. All Site workers will be required to wear work boots with adequate tread to reduce the potential for slipping (work boots must be leather or chemical-resistant and contain steel toes and steel shanks).

4.2.3 Insects and Ticks

Insect and tick problems are expected to be minimal. Potential insect problems include, but are not limited to, bees, wasps, and hornets. Prior to commencement of work, each work area will be surveyed for nests and hives to reduce the possibility of disturbing these insects. In addition, each Site worker will be asked to disclose any allergies related to insect stings or bites. The worker will be requested to keep his or her anti-allergy medicine on Site.

Tick species native to Long Island consist of the pinhead-sized deer tick and the much-larger dog tick. Ticks are not anticipated at the Site due to the paucity of suitable habitat.

4.2.4 Heat/Cold Stress

Heat stress may become a concern, especially if protective clothing is donned that will decrease natural ventilation. To assist in reducing heat stress the following measures will be taken:

- An adequate supply of water or other liquids will be brought on Site. To prevent dehydration, personnel will be encouraged to drink generous amounts of water even if not thirsty.

- A shady rest area will be designated to provide shelter during sunny days.

- In hot weather, workers wearing protective clothing may be rotated.

When the temperature is over 70 degrees Fahrenheit and personnel are wearing protective clothing, heat stress monitoring may be implemented as follows:

- Heart rate may be measured by counting the radial pulse for 30 seconds at the beginning of the rest period. The heart rate should not exceed 110 beats per minute. If the rate is higher, the next work period will be shortened by ten minutes (or 33%). If the pulse rate is 100 beats per minute at the beginning of the next rest period, the following work cycle will be shortened by 33%. The HSO will decide on the length of work periods and rest periods based on Site conditions.

- Body temperature may be measured, if deemed necessary, at the beginning of the rest period. Oral temperature should not exceed 99 degrees Fahrenheit. If it does, the next work period will be shortened by ten minutes (or 33%). However, if the oral temperature exceeds 99.7 degrees Fahrenheit at the beginning of the next period, the following work cycle will be further shortened by 33%. Work will not re-commence until by temperature has dropped below 99 degrees Fahrenheit.

Indications of heat stress range from mild (fatigue, irritability, anxiety, decreased concentration, dexterity or movement) to fatal. Medical help will be obtained for serious conditions. Heat-related problems are:

- Heat rash: caused by continuous exposure to heat and humid air and aggravated by chafing clothes. Decreases ability to tolerate heat as well as being a nuisance.

- Heat cramps: caused by profuse perspiration with inadequate fluid intake and chemical replacement (especially salts). Signs: muscle spasm and pain in the extremities and abdomen.

- Heat exhaustion: caused by increased stress on various organs to meet increased demands to cool the body. Signs: shallow breathing; pale, cool, moist skin; profuse sweating; dizziness and lassitude.

- Heat stroke: the most severe form of heat stress. Can be fatal. Medical help must be obtained immediately. Body must be cooled immediately to prevent severe injury and/or death. Signs: red, hot, dry skin; no perspiration; nausea; dizziness and confusion; strong, rapid pulse; coma.

Cold exposure is a concern if work is conducted during cold weather or marginally cold weather during precipitation periods or moderate to high wind velocity periods. To assist in reducing cold exposure the following measures will be taken:

- All personnel will be required to wear adequate and appropriate clothing. This will include head gear to prevent the high percentage loss of heat that occurs in this area (thermal liners for hard hats if hard hats are required).

- Provide a readily available warm shelter near each work zone.

- Carefully schedule work and rest periods to account for the current temperature and wind velocity conditions.

- Monitor work patterns and physical condition of workers and rotate personnel, as necessary.

Indications of cold exposure range from shivering, dizziness, numbness, confusion, weakness, impaired judgment, impaired vision to drowsiness. Medical help will be obtained for serious conditions if they occur. Cold exposure-related problems are:

- Frost bite: Ice crystal formation in body tissues. The restricted blood flow to the injured part results in local tissue destruction.

- Hypothermia: Severe exposure to cold temperature resulting in the body losing heat at a rate faster than the body can generate heat. The stages of hypothermia are shivering, apathy, loss of consciousness, decreasing pulse rate and breathing rate and death.

4.2.5 Potential Electrical Hazards

Potential electric hazards consist primarily of underground and overhead power lines. Potential underground electrical hazards will be minimized by having a utility markout performed for both onsite and offsite activities. In addition, available as-built Site blueprints will be used to avoid contact with subsurface utility lines or structures. Overhead electrical hazards will be evaluated by visually observing the work location prior to performing operations which have the potential to contact overhead utilities. No work shall be performed in close proximity to overhead utilities.

4.2.6 The Buddy System

All activities in contaminated or potentially contaminated areas will be conducted by pairing off the Site workers in groups of two (or three if necessary). Each person (buddy) will be able to:

- Provide his or her partner with assistance.
- Observe his or her partner for signs of chemical or heat exposure.
- Periodically check the integrity of his or her partner's protective clothing.
- Notify the HSO or others if emergency help is needed.

The buddy system will be instituted at the beginning of each workday. If new workers arrive on Site, a buddy will be chosen prior to the new worker entering the work zone.

4.2.7 Site Communications

Two sets of communication systems will be established at the Site: internal communication among personnel on-Site, and external communication between on-Site and off-Site personnel.

Internal communication will be used to:

- Alert team members to emergencies.
- Pass along safety information such as heat stress check, protective clothing check, etc.
- Communicate changes in the work to be accomplished.
- Maintain Site control.

Due to ambient noise, verbal communications may be difficult at times. The HSO will carry a whistle (and compressed air horn if respirators are donned) to signal Site workers. A single whistle blast will be the signal to immediately evacuate the work zone through the access control point. This signal will be discussed with all Site workers prior to commencement of work.

An external communication system between on-Site and off-Site personnel will be established to:

- Coordinate emergency response
- Report to the Project Manager
- Maintain contact with essential off-Site personnel

A field telephone will be available at all times in the HSO's vehicle. In addition, the nearest alternate phone will be identified prior to the commencement of Site operations and this location will be relayed to all Site workers.

4.2.8 General Safe Work Practices

Standing orders applicable during Site operations are as follows:

- No smoking, eating, drinking, or application of cosmetics in the work zone.
- No matches or lighters in the work zone.
- All Site workers will enter/exit work zone through the Site access point.
- Any signs of unusual conditions will require reporting the information to the HSO, who will take appropriate action.
- Loose fitting clothing or loose long hair will be prohibited in the work zone during direct push or concrete coring operations.
- A signal person will direct the backing of work vehicles.
- Equipment operators will be instructed to check equipment for abnormalities such as oozing liquids, frayed cables, unusual odors, etc.

SECTION 5.0
PERSONNEL TRAINING REQUIREMENTS

All FPM personnel and contractor personnel will receive adequate training prior to entering the Site. FPM and contractor's personnel will, at a minimum, have completed OSHA-approved, 40-hour hazardous materials Site safety training and OSHA-approved, eight-hour safety refresher course within one year prior to commencing field work. The HSO will have received the OSHA-approved, eight-hour course on managing hazardous waste operations. In addition, each worker must have a minimum of three days field experience under the direct supervision of a trained, experienced supervisor.

Prior to Site fieldwork, the HSO will conduct an in-house review of the project with respect to health and safety with all FPM personnel who will be involved with fieldwork at the Site. The review will include discussions of signs and symptoms of chemical exposure and heat/cold stress that indicate potential medical emergencies presented in Table 5.1. In addition, review of personal protective equipment will be conducted to include the proper use of air-purifying respirators.

Persons receiving the project review/HASP training will sign the HASP acknowledgement form included at the end of this section. The completed form will serve as documentation of the project review/HASP training.

TABLE 5.1
SIGNS AND SYMPTOMS OF EXPOSURE TO CHEMICALS

Type of Hazard	Signs and Symptoms	
Chemical Hazard	Behavioral changes Breathing difficulties Changes in complexion of skin color Confusion Coordination difficulties Coughing Depression Dermatitis Dilated Pupils Dizziness Euphoria Fatigue and/or weakness Flushed face and/or neck Insomnia Irregular heartbeat Irritability	Irritation of eyes, nose, respiratory tract, skin or throat Headache Lacrimation Light-Headedness Muscle Fatigue Nausea Nervousness Numbness in limbs Paresthesia Sleepiness Tingling Tremors Vertigo Visual disturbance Vomiting
Heat Exhaustion	Clammy skin Confusion Dizziness Fainting Fatigue Heat rash	Light-headedness Nausea Profuse sweating Slurred speech Weak pulse
Heat Stroke (may be fatal)	Confusion Convulsions Hot skin, high temperature (yet may feel chilled) Incoherent speech	Staggering gait Sweating stops (yet residual sweat may be present) Unconsciousness

SITE WORKER
HEALTH AND SAFETY TRAINING ACKNOWLEDGMENT

I have read this Health and Safety Plan (HASP) and received training for the Phase II investigation at the East 126th Street, New York, NY Site (the Site) and I have reviewed and understand the potential hazards and the precautions/contingencies of each potential hazard.

I agree to abide by the stipulations of this HASP and further agree to hold FPM Group harmless from, and indemnify against, any accidents which may occur as a result of activities at the Site, regardless of whether or not they were covered in the HASP.

Name: _____ Representing:_____

Sign: _____ Date:_____

Name: _____ Representing:_____

Sign: _____ Date:_____

Name: _____ Representing:_____

Sign: _____ Date:_____

Name: _____ Representing:_____

Sign: _____ Date:_____

Name: _____ Representing:_____

Sign: _____ Date:_____

SECTION 6.0
MEDICAL SURVEILLANCE PROGRAM

All workers at the Site must participate in a medical surveillance program in accordance with 29 CFR 1910.120. A medical examination and consultation must have been performed within the last twelve months to be eligible for fieldwork.

The content of the examination and consultation will include a medical and work history with special emphasis on symptoms related to the handling of hazardous substances, health hazards, and fitness for duty including the ability to wear required personal protective equipment under conditions (i.e., temperature extremes) that may be expected at the work Site. All medical examinations and procedures shall be performed by, or under the supervision of, a licensed physician.

The physician shall furnish a written opinion containing:

- The results of the medical examination and tests.
- The physician's opinion as to whether the employee has any detected medical conditions that would place the worker at increased risk of material impairment of the employee's health from work in hazardous waste operations.
- The physician's recommended limitations upon the worker assigned to the work.
- A statement that the worker has been informed by the physician of the results of the medical examination and any further examination or treatment.

An accurate record of the medical surveillance will be retained. The record will consist of at least the following information:

- The name and social security number of the employee.
- Physician's written opinions, recommended limitations, and results of examinations and tests.
- Any worker medical complaints related to exposure to hazardous substances.

SECTION 7.0
PERSONAL PROTECTIVE EQUIPMENT

7.1 General Considerations

The two basic objectives of the personal protective equipment (PPE) are to protect the wearer from safety and health hazards, and to prevent the wearer from incorrect use and/or malfunction of the PPE.

Potential Site hazards were discussed previously in Section 4.0. The duration of Site activities is estimated to be approximately four weeks. All work is expected to be performed during daylight hours and workdays, in general, are expected to be eight hours in duration.

Personal protection levels for the Site activities, based on investigations of nearby properties, are anticipated to be Level D with the unlikely possibility of upgrading to Level C. The equipment included for each level of protection is provided as follows:

Level C Protection

Personnel protective equipment:

- Air-purifying respirator, full-face, equipped with dust and organic vapor cartridges.
- Chemical-resistant clothing includes: Tyvek^{tm} (spunbonded olefin fibers) for particulate and limited splash protection or Saranex^{tm} (plastic film-laminated Tyvek) for permeation resistance to solvents.
- Coveralls*, or
- Long cotton underwear*
- Gloves (outer), chemical-resistant
- Gloves (inner), chemical-resistant
- Boots (outer), leather or chemical-resistant, steel toe and shank.
- Boot covers (outer), chemical-resistant (disposable)*
- Hard hat (face shield)*
- Escape mask*
- 2-way radio communications (intrinsically safe)*

(*) optional

Criteria for Selection of Level C Protection

Meeting all of these criteria permits use of Level C Protection:

- Oxygen concentrations are not less than 19.5% by volume.
- Measured air concentrations of identified substances will be reduced by the respirator below the substance's threshold limit value (TLV).
- Atmospheric contaminants, liquid splashes, or other direct contact will not adversely affect any body area left unprotected by chemical-resistant clothing.
- Job functions do not require self-contained breathing apparatus.
- Direct readings are below 50 ppm on the PID.

Level D Protection

Personnel protective equipment:

- Coveralls
- Gloves*
- Boots/shoes, leather or chemical-resistant, steel toe and shank.
- Safety glasses or chemical splash goggles*
- Hard hat (face shield*)
- Escape mask*

(*) optional

Criteria for Selection of Level D Protection

Meeting any of these criteria allows use of Level D Protection:

- No contaminant levels above 5 ppm organic vapors or dusty conditions are present.
- Work functions preclude splashes, immersion, or the reasonable potential for unexpected inhalation of any chemicals above the TLV.

Additional Considerations for Selecting Levels of Protection

Other factors which will be considered in selecting the appropriate level of protection are heat and physical stress. The use of protective clothing and respirators increases physical stress, in particular, heat stress on the wearer. Chemical protective clothing greatly reduces natural ventilation and diminishes the body's ability to regulate its temperature. Even in moderate ambient temperatures, the diminished capacity of the body to dissipate heat can result in one or more heat-related problems.

All chemical protective garments can be a contributing factor to heat stress. Greater susceptibility to heat stress occurs when protective clothing requires the use of a tightly fitted hood against the respirator face piece, or when gloves or boots are taped to the suit. As more body area is covered, less cooling takes place, increasing the probability of heat stress.

Wearing protective equipment also increases the risk of accidents. It is heavy, cumbersome, decreases dexterity, agility, interferes with vision, and is fatiguing to wear. These factors all increase physical stress and the potential for accidents. In particular, the necessity of selecting a level of protection will be balanced against the increased probability of heat stress and accidents.

7.2 Donning and Doffing Ensembles

Donning an Ensemble

A routine will be established and practiced periodically for donning a Level C ensemble. Assistance may be provided for donning and doffing since these operations are difficult to perform alone. Donning will be completed in the decontamination zone.

Table 7.2.1 lists sample procedures for donning a Level C ensemble. These procedures should be modified depending on the particular type of suit and/or when extra gloves and/or boots are used.

Doffing an Ensemble

Exact procedures for removing Level C ensembles must be established and followed to prevent contaminant migration from the work area and transfer of contaminants to the wearer's body, the doffing assistant, and others. Doffing will be completed in the decontamination zone.

Doffing procedures are provided in Table 7.2.2. These procedures should be performed only after decontamination of the suited worker. They require a suitably attired assistant. Throughout the procedures, both worker and assistant should avoid any direct contact with the outside surface of the suit.

7.3 Respirator Fit Testing

The fit or integrity of the facepiece-to-face seal of a respirator affects its performance. Most facepieces fit only a certain percentage of the population; thus each facepiece must be tested on the potential wearer in order to ensure a tight seal. Facial features such as scars, hollow temples, very prominent cheekbones, deep skin creases, dentures or missing teeth, and the chewing of gum and tobacco may interfere with the respirator-to-face seal. Facial hair in the seal area may also interfere with the respirator-to-face seal and should be removed prior to entry into the work zone. A respirator shall not be worn when such conditions prevent a good seal. The worker's diligence in observing these factors shall be evaluated by periodic checks. Fit testing will comply with 29 CFR 1910.1025 regulations.

TABLE 7.2.1
SAMPLE DONNING PROCEDURES

1. Inspect the clothing and respiratory equipment before donning (see Inspection in subsection 7.4).

2. Adjust hard hat or headpiece if worn, to fit user's head.

3. Standing or sitting, step into the legs of the suit; ensure proper placement of the feet within the suit; then gather the suit around the waist.

4. Put on chemical-resistant safety boots over the feet of the suit. Tape the leg cuff over the tops of the boots.

5. Don the respirator and adjust it to be secure, but comfortable.

6. Perform negative and positive respirator facepiece seal test procedures.

    - To conduct a negative-pressure test, close the inlet part with the palm of the hand or squeeze the breathing tube so it does not pass air, and gently inhale for about 10 seconds. Any inward rushing of air indicates a poor fit. Note that a leaking facepiece may be drawn tightly to the face to form a good seal, giving a false indication of adequate fit.

    - To conduct a positive-pressure test, gently exhale while covering the exhalation valve to ensure that a positive pressure can be built up. Failure to build a positive pressure indicates a poor fit.

7. Depending on type of suit:

    - Put on inner gloves (surgical gloves).

    - Additional overgloves, worn over attached suit gloves, may be donned later.

8. Put on hard hat

9. Have assistant observe the wearer for a period of time to ensure that the wearer is comfortable, psychologically stable, and that the equipment is functioning properly.

TABLE 7.2.2
DOFFING PROCEDURES

1. Remove any extraneous or disposable clothing, boot covers, outer gloves, and tape.

2. Remove respirator by loosening straps and pulling straps over the top of the head and move mask away from head. Do not pull mask over the top of the head.

3. Remove arms, one at a time, from suit, avoiding any contact between the outside surface of the suit and wearer's body and lay the suit out flat behind the wearer. Leave internal gloves on, if any.

4. Sitting, if possible, remove both legs from the suit.

5. After suit is removed, remove internal gloves by rolling them off the hand, inside out.

7.4 Inspection

The PPE inspection program will entail five different inspections:

- Inspection and operational testing of equipment received from the factory or distributor.
- Inspection of equipment as it is issued to workers.
- Inspection after use.
- Periodic inspection of stored equipment.
- Periodic inspection when a question arises concerning the appropriateness of the selected equipment, or when problems with similar equipment arise.

The inspection checklist is provided in Table 7.4.1. Records will be kept of all inspection procedures. Individual identification numbers will be assigned to all reusable pieces of equipment and records should be maintained by that number. At a minimum, each inspection should record the ID number, date, inspector, and any unusual conditions or findings. Periodic review of these records may indicate an item or type of item with excessive maintenance costs or a particularly high level of down-time.

7.5 Storage

Clothing and respirators will be stored properly to prevent damage or malfunction due to exposure to dust, moisture, sunlight, damaging chemicals, extreme temperatures, and impact. Storage procedures are as follows:

TABLE 7.4.1
PPE INSPECTION CHECKLIST

CLOTHING

Before use:

- Determine that the clothing material is correct for the specified task at hand.
- Visually inspect for:
  - imperfect seams
  - non-uniform coatings
  - tears
  - malfunctioning closures
- Hold up to light and check for pinholes.
- Flex product:
  - observe for cracks or other signs of shelf deterioration
- If the product has been used previously, inspect inside and out for signs of chemical attack:
  - discoloration, swelling, stiffness

During the work task, periodically inspect for:

- Evidence of chemical attack such as discoloration, swelling, stiffening, and softening. Keep in mind, however, that chemical permeation can occur without any visible effects.
- Closure failure
- Tears
- Punctures
- Seam discontinuities

GLOVES

Before use:

- Pressurize glove to check for pinholes. Either blow into glove, then roll gauntlet toward fingers or inflate glove and hold under water. In either case, no air should escape.

AIR-PURIFYING RESPIRATORS

- Inspect air-purifying respirators:
  - before each use to be sure they have been adequately cleaned
- Check material conditions for:
  - signs of pliability, deterioration, distortion
- Examine cartridges to ensure that:
  - they are the proper type for the intended use
  - the expiration date has not been passed
  - they have not been opened or used previously
- Check faceshields and lenses for:
  - cracks, crazing, fogginess
- Air purifying respirators will be stored individually in resealable plastic bags.

Clothing:

- Potentially contaminated clothing will be stored in an area separate from street clothing.
- Potentially contaminated clothing will be stored in a well-ventilated area, with good air flow around each item, if possible.
- Different types and material of clothing and gloves will be stored separately to prevent issuing the wrong material by mistake.
- Protective clothing will be folded or hung in accordance with manufacturer's recommendations.

Respirators:

- Air-purifying respirators should be dismantled, washed, and placed in sealed plastic bags.

7.6 Maintenance

Specialized maintenance will be performed only by the factory or an authorized repair person. Routine maintenance, such as cleaning, will be performed by the personnel to whom the equipment is assigned. Respirators will be cleaned at the end of each day with alcohol pads or, preferably, by washing with warm soapy water.

7.7 Decontamination Methods

All personnel, clothing, equipment, and samples leaving the (potentially) contaminated, or work zone, area of the Site must be decontaminated to remove any harmful chemicals or infectious organisms that may have adhered to them. Decontamination methods either (1) physically remove contaminants (2) inactivate contaminants by chemical detoxification or disinfection/sterilization, or (3) remove contaminants by a combination of both physical and chemical means. In many cases, gross contamination can be removed by physical means involving dislodging/displacement, rinsing, wiping off, and evaporation. Contaminants that can be removed by physical means include dust, vapors, and volatile liquids. All reusable equipment will be decontaminated by rinsing in a bath of detergent and water (respirators, gloves to be reused). Monitoring equipment will be decontaminated by wiping with paper towels and water.

The effectiveness of the decontamination will be evaluated near the beginning of Site activities and will be modified if determined to be ineffective. Visual observation will be used for this purpose. The HSO will inspect decontaminated materials for discoloration, stains, corrosive effects, visible dirt, or other signs of possible residual contamination.

All disposable PPE will be discarded following use. All used PPE to be discarded will be placed in an appropriate receptacle for disposal.

SECTION 8.0
DECONTAMINATION PROCEDURES FOR SAMPLING EQUIPMENT

All non-dedicated sampling equipment shall be decontaminated prior to, and following, use at each sampling location. Decontamination procedures shall consist of the following:

1. Scrub equipment in a bath of low-phosphate detergent and potable water.

2. Potable water rinse.

3. Air dry.

4. Aluminum foil wrap, shiny side out, for transport.

Personal protective equipment decontamination has been discussed in Subsection 7.7.

All direct-push equipment and other equipment which has contacted Site soil, groundwater, or soil vapor will be decontaminated prior to leaving the Site. Decontamination of this equipment will consist of physically removing adhering soil using hand tools followed by rinsing the equipment with potable water. Decontamination will be performed in the immediate vicinity of the work area so that the removed soil and rinseate will be discharged in the area from which it originated.

SECTION 9.0
CALIBRATION PROCEDURES, FREQUENCIES, AND MAINTENANCE

This section summarizes the calibration procedures, frequencies, and maintenance for the health and safety field monitoring instruments. The manufacturer's owner's manuals for all monitoring equipment to be used will be present at the Site and will be followed.

The monitoring equipment will include a photoionization detector (PID) which measures the concentration of airborne ionizable gases and vapors. The PID does not distinguish between individual compounds and will not read methane. The PID calibration will be performed using ambient air to "zero" the instrument and a 95 to 100 ppm cylinder of isobutylene to calibrate the span. The calibration will be performed in accordance with the manufacturer's instructions.

Additional monitoring instruments may include a dust monitor, a noise monitor, and other equipment, as necessary. All instruments will be calibrated prior to the commencement of each day's work in accordance with the manufacturer's instructions. The instruments will also be charged overnight prior to each day's work. Maintenance will be performed periodically as needed and in accordance with the manufacturer's instructions.

SECTION 10.0
EMERGENCY RESPONSE PLAN

This section will present the Emergency Response Plan (ERP) for the Site. Pre-emergency planning will consist of reviewing the ERP with all workers at the Site prior to initiation of work.

Personnel Roles

It is anticipated that during sampling activities at the Site several persons, including the HSO and contractor personnel, will be onsite. Should an emergency situation arise at the Site, the HSO will assume control and decision-making. The HSO will also resolve all disputes concerning health and safety requirements and precautions. The HSO will also:

- Be authorized to seek and purchase supplies as necessary.
- Have control over activities of everyone entering the Site.

The HSO will communicate, by field telephone or other, with off-Site personnel to include the Project Manager to evaluate data and assist in the decision-making process. Phone numbers for the fire department, police, ambulance, poison control center, NYS Spills Hotlines, are listed in Table 1.2.1 of this document. The hospital which will be utilized during an emergency will be Mount Sinai Hospital Queens in Long Island City. The directions to the hospital, along with the hospital's emergency room phone number are presented in Table 1.2.1. Copies of Table 1.2.1 will be available at the Site and will be placed in all vehicles of personnel involved in activities at the Site.

Internal communications will consist of a single whistle (or compressed air horn if Level C is donned) blast. This blast will signal all workers to evacuate the work zone by the nearest exit.

Response Follow-Up

Following an emergency, or incident, a detailed report will be generated by the HSO. All equipment will be restored to pre-emergency conditions. The HASP will be reviewed following an emergency to determine if it provides adequate information to assist in dealing with the emergency. The HASP may be revised to incorporate additional information as needed.

Emergency Recognition and Prevention

Before daily work assignments begin, each day a brief on-Site meeting will be held by the HSO which will address health and safety issues related to the day's work. Prior to initiation of work, a detailed on-Site health and safety meeting will be held to review all potential hazards, contingencies, and safety measures.

Safe Distances and Places of Refuge

The main potential cause of work zone evacuation is a significant vapor release. Vapor release evacuation will be discussed prior to subsurface activities at the Site and in general will be in the upwind direction. Wind direction will be monitored at each work location and all workers will be notified of the direction of evacuation prior to commencement of work. Safe distances will be discussed at each location and determined by the HSO. The PID will be used to determine if workers have evacuated a

sufficient distance.

At all times, vehicles which may be utilized in an emergency for transport to the hospital (or other destination) will have clear access to leave the Site. The HSO will assure that an emergency vehicle does not become blocked-in by other vehicles.

Site Security and Control

The HSO will control entry of personnel into the work zone. No unnecessary persons shall be permitted in the work zone.

Decontamination Procedures During Emergencies

In the event of a medical emergency, decontamination will be performed if it does not interfere with essential treatment. Decontamination will be performed by washing, rinsing, and/or cutting off protective clothing and equipment.

If decontamination cannot be performed, the victim will be wrapped in plastic to reduce contamination to other personnel. Emergency and off-Site medical personnel will be alerted to the potential contamination.

Emergency Medical Treatment and First Aid

Medical emergencies will be treated, in general, by medical experts by transporting the victim to the nearby hospital. A first aid kit will be present on Site for minor medical treatment.

APPENDIX A

MATERIAL SAFETY DATA SHEETS

MATERIAL SAFETY DATA SHEET

Gasoline, All Grades **MSDS No. 9950**

EMERGENCY OVERVIEW
DANGER!
EXTREMELY FLAMMABLE - EYE AND MUCOUS MEMBRANE IRRITANT - EFFECTS CENTRAL NERVOUS SYSTEM - HARMFUL OR FATAL IF SWALLOWED - ASPIRATION HAZARD

NFPA 704 (Section 16)

High fire hazard. Keep away from heat, spark, open flame, and other ignition sources.

If ingested, do NOT induce vomiting, as this may cause chemical pneumonia (fluid in the lungs). Contact may cause eye, skin and mucous membrane irritation. Harmful if absorbed through the skin. Avoid prolonged breathing of vapors or mists. Inhalation may cause irritation, anesthetic effects (dizziness, nausea, headache, intoxication), and respiratory system effects.

Long-term exposure may cause effects to specific organs, such as to the liver, kidneys, blood, nervous system, and skin. Contains benzene, which can cause blood disease, including anemia and leukemia.

1. CHEMICAL PRODUCT and COMPANY INFORMATION

Hess Corporation
1 Hess Plaza
Woodbridge, NJ 07095-0961

EMERGENCY TELEPHONE NUMBER (24 hrs): **CHEMTREC (800)424-9300**
COMPANY CONTACT (business hours): Corporate Safety (732)750-6000
MSDS (Environment, Health, Safety) Internet Website www.hess.com

SYNONYMS: Hess Conventional (Oxygenated and Non-oxygenated) Gasoline; Reformulated Gasoline (RFG); Reformulated Gasoline Blendstock for Oxygenate Blending (RBOB); Unleaded Motor or Automotive Gasoline

See Section 16 for abbreviations and acronyms.

2. COMPOSITION and INFORMATION ON INGREDIENTS *

INGREDIENT NAME (CAS No.)	CONCENTRATION PERCENT BY WEIGHT
Gasoline (86290-81-5)	100
Benzene (71-43-2)	0.1 - 4.9 (0.1 - 1.3 reformulated gasoline)
n-Butane (106-97-8)	< 10
Ethyl Alcohol (Ethanol) (64-17-5)	0 - 10
Ethyl benzene (100-41-4)	< 3
n-Hexane (110-54-3)	0.5 to 4
Methyl-tertiary butyl ether (MTBE) (1634-04-4)	0 to 15.0
Tertiary-amyl methyl ether (TAME) (994-05-8)	0 to 17.2
Toluene (108-88-3)	1 - 25
1,2,4- Trimethylbenzene (95-63-6)	< 6
Xylene, mixed isomers (1330-20-7)	1 - 15

A complex blend of petroleum-derived normal and branched-chain alkane, cycloalkane, alkene, and aromatic hydrocarbons. May contain antioxidant and multifunctional additives. Non-oxygenated Conventional Gasoline and RBOB do not have oxygenates (Ethanol or MTBE and/or TAME).

Oxygenated Conventional and Reformulated Gasoline will have oxygenates for octane enhancement or as legally required.

3. HAZARDS IDENTIFICATION

EYES
Moderate irritant. Contact with liquid or vapor may cause irritation.

SKIN
Practically non-toxic if absorbed following acute (single) exposure. May cause skin irritation with prolonged or repeated contact. Liquid may be absorbed through the skin in toxic amounts if large areas of skin are exposed repeatedly.

INGESTION
The major health threat of ingestion occurs from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure and even death.

Ingestion may cause gastrointestinal disturbances, including irritation, nausea, vomiting and diarrhea, and central nervous system (brain) effects similar to alcohol intoxication. In severe cases, tremors, convulsions, loss of consciousness, coma, respiratory arrest, and death may occur.

INHALATION
Excessive exposure may cause irritations to the nose, throat, lungs and respiratory tract. Central nervous system (brain) effects may include headache, dizziness, loss of balance and coordination, unconsciousness, coma, respiratory failure, and death.

WARNING: the burning of any hydrocarbon as a fuel in an area without adequate ventilation may result in hazardous levels of combustion products, including carbon monoxide, and inadequate oxygen levels, which may cause unconsciousness, suffocation, and death.

CHRONIC EFFECTS and CARCINOGENICITY
Contains benzene, a regulated human carcinogen. Benzene has the potential to cause anemia and other blood diseases, including leukemia, after repeated and prolonged exposure. Exposure to light hydrocarbons in the same boiling range as this product has been associated in animal studies with systemic toxicity. See also Section 11 - Toxicological Information.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Irritation from skin exposure may aggravate existing open wounds, skin disorders, and dermatitis (rash). Chronic respiratory disease, liver or kidney dysfunction, or pre-existing central nervous system disorders may be aggravated by exposure.

4. FIRST AID MEASURES

EYES
In case of contact with eyes, immediately flush with clean, low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

SKIN
Remove contaminated clothing. Wash contaminated areas thoroughly with soap and water or waterless hand cleanser. Obtain medical attention if irritation or redness develops.

INGESTION

DO NOT INDUCE VOMITING. Do not give liquids. Obtain immediate medical attention. If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Small amounts of material which enter the mouth should be rinsed out until the taste is dissipated.

INHALATION
Remove person to fresh air. If person is not breathing, ensure an open airway and provide artificial respiration. If necessary, provide additional oxygen once breathing is restored if trained to do so. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT:	-45 ^{o}F (-43^{o}C)
AUTOIGNITION TEMPERATURE:	highly variable; > 530 ^{o}F (>280 ^{o}C)
OSHA/NFPA FLAMMABILITY CLASS:	1A (flammable liquid)
LOWER EXPLOSIVE LIMIT (%):	1.4%
UPPER EXPLOSIVE LIMIT (%):	7.6%

FIRE AND EXPLOSION HAZARDS
Vapors may be ignited rapidly when exposed to heat, spark, open flame or other source of ignition. Flowing product may be ignited by self-generated static electricity. When mixed with air and exposed to an ignition source, flammable vapors can burn in the open or explode in confined spaces. Being heavier than air, vapors may travel long distances to an ignition source and flash back. Runoff to sewer may cause fire or explosion hazard.

EXTINGUISHING MEDIA
SMALL FIRES: Any extinguisher suitable for Class B fires, dry chemical, CO2, water spray, fire fighting foam, or Halon.

LARGE FIRES: Water spray, fog or fire fighting foam. Water may be ineffective for fighting the fire, but may be used to cool fire-exposed containers.

During certain times of the year and/or in certain geographical locations, gasoline may contain MTBE and/or TAME. Firefighting foam suitable for polar solvents is recommended for fuel with greater than 10% oxygenate concentration - refer to NFPA 11 “Low Expansion Foam - 1994 Edition.”

FIRE FIGHTING INSTRUCTIONS
Small fires in the incipient (beginning) stage may typically be extinguished using handheld portable fire extinguishers and other fire fighting equipment.

Firefighting activities that may result in potential exposure to high heat, smoke or toxic by-products of combustion should require NIOSH/MSHA- approved pressure-demand self-contained breathing apparatus with full facepiece and full protective clothing.

Isolate area around container involved in fire. Cool tanks, shells, and containers exposed to fire and excessive heat with water. For massive fires the use of unmanned hose holders or monitor nozzles may be advantageous to further minimize personnel exposure. Major fires may require withdrawal, allowing the tank to burn. Large storage tank fires typically require specially trained personnel and equipment to extinguish the fire, often including the need for properly applied fire fighting foam.

See Section 16 for the NFPA 704 Hazard Rating.

6. ACCIDENTAL RELEASE MEASURES

ACTIVATE FACILITY SPILL CONTINGENCY or EMERGENCY PLAN.

Evacuate nonessential personnel and remove or secure all ignition sources. Consider wind direction; stay upwind and uphill, if possible. Evaluate the direction of product travel, diking, sewers, etc. to confirm spill areas. Spills may infiltrate subsurface soil and groundwater; professional assistance may be necessary to determine the extent of subsurface impact.

Carefully contain and stop the source of the spill, if safe to do so. Protect bodies of water by diking, absorbents, or absorbent boom, if possible. Do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material. The use of fire fighting foam may be useful in certain situations to reduce vapors. The proper use of water spray may effectively disperse product vapors or the liquid itself, preventing contact with ignition sources or areas/equipment that require protection.

Take up with sand or other oil absorbing materials. Carefully shovel, scoop or sweep up into a waste container for reclamation or disposal - caution, flammable vapors may accumulate in closed containers. Response and clean-up crews must be properly trained and must utilize proper protective equipment (see Section 8).

7. HANDLING and STORAGE

HANDLING PRECAUTIONS

******USE ONLY AS A MOTOR FUEL******
******DO NOT SIPHON BY MOUTH******

Handle as a flammable liquid. Keep away from heat, sparks, and open flame! Electrical equipment should be approved for classified area. Bond and ground containers during product transfer to reduce the possibility of static-initiated fire or explosion.

Special slow load procedures for "switch loading" must be followed to avoid the static ignition hazard that can exist when higher flash point material (such as fuel oil) is loaded into tanks previously containing low flash point products (such as this product) - see API Publication 2003, "Protection Against Ignitions Arising Out Of Static, Lightning and Stray Currents.

STORAGE PRECAUTIONS

Keep away from flame, sparks, excessive temperatures and open flame. Use approved vented containers. Keep containers closed and clearly labeled. Empty product containers or vessels may contain explosive vapors. Do not pressurize, cut, heat, weld or expose such containers to sources of ignition.

Store in a well-ventilated area. This storage area should comply with NFPA 30 "Flammable and Combustible Liquid Code". Avoid storage near incompatible materials. The cleaning of tanks previously containing this product should follow API Recommended Practice (RP) 2013 "Cleaning Mobile Tanks In Flammable and Combustible Liquid Service" and API RP 2015 "Cleaning Petroleum Storage Tanks".

WORK/HYGIENIC PRACTICES

Emergency eye wash capability should be available in the near proximity to operations presenting a potential splash exposure. Use good personal hygiene practices. Avoid repeated and/or prolonged skin exposure. Wash hands before eating, drinking, smoking, or using toilet facilities. Do not use as a cleaning solvent on the skin. Do not use solvents or harsh abrasive skin cleaners for washing this product from exposed skin areas. Waterless hand cleaners are effective. Promptly remove contaminated clothing and launder before reuse. Use care when laundering to prevent the formation of flammable vapors which could ignite via washer or dryer. Consider the need to discard contaminated leather shoes and gloves.

8. EXPOSURE CONTROLS and PERSONAL PROTECTION

EXPOSURE LIMITS

Component (CAS No.)	Source	TWA (ppm)	STEL (ppm)	Exposure Limits Note
Gasoline (86290-81-5)	ACGIH	300	500	A3
Benzene (71-43-2)	OSHA	1	5	Carcinogen
	ACGIH	0.5	2.5	A1, skin
	USCG	1	5	
n-Butane (106-97-8)	ACGIH	1000	--	Aliphatic Hydrocarbon Gases Alkane (C1-C4)
Ethyl Alcohol (ethanol) (64-17-5)	OSHA	1000	--	
	ACGIH	1000	--	A4
Ethyl benzene (100-41-4)	OSHA	100	--	
	ACGIH	100	125	A3
n-Hexane (110-54-3)	OSHA	500	--	
	ACGIH	50	--	Skin
Methyl-tertiary butyl ether [MTBE] (1634-04-4)	ACGIH	50		A3
Tertiary-amyl methyl ether [TAME] (994-05-8)				None established
Toluene (108-88-3)	OSHA	200		Ceiling: 300 ppm; Peak: 500 ppm (10 min.)
	ACGIH	20	--	A4
1,2,4- Trimethylbenzene (95-63-6)	ACGIH	25	--	
Xylene, mixed isomers (1330-20-7)	OSHA	100	--	
	ACGIH	100	150	A4

ENGINEERING CONTROLS

Use adequate ventilation to keep vapor concentrations of this product below occupational exposure and flammability limits, particularly in confined spaces.

EYE/FACE PROTECTION

Safety glasses or goggles are recommended where there is a possibility of splashing or spraying.

SKIN PROTECTION

Gloves constructed of nitrile or neoprene are recommended. Chemical protective clothing such as that made of of E.I. DuPont Tychem ®, products or equivalent is recommended based on degree of exposure.

Note: The resistance of specific material may vary from product to product as well as with degree of exposure. Consult manufacturer specifications for further information.

RESPIRATORY PROTECTION

A NIOSH-approved air-purifying respirator with organic vapor cartridges or canister may be permissible under certain circumstances where airborne concentrations are or may be expected to exceed exposure limits or for odor or irritation. Protection provided by air-purifying respirators is limited. Refer to OSHA 29 CFR 1910.134, NIOSH Respirator Decision Logic, and the manufacturer for additional guidance on respiratory protection selection and limitations.

Use a positive pressure, air-supplied respirator if there is a potential for uncontrolled release, exposure levels are not known, in oxygen-deficient atmospheres, or any other circumstance where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL and CHEMICAL PROPERTIES

APPEARANCE

A translucent, straw-colored or light yellow liquid

ODOR
A strong, characteristic aromatic hydrocarbon odor. Oxygenated gasoline with MTBE and/or TAME may have a sweet, ether-like odor and is detectable at a lower concentration than non-oxygenated gasoline.

ODOR THRESHOLD

	Odor Detection	Odor Recognition
Non-oxygenated gasoline:	0.5 - 0.6 ppm	0.8 - 1.1 ppm
Gasoline with 15% MTBE:	0.2 - 0.3 ppm	0.4 - 0.7 ppm
Gasoline with 15% TAME:	0.1 ppm	0.2 ppm

BASIC PHYSICAL PROPERTIES

BOILING RANGE:	85 to 437 ^{o}F (39 to 200 ^{o}C)
VAPOR PRESSURE:	6.4 - 15 RVP @ 100 ^{o}F (38 ^{o}C) (275-475 mm Hg @ 68 ^{o}F (20 ^{o}C)
VAPOR DENSITY (air = 1):	AP 3 to 4
SPECIFIC GRAVITY (H_2O = 1):	0.70 – 0.78
EVAPORATION RATE:	10-11 (n-butyl acetate = 1)
PERCENT VOLATILES:	100 %
SOLUBILITY (H_2O):	Non-oxygenated gasoline - negligible (< 0.1% @ 77 ^{o}F). Gasoline with 15% MTBE - slight (0.1 - 3% @ 77 ^{o}F); ethanol is readily soluble in water

10. STABILITY and REACTIVITY)

STABILITY: Stable. Hazardous polymerization will not occur.

CONDITIONS TO AVOID
Avoid high temperatures, open flames, sparks, welding, smoking and other ignition sources

INCOMPATIBLE MATERIALS
Keep away from strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS
Carbon monoxide, carbon dioxide and non-combusted hydrocarbons (smoke). Contact with nitric and sulfuric acids will form nitrocresols that can decompose violently.

11. TOXICOLOGICAL PROPERTIES

ACUTE TOXICITY
Acute Dermal LD50 (rabbits): > 5 ml/kg
Acute Oral LD50 (rat): 18.75 ml/kg
Primary dermal irritation (rabbits): slightly irritating
Draize eye irritation (rabbits): non-irritating
Guinea pig sensitization: negative

CHRONIC EFFECTS AND CARCINOGENICITY
Carcinogenicity: OSHA: NO IARC: YES - 2B NTP: NO ACGIH: YES (A3)

IARC has determined that gasoline and gasoline exhaust are possibly carcinogenic in humans. Inhalation exposure to completely vaporized unleaded gasoline caused kidney cancers in male rats and liver tumors in female mice. The U.S. EPA has determined that the male kidney tumors are species-specific and are irrelevant for human health risk assessment. The significance of the tumors seen in female mice is not known. Exposure to light hydrocarbons in the same boiling range as this product has been associated in animal studies with effects to the central and peripheral nervous systems, liver, and kidneys. The significance of these animal models to predict similar human response to gasoline is uncertain.

This product contains benzene. Human health studies indicate that prolonged and/or repeated overexposure to benzene may cause damage to the blood-forming system (particularly bone marrow), and serious blood disorders such as aplastic anemia and leukemia. Benzene is listed as a human carcinogen by the NTP, IARC, OSHA and ACGIH.

This product may contain methyl tertiary butyl ether (MTBE): animal and human health effects studies indicate that MTBE may cause eye, skin, and respiratory tract irritation, central nervous system depression and neurotoxicity. MTBE is classified as an animal carcinogen (A3) by the ACGIH.

12. ECOLOGICAL INFORMATION

Keep out of sewers, drainage areas and waterways. Report spills and releases, as applicable, under Federal and State regulations. If released, oxygenates such as ethers and alcohols will be expected to exhibit fairly high mobility in soil, and therefore may leach into groundwater. The API (www.api.org) provides a number of useful references addressing petroleum and oxygenate contamination of groundwater.

13. DISPOSAL CONSIDERATIONS

Consult federal, state and local waste regulations to determine appropriate disposal options.

14. TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME:	Gasoline
DOT HAZARD CLASS and PACKING GROUP:	3, PG II
DOT IDENTIFICATION NUMBER:	UN 1203
DOT SHIPPING LABEL:	FLAMMABLE LIQUID

PLACARD:

15. REGULATORY INFORMATION

U.S. FEDERAL, STATE, and LOCAL REGULATORY INFORMATION

This product and its constituents listed herein are on the EPA TSCA Inventory. Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and/or local reporting requirements. This product and/or its constituents may also be subject to other federal, state, or local regulations; consult those regulations applicable to your facility/operation.

CLEAN WATER ACT (OIL SPILLS)

Any spill or release of this product to "navigable waters" (essentially any surface water, including certain wetlands) or adjoining shorelines sufficient to cause a visible sheen or deposit of a sludge or emulsion must be reported immediately to the National Response Center (1-800-424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies as required.

CERCLA SECTION 103 and SARA SECTION 304 (RELEASE TO THE ENVIRONMENT)

The CERCLA definition of hazardous substances contains a “petroleum exclusion” clause which exempts crude oil, refined, and unrefined petroleum products and any indigenous components of such. However, other federal reporting requirements (e.g., SARA Section 304 as well as the Clean Water Act if the spill occurs on navigable waters) may still apply.

SARA SECTION 311/312 - HAZARD CLASSES

ACUTE HEALTH	CHRONIC HEALTH	FIRE	SUDDEN RELEASE OF PRESSURE	REACTIVE
X	X	X	--	--

SARA SECTION 313 - SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372:

INGREDIENT NAME (CAS NUMBER)	CONCENTRATION WT. PERCENT
Benzene (71-43-2)	0.1 to 4.9 (0.1 to 1.3 for reformulated gasoline)
Ethyl benzene (100-41-4)	< 3

n-Hexane (110-54-3)	0.5 to 4
Methyl-tertiary butyl ether (MTBE) (1634-04-4)	0 to 15.0
Toluene (108-88-3)	1 to 15
1,2,4- Trimethylbenzene (95-63-6)	< 6
Xylene, mixed isomers (1330-20-7)	1 to 15

US EPA guidance documents (www.epa.gov/tri) for reporting Persistent Bioaccumulating Toxics (PBTs) indicate this product may contain the following deminimis levels of toxic chemicals subject to Section 313 reporting:

INGREDIENT NAME (CAS NUMBER)	CONCENTRATION - Parts per million (ppm) by weight
Polycyclic aromatic compounds (PACs)	17
Benzo (g,h,i) perylene (191-24-2)	2.55
Lead (7439-92-1)	0.079

CALIFORNIA PROPOSITION 65 LIST OF CHEMICALS

This product contains the following chemicals that are included on the Proposition 65 "List of Chemicals" required by the California Safe Drinking Water and Toxic Enforcement Act of 1986:

INGREDIENT NAME (CAS NUMBER)	Date Listed
Benzene	2/27/1987
Ethyl benzene	6/11/2004
Toluene	1/1/1991

CANADIAN REGULATORY INFORMATION (WHMIS)

Class B, Division 2 (Flammable Liquid)
Class D, Division 2A (Very toxic by other means) and Class D, Division 2B (Toxic by other means)

16. OTHER INFORMATION

NFPA® HAZARD RATING	HEALTH:	1	Slight
	FIRE:	3	Serious
	REACTIVITY:	0	Minimal
HMIS® HAZARD RATING	HEALTH:	1 *	Slight
	FIRE:	3	Serious
	PHYSICAL:	0	Minimal
			* CHRONIC

SUPERSEDES MSDS DATED: 07/01/06

ABBREVIATIONS:

AP = Approximately	< = Less than	> = Greater than
N/A = Not Applicable	N/D = Not Determined	ppm = parts per million

ACRONYMS:

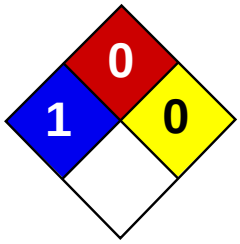
ACGIH	American Conference of Governmental Industrial Hygienists	CERCLA	Comprehensive Emergency Response, Compensation, and Liability Act
AIHA	American Industrial Hygiene Association	DOT	U.S. Department of Transportation [General Info: (800)467-4922]
ANSI	American National Standards Institute (212)642-4900	EPA	U.S. Environmental Protection Agency
API	American Petroleum Institute (202)682-8000	HMIS	Hazardous Materials Information System

IARC	International Agency For Research On Cancer	REL	Recommended Exposure Limit (NIOSH)
MSHA	Mine Safety and Health Administration	SARA	Superfund Amendments and Reauthorization Act of 1986 Title III
NFPA	National Fire Protection Association (617)770-3000	SCBA	Self-Contained Breathing Apparatus
NIOSH	National Institute of Occupational Safety and Health	SPCC	Spill Prevention, Control, and Countermeasures
NOIC	Notice of Intended Change (proposed change to ACGIH TLV)	STEL	Short-Term Exposure Limit (generally 15 minutes)
NTP	National Toxicology Program	TLV	Threshold Limit Value (ACGIH)
OPA	Oil Pollution Act of 1990	TSCA	Toxic Substances Control Act
OSHA	U.S. Occupational Safety & Health Administration	TWA	Time Weighted Average (8 hr.)
PEL	Permissible Exposure Limit (OSHA)	WEEL	Workplace Environmental Exposure Level (AIHA)
RCRA	Resource Conservation and Recovery Act	WHMIS	Workplace Hazardous Materials Information System (Canada)

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

Information presented herein has been compiled from sources considered to be dependable, and is accurate and reliable to the best of our knowledge and belief, but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material, even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in their use of the material.



Material Safety Data Sheet
Lead MSDS

Section 1: Chemical Product and Company Identification

Product Name: Lead

Catalog Codes: SLL1291, SLL1669, SLL1081, SLL1459, SLL1834

CAS#: 7439-92-1

RTECS: OF7525000

TSCA: TSCA 8(b) inventory: Lead

CI#: Not available.

Synonym: Lead Metal, granular; Lead Metal, foil; Lead Metal, sheet; Lead Metal, shot

Chemical Name: Lead

Chemical Formula: Pb

Contact Information:

Sciencelab.com, Inc.
14025 Smith Rd.
Houston, Texas 77396

US Sales: **1-800-901-7247**
International Sales: **1-281-441-4400**

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call: 1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Lead	7439-92-1	100

Toxicological Data on Ingredients: Lead LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:
Slightly hazardous in case of skin contact (permeator). CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available. The substance may be toxic to blood, kidneys, central nervous system (CNS). Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.

Skin Contact: Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops.

Serious Skin Contact: Not available.

Inhalation:
If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available.

Ingestion:
Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Some metallic oxides.

Fire Hazards in Presence of Various Substances: Non-flammable in presence of open flames and sparks, of shocks, of heat.

Explosion Hazards in Presence of Various Substances:
Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:
SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

Special Remarks on Fire Hazards: When heated to decomposition it emits highly toxic fumes of lead.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill:
Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill:
Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

Section 7: Handling and Storage

Precautions:
Keep locked up.. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe dust. Wear suitable

protective clothing. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls:
Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:
Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:
TWA: 0.05 (mg/m3) from ACGIH (TLV) [United States] TWA: 0.05 (mg/m3) from OSHA (PEL) [United States] TWA: 0.03 (mg/m3) from NIOSH [United States] TWA: 0.05 (mg/m3) [Canada]Consult local authorities for acceptable exposure limits.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Metal solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 207.21 g/mole

Color: Bluish-white. Silvery. Gray

pH (1% soln/water): Not applicable.

Boiling Point: 1740°C (3164°F)

Melting Point: 327.43°C (621.4°F)

Critical Temperature: Not available.

Specific Gravity: 11.3 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Insoluble in cold water.

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Instability Temperature: Not available.

Conditions of Instability: Incompatible materials, excess heat

Incompatibility with various substances: Reactive with oxidizing agents.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity:
Can react vigorously with oxidizing materials. Incompatible with sodium carbide, chlorine trifluoride, trioxane + hydrogen peroxide, ammonium nitrate, sodium azide, disodium acetylide, sodium acetylide, hot concentrated nitric acid, hot concentrated hydrochloric acid, hot concentrated sulfuric acid, zirconium.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Absorbed through skin. Inhalation. Ingestion.

Toxicity to Animals:
LD50: Not available. LC50: Not available.

Chronic Effects on Humans:
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC. May cause damage to the following organs: blood, kidneys, central nervous system (CNS).

Other Toxic Effects on Humans: Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans:
Acute Potential: Skin: Lead metal granules or dust: May cause skin irritation by mechanical action. Lead metal foil, shot or sheets: Not likely to cause skin irritation Eyes: Lead metal granules or dust: Can irritate eyes by mechanical action. Lead metal foil, shot or sheets: No hazard. Will not cause eye irritation. Inhalation: In an industrial setting, exposure to lead mainly occurs from inhalation of dust or fumes. Lead dust or fumes: Can irritate the upper respiratory tract (nose, throat) as well as the bronchi and lungsby mechanical action. Lead dust can be absorbed through the respiratory system. However, inhaled lead does not accumulate in the lungs. All of an inhaled dose is eventually abssorbed or transferred to the gastrointestinal tract. Inhalation effects of exposure to fumes or dust of inorganic lead may not develop quickly. Symptoms may include metallic taste, chest pain, decreased physical fitness, fatigue, sleep disturbance, headache, irritability, reduces memory, mood and personality changes, aching bones and muscles, constipation, abdominal pains, decreasing appetite. Inhalation of large amounts may lead to ataxia, deliriuim, convulsions/seizures, coma, and death. Lead metal foil, shot, or sheets: Not an inhalation hazard unless metal is heated. If metal is heated, fumes will be released. Inhalation of these fumes may cause "fume metal fever", which is characterized by flu-like symptoms. Symptoms may include metallic taste, fever, nausea, vomiting, chills, cough, weakness, chest pain, generalized muscle pain/aches, and increased white blood cell count. Ingestion: Lead metal granules or dust: The symptoms of lead poisoning include abdominal pain or cramps (lead cholic), spasms, nausea, vomiting, headache, muscle weakness, hallucinations, distorted perceptions, "lead line" on the gums, metallic taste, loss of appetite, insomnia, dizziness and other symptoms similar to that of inhalation. Acute poisoning may result in high lead levels in the blood and urine, shock, coma and death in extreme cases. Lead metal foil, shot or sheets: Not an ingestion hazard for usual industrial handling.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:
Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:
Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Section 15: Other Regulatory Information

Federal and State Regulations:
California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (male) which would require a warning under the statute: Lead California prop. 65 (no significant risk level): Lead: 0.0005 mg/day (value) California prop. 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Lead California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Lead Connecticut hazardous material survey.: Lead Illinois toxic substances disclosure to employee act: Lead Illinois chemical safety act: Lead New York release reporting list: Lead Rhode Island RTK hazardous substances: Lead Pennsylvania RTK: Lead

Other Regulations:
OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances.

Other Classifications:

WHMIS (Canada): CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC):
R20/22- Harmful by inhalation and if swallowed. R33- Danger of cumulative effects. R61- May cause harm to the unborn child. R62- Possible risk of impaired fertility. S36/37- Wear suitable protective clothing and gloves. S44- If you feel unwell, seek medical advice (show the label when possible). S53- Avoid exposure - obtain special instructions before use.

HMIS (U.S.A.):

Health Hazard: 1

Fire Hazard: 0

Reactivity: 0

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 1

Flammability: 0

Reactivity: 0

Specific hazard:

Protective Equipment:
Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Safety glasses.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

Created: 10/10/2005 08:21 PM

Last Updated: 06/09/2012 12:00 PM

United States Environmental Protection Agency
Office of Solid Waste Washington, DC 20460
January 2008

Polycyclic Aromatic Hydrocarbons (PAHs)

What are PAHs?

Short for polycyclic aromatic hydrocarbons, PAHs describe chemicals that are often found together in groups of two or more. PAHs are found naturally in the environment but they can also be man-made. In their purest form, PAHs are solid and range in appearance from colorless to white or pale yellow-green. PAHs are created when products like coal, oil, gas, and garbage are burned but the burning process is not complete. Although PAHs can exist in over 100 different combinations, the National Waste Minimization Program defines this group using the Toxic Release Inventory reporting category for polycyclic aromatic compounds.

Chemicals included in this category, by name and CAS number, are:

1. Benzo(a)anthracene, 56-55-3
2. Benzo(a)phenanthrene (chrysene), 218-01-9
3. Benzo(a)pyrene, 50-32-8
4. Benzo(b)fluoranthene, 205-99-2
5. Benzo(j)fluoranthene, 205-82-3
6. Benzo(k)fluoranthene, 207-08-9
7. Benzo(j,k)fluorene (fluoranthene), 206-44-0
8. Benzo(r,s,t)pentaphene, 189-55-9
9. Dibenz(a,h)acridine, 226-36-8
10. Dibenz(a,j)acridine, 224-42-0
11. Dibenzo(a,h)anthracene, 53-70-3
12. Dibenzo(a,e)fluoranthene, 5385-75-1
13. Dibenzo(a,e)pyrene, 192-65-4
14. Dibenzo(a,h)pyrene, 189-64-0
15. Dibenzo(a,l)pyrene, 191-30-0
16. 7H-Dibenzo(c,g)carbazole, 194-59-2
17. 7,12-Dimethylbenz(a)anthracene, 57-97-6
18. Indeno(1,2,3-cd)pyrene 193-39-5
19. 3-Methylcholanthrene, 56-49-5
20. 5-Methylchrysene, 3697-24-3
21. 1-Nitropyrene, 5522-43-0

It should be noted that some PAHs are listed individually on EPA's Priority Chemical list. They are:

1. Acenaphthene, 83-32-9
2. Acenaphtylene, 208-96-8
3. Anthracene, 120-12-7
4. Benzo(g,h,i)perylene, 191-24-2
5. Fluorene, 86-73-7
6. Phenanthrene, 85-01-8
7. Pyrene, 129-00-0

Why are PAHs bad actors?

PAHs are a concern because they are persistent. Because they do not burn very easily, they can stay in the environment for long periods of time. Individual PAHs vary in behavior. Some can turn into a vapor in the air very easily. Most do not break down easily in the water.

What are PAHs used for?

Most PAHs are used to conduct research. However, some PAHs are used to make dyes, plastics, and pesticides. Some are even used in medicines.

How can PAHs enter and leave your body?

One of the most common ways PAHs can enter the body is through breathing contaminated air. PAHs get into your lungs when you breathe them. If you live near a hazardous waste site where PAHs are disposed, you are likely to breathe PAHs. If you eat or drink food and water contaminated with PAHs, you could be

exposed. Exposure to PAHs can also occur if your skin contacts PAH-contaminated soil or products like heavy oils, coal tar, roofing tar, or creosote. Creosote is an oily liquid found in coal tar and is used to preserve wood. Once in your body, PAHs can spread and target fat tissues. Target organs include the kidneys and liver. However, PAHs will leave your body through urine and feces in a matter of days.

How can you be exposed to PAHs?

You can be exposed to PAHs in the environment, in your home, and in the workplace. Because PAHs exist naturally in the environment and are man-made, you can be exposed in a number of ways. Fumes from vehicle exhaust, coal, coal tar, asphalt, wildfires, agricultural burning and hazardous waste sites are all sources of exposure.

You could be exposed to PAHs by breathing cigarette and tobacco smoke, eating foods grown in contaminated soil, or by eating meat or other food that you grilled. Grilling and charring food actually increases the amount of PAHs in the food.

If you work in a plant that makes coal tar, asphalt and aluminum, or that burns trash, you can be exposed to PAHs. You can also be exposed if you work in a facility that uses petroleum or coal, or where wood, corn, and oil are burned.

How can PAHs affect your health?

A number of PAHs have caused tumors in laboratory animals that were exposed to PAHs through their food, from breathing contaminated air, and when it was applied to their skin. When pregnant mice ate high doses of a PAH (benzo(a)pyrene) they experienced reproductive problems. In addition, the offspring of the pregnant mice showed birth defects and a decrease in their body weight. Other effects include damage to the skin, body fluids, and the immune system. However, these effects have not been seen in humans.

Is there a medical test to determine if you have been exposed to PAHs?

There is a test that can measure the presence of PAH in your urine. This test can only tell you if you have been exposed; but it can't reveal how harmful the effects of the exposure will be. This test would have to be performed in a laboratory that has special equipment to detect the PAHs. Another test currently being developed will be able to measure PAHs in your body tissue and blood.

What are the medical treatments in cases of exposure?

Most exposures to PAHs happen every day at very low levels in the air we breathe and the foods we eat. Treatment for a short-term exposure is unlikely. Contact your doctor if you experience symptoms of PAHs poisoning.

What levels of exposure have resulted in harmful health effects?

There is no information available from studies on humans to tell what effects can result from being exposed to individual PAHs at certain levels. However, breathing PAHs and skin contact seem to be associated with cancer in humans. Animal studies showed that mice exposed to 308 parts per million (ppm) of PAHs (specifically benzo (a) pyrene) in food for 10 days (short term exposure) caused birth defects. Mice exposed to 923 ppm of benzo (a) pyrene in food for months caused problems in the liver and blood.

Where can I get more information?

Contact your state health or environmental department, or:

Agency for Toxic Substances and Disease Registry
Division of Toxicology
1600 Clifton Road, N.E., E-29
Atlanta, Georgia 30333

References

1. Agency for Toxic Substances and Disease

Registry (ATSDR), Public Health Statement, *Polycyclic Aromatic Hydrocarbons, December 1990.* U.S. Public Health Service, U.S. Department of Health and Human Services, Atlanta, GA, December 1990.

2. United States Environmental Protection Agency, Office of Environmental Information, *Emergency Planning and Community Right-to-Know Act – Section 313: Guidance for Reporting Toxic Chemicals: Polycyclic Aromatic Compounds Category*, EPA 260-B-01-03, Washington, DC, August 2001.

APPENDIX 3

SOIL BORING LOGS, SAMPLING LOGS, AND DAILY LOGS

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street	FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY		
BORING/WELL	SB-1	TOTAL DEPTH	15
DIAMETER	-		
TOC ELEVATION	-	WATER LEVEL INITIAL	-
STATIC	-		
SCREEN DIA.	-	LENGTH	-
SLOT SIZE	-		
CASING DIA.	-	LENGTH	-
TYPE	-		
DRILLING CO.	Laurel	DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH
DATE DRILLED	1/31/2015		

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base
2					6"-5' 4' rec
3		0			Brown med.-fine grained sand w/angular gravel, brick, asphalt, concrete, glass. NO O/S
4					5'-10' 3' rec
5		0			SAA NO O/S
6					10'-15' 3' rec NO O/S
7		0			SAA
8					wete @ 13'
9		0			
10					
11		0			
12	11-13				
13		0			
14					
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street	FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY		
BORING/WELL	SB-2	TOTAL DEPTH	15
DIAMETER	-		
TOC ELEVATION	-	WATER LEVEL INITIAL	-
STATIC	-		
SCREEN DIA.	-	LENGTH	-
SLOT SIZE	-		
CASING DIA.	-	LENGTH	-
TYPE	-		
DRILLING CO.	Laurel	DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH
DATE DRILLED	1/31/2015		

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base 6"-5' 3.5' rec Brown med.-fine sand w/ angular gravel, brick, concrete NO O/S 5'-10' 2' rec SAA NO O/S 10'-15' 3' rec SAA NO O/S water @ 13'
2					
3		0			
4					
5		0			
6					
7					
8		0			
9					
10		0			
11					
12	11-13	0			
13					
14		0			
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street			FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY				
BORING/WELL	SB-3	TOTAL DEPTH	15	DIAMETER	-
TOC ELEVATION	-	WATER LEVEL INITIAL	-	STATIC	-
SCREEN DIA.	-	LENGTH	-	SLOT SIZE	-
CASING DIA.	-	LENGTH	-	TYPE	-
DRILLING CO.	Laurel			DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH	DATE DRILLED	1/31/2015

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base 6"-5' 2.5' rec Brown med. - fine sand w/ angular gravel, brick, asphalt, concrete no o/s 5'-10' 3' rec SAA no o/s 10'-15' 2' rec SAA no o/s
2					
3		0			
4					
5		0			
6					
7		0			
8					
9		0			
10					
11		0			
12	11-13				
13		0			
14					
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street	FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY		
BORING/WELL	SB-4	TOTAL DEPTH	15
DIAMETER	-		
TOC ELEVATION	-	WATER LEVEL INITIAL	-
STATIC	-		
SCREEN DIA.	-	LENGTH	-
SLOT SIZE	-		
CASING DIA.	-	LENGTH	-
TYPE	-		
DRILLING CO.	Laurel	DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH
DATE DRILLED	1/31/2015		

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base
2					6"-5' 3.5' rec Brown med. fine sand w/ angular gravel, brick, concrete no o/s
3					
4		0			5'-10' 2' rec SAA no o/s
5					10'-15' 3' rec SAA no o/s
6					
7		0			
8					
9					
10		0			
11					
12	11-13 DUPLICATE	0			
13					
14		0			
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street			FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY				
BORING/WELL	SB-5	TOTAL DEPTH	15	DIAMETER	-
TOC ELEVATION	-	WATER LEVEL INITIAL	-	STATIC	-
SCREEN DIA.	-	LENGTH	-	SLOT SIZE	-
CASING DIA.	-	LENGTH	-	TYPE	-
DRILLING CO.	Laurel			DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH	DATE DRILLED	1/31/2015

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base
2					6"-5' 4' rec
3		0			Brown med.-fine sand w/ angular gravel, brick, concrete. NO O/S
4					5-10' 3' rec SAA NO O/S
5					10-15' 3' rec SAA NO O/S
6		0			
7					
8		0			
9					
10					
11		0			
12	11-13				
13		0			
14					
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street			FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY				
BORING/WELL	SB-6	TOTAL DEPTH	15	DIAMETER	-
TOC ELEVATION	-	WATER LEVEL INITIAL	-	STATIC	-
SCREEN DIA.	-	LENGTH	-	SLOT SIZE	-
CASING DIA.	-	LENGTH	-	TYPE	-
DRILLING CO.	Laurel			DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH	DATE DRILLED	1/31/2015

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2				0-6" asphalt + base
2					6"-5' 2.5' rec
3					Brown red. - fine sand w/ angular gravel, brick, concrete, asphalt, glass. no o/s
4					5'-10' 3.5' rec SAA no o/s
5					10'-15' 3' rec SAA no o/s
6					
7					
8					
9					
10					
11					
12	11-13				
13					
14					
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street			FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY				
BORING/WELL	SB-7	TOTAL DEPTH	15	DIAMETER	-
TOC ELEVATION	-	WATER LEVEL INITIAL	-	STATIC	-
SCREEN DIA.	-	LENGTH	-	SLOT SIZE	-
CASING DIA.	-	LENGTH	-	TYPE	-
DRILLING CO.	Laurel			DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH	DATE DRILLED	1/31/2015

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base
2					6"-5' 3'rec Brown red. - fine. sand w/ angular gravel, brick, concrete. No o/s
3		0			5'-10' 3'rec SAA No o/s
4					10'-15' 4'rec SAA No o/s
5					
6		0			
7					
8		0			
9					
10		0			
11					
12	12-13	0			
13					
14		0			
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street	FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY		
BORING/WELL	SB-8	TOTAL DEPTH	15
DIAMETER	-		
TOC ELEVATION	-	WATER LEVEL INITIAL	-
STATIC	-		
SCREEN DIA.	-	LENGTH	-
SLOT SIZE	-		
CASING DIA.	-	LENGTH	-
TYPE	-		
DRILLING CO.	Laurel	DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH
DATE DRILLED	1/31/2015		

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base
2					6"-5' 2' rec
3		0			Brown med.-fine sand w/angular gravel, brick, asphalt. no o/s
4					5'-10' 2.5' rec SAA NO o/s
5		0			10'-15' 3' rec SAA No o/s
6					
7					
8		0			
9					
10					
11		0			
12	11-13				
13		0			
14					
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street			FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY				
BORING/WELL	SB-9	TOTAL DEPTH	15	DIAMETER	-
TOC ELEVATION	-	WATER LEVEL INITIAL	-	STATIC	-
SCREEN DIA.	-	LENGTH	-	SLOT SIZE	-
CASING DIA.	-	LENGTH	-	TYPE	-
DRILLING CO.	Laurel			DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH	DATE DRILLED	1/31/2015

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" asphalt + base
2					6"-5' 3' rec
3					Brown med.-fine sand w/ angular gravel, brick, concrete. No O/S
4		0			5'-10' 4' rec SAA No O/S
5					10'-15' 3' rec SAA No O/S
6		0			
7					
8					
9		0			
10					
11					
12	11-13	0			
13					
14		0			
15					

FPM GROUP
Ronkonkoma,NY

MAP

PROJECT NAME	126th Street			FPM JOB #	492-15-143
SITE ADDRESS	126th Street, Manhattan, NY				
BORING/WELL	SB-10	TOTAL DEPTH	15	DIAMETER	-
TOC ELEVATION	-	WATER LEVEL INITIAL	-	STATIC	-
SCREEN DIA.	-	LENGTH	-	SLOT SIZE	-
CASING DIA.	-	LENGTH	-	TYPE	-
DRILLING CO.	Laurel			DRILLING METHOD	DP
DRILLER	Steve	LOG BY	GH	DATE DRILLED	1/31/2015

DEPTH (FT)	SAMPLE	PID (ppm)	WELL CONSTRUCTION	GRAPHIC LOG	DESCRIPTION/SOIL CLASSIFICATION (INTERVAL, RECOVERY, COLOR, MATRIX TYPE, MOISTURE CONTENT, COMMENTS)
1	0-2	0			0-6" Asphalt + base
2					6"-5' 2.5' rec
3					Brown med.-fine sand w/ angular gravel, brick, concrete. no o/s
4		0			5'-10' 3.5' rec SAA no o/s
5					10'-15' 4' rec SAA no o/s
6		0			
7					
8					
9		0			
10					
11					
12	11-13	0			
13		0			
14					
15					

CANISTER FIELD SAMPLING RECORD

Project: **126th Street**

Site Location: **126th Street, Manhattan, NY**

Sample ID	SV-1	Canister ID	87
Sampler	GH	Canister Volume	1L
Location	see site plan	Flow Controller ID	278
Height	-	Flow Controller Setting	1L/8hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	1/31/2015	9:10	-30
Final Canister Vacuum	1/31/2015	14:10	-8

Weather or Ambient Conditions: 20° F, Sunny

Purge Data: 3-5 volumes

Helium Check Data: Good

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **126th Street**

Site Location: **126th Street, Manhattan, NY**

Sample ID	SV-2	Canister ID	168
Sampler	GH	Canister Volume	1L
Location	see site plan	Flow Controller ID	346
Height	-	Flow Controller Setting	1L/8hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	1/31/2015	9:23	-30
Final Canister Vacuum	1/31/2015	15:05	-13

Weather or Ambient Conditions: 20° F, Sunny

Purge Data: 3-5 volumes

Helium Check Data: Good

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **126th Street**

Site Location: **126th Street, Manhattan, NY**

Sample ID	SV-3	Canister ID	546
Sampler	GH	Canister Volume	1L
Location	see site plan	Flow Controller ID	310
Height	-	Flow Controller Setting	1L/8hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	1/31/2015	9:29	-30
Final Canister Vacuum	1/31/2015	15:21	-6

Weather or Ambient Conditions: 20° F, Sunny

Purge Data: 3-5 volumes

Helium Check Data: Good

Comments:

CANISTER FIELD SAMPLING RECORD

Project: 126th Street

Site Location: 126th Street, Manhattan, NY

Sample ID	SV-4	Canister ID	95
Sampler	GH	Canister Volume	1L
Location	see site plan	Flow Controller ID	249
Height	-	Flow Controller Setting	1L/8hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	1/31/2015	9:50	-30
Final Canister Vacuum	1/31/2015	15:40	-12

Weather or Ambient Conditions: 20° F, Sunny

Purge Data: 3-5 volumes

Helium Check Data: Good

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **126th Street**

Site Location: **126th Street, Manhattan, NY**

Sample ID	SV-5	Canister ID	203
Sampler	GH	Canister Volume	1L
Location	see site plan	Flow Controller ID	1167
Height	-	Flow Controller Setting	1L/8hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	1/31/2015	9:36	-30
Final Canister Vacuum	1/31/2015	15:34	-12

Weather or Ambient Conditions: 20° F, Sunny

Purge Data: 3-5 volumes

Helium Check Data: Good

Comments:

CANISTER FIELD SAMPLING RECORD

Project: **126th Street**

Site Location: **126th Street, Manhattan, NY**

Sample ID	SV-6	Canister ID	479
Sampler	GH	Canister Volume	1L
Location	see site plan	Flow Controller ID	1165
Height	-	Flow Controller Setting	1L/8hr

Sample Type (sub-slab, soil gas, amb, indoor) soil gas

Reading	Date	Time	Vacuum
Initial Canister Vacuum	1/31/2015	10:09	-30
Final Canister Vacuum	1/31/2015	16:01	-12

Weather or Ambient Conditions: 20° F, Sunny

Purge Data: 3-5 volumes

Helium Check Data: Good

Comments:

Figure 2. **Ground Water Sampling Log**

Project 126th St **Site** 126th St, NY **Well No.** MW-1 **Date** 2/10/15

Well Depth 18' **Screen Length** 10' **Well Diameter** 1" **Casing Type** PVC

Sampling Device peristaltic pump **Tubing type** polyethylene **Water Level** 13.77

Measuring Point Top of casing **Other Infor** DUPLICATE

Sampling Personnel GH

Time	pH	Temp °C	Cond.	Dis.O_2	Turb.	[ ]Conc			Notes
9:15	6.66	7.37	2.90		>1000				
9:20	7.41	13.14	2.68		167				
9:25	7.39	14.24	2.55		71.8				
9:30	7.36	14.53	2.53		51.4				
9:35	7.35	14.55	2.52		49.6				
9:40	7.35	14.56	2.52		48.1				

Type of Samples Collected

Information: 2 in = 617 ml/ft, 4 in = 2470 ml/ft: $Vol_{cyl} = \pi r^2 h$, $Vol_{sphere} = 4/3\pi r^3$

Figure 2. **Ground Water Sampling Log**

Project 126th St **Site** 126th St, NY **Well No.** MW-2 **Date** 2/10/15

Well Depth 18' **Screen Length** 10' **Well Diameter** 1" **Casing Type** PVC

Sampling Device peristaltic pump **Tubing type** polyethylene **Water Level** 14.68

Measuring Point Top of casing **Other Infor**

Sampling Personnel GH

Time	pH	Temp	Cond.	Dis.O_2	Turb.	[ ]Conc			Notes
10:00	7.79	9.42	2.48		>1000				
10:05	7.51	10.71	2.36		101				
10:10	7.40	12.64	2.08		54.3				
10:15	7.32	13.90	2.01		47.6				
10:20	7.29	14.55	1.98		47.1				
10:25	7.28	14.55	1.98		46.8				

Type of Samples Collected

Information: 2 in = 617 ml/ft, 4 in = 2470 ml/ft: $Vol_{cyl} = \pi r^2 h$, $Vol_{sphere} = 4/3\pi r^3$

Figure 2. **Ground Water Sampling Log**

Project 126th St **Site** 126th St, NY **Well No.** MW-3 **Date** 2/10/15
Well Depth 18' **Screen Length** 10' **Well Diameter** 1" **Casing Type** PVC
Sampling Device Peristaltic pump **Tubing type** polyethylene **Water Level** 12.08
Measuring Point Top of Casing **Other Infor**

Sampling Personnel GH

Time	pH	Temp	Cond.	Dis.O_2	Turb.	[ ]Conc			Notes
12:30	7.42	10.35	3.96		71000				
12:35	7.34	11.32	3.85		202				
12:40	7.26	12.11	3.76		94.1				
12:45	7.24	13.20	3.62		63.5				
12:50	7.24	14.38	3.55		50.4				
12:55	7.23	14.49	3.53		48.6				
13:00	7.23	14.52	3.53		47.9				

Type of Samples Collected

Information: 2 in = 617 ml/ft, 4 in = 2470 ml/ft: $Vol_{cyl} = \pi r^2 h$, $Vol_{sphere} = 4/3\pi r^3$

Figure 2. **Ground Water Sampling Log**

Project 126th St **Site** 126th St, NV **Well No.** MW-4 **Date** 2/10/15
Well Depth 18' **Screen Length** 10' **Well Diameter** 1" **Casing Type** PVC
Sampling Device Peristaltic pump **Tubing type** polyethylene **Water Level** 12.35
Measuring Point Top of Casing **Other Infor**

Sampling Personnel GH

Time	pH	Temp	Cond.	Dis.O_2	Turb.	[ ]Conc			Notes
11:05	8.00	10.08	1.99		>1000				
11:10	7.79	13.62	1.90		90.3				
11:15	7.61	14.22	1.84		51.7				
11:20	7.58	14.51	1.76		49.4				
11:25	7.57	14.59	1.74		48.1				

Type of Samples Collected

Information: 2 in = 617 ml/ft, 4 in = 2470 ml/ft: $Vol_{cyl} = \pi r^2 h$, $Vol_{sphere} = 4/3\pi r^3$

APPENDIX 4

LABORATORY DATA DELIVERABLES FOR SOIL AND GROUNDWATER ANALYTICAL DATA

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-89956-1

Job Description: 126th Street

For:
FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: George Holmes

Approved for release.
Sarah E Brown
Project Management Assistant II
2/9/2015 3:42 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
02/09/2015

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-89956-1

Job Description: 126th Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Sarah E Brown
Project Management Assistant II
2/9/2015 3:42 PM

Designee for
Melissa Haas

CASE NARRATIVE

Client: FPM Group Limited

Project: 126th Street

Report Number: 460-89956-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 2/2/2015 3:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.5º C and 3.9º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were prepared on 02/02/2015 and analyzed on 02/05/2015 and 02/06/2015.

Acetone was detected in method blank MB 460-279814/19 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone was detected in method blanks MB 460-280001/7 and MB 460-280031/14 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Methylene Chloride was detected in method blank MB 460-279814/19 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Acetone and Methylene Chloride were detected in method blank MB 460-280118/7 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 279814 recovered outside control limits for the following analyte: 2-Hexanone. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample duplicate (LCSD) for batch 279814 recovered outside control limits for the following analytes: Chlorodibromomethane, cis-1,3-Dichloropropene and trans-1,3-Dichloropropene. These analytes were not detected in the associated samples; therefore, the data have been reported.

The following sample was analyzed 18 min out of clock: SB-10(0-2) (460-89956-9). The second aliquot was analyzed, but could not be reported due to the low internal standard recovery.

Surrogate recovery (Dibromofluoromethane) for the following sample was outside control limits: SB-8(0-2) (460-89956-18). Surrogate recoveries for the other three system monitoring compounds were within control limits; therefore, re-analysis was not performed.

Surrogate recoveries (1,2-Dichloroethane-d4, 4-Bromofluorobenzene, Dibromofluoromethane, Toluene-d8) for the following sample were outside of acceptance limits: SB-6(11-13) (460-89956-21). There was insufficient sample to perform a re-analysis; therefore, the data have been reported. The second aliquot was analyzed, but could not be reported due to the low internal standard recovery.

The continuing calibration verification (CCV) associated with batch 280001 recovered outside control limits for the following analyte: 1,2-Dichloropropane (biased low). A reporting limit (RL) standard was analyzed, and the target analyte was detected. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANICS

Sample TB0131 (460-89956-22) was analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 02/04/2015.

The continuing calibration verification (CCV) associated with batch 279569 recovered above the upper control limit for the following analyte: 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 02/04/2015 and analyzed on 02/04/2015 and 02/05/2015.

The continuing and closing calibration verification (CCV) associated with batch 279670 recovered above the upper control limit for the following analyte on the primary column: gamma-BHC. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The closing calibration verification (CCV) associated with batch 279670 recovered above the upper control limits for the following analytes on the secondary column: delta-BHC, gamma-BHC, Endrin aldehyde, Endrin ketone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 279868 recovered above the upper control limit for the following analyte on the primary column: gamma-BHC. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

The closing calibration verification (CVC) associated with batch 279931 recovered above the upper control limit for the following analyte on the secondary column: Endrin ketone. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 02/04/2015 and analyzed on 02/04/2015 and 02/05/2015.

Surrogate recovery (DCB Decachlorobiphenyl) for the following samples was outside the upper control limit: SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6),

SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14). These samples did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270D. The samples were prepared on 02/03/2015 and 02/04/2015 and analyzed on 02/04/2015 and 02/05/2015.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized.

The LCS associated with batch 279405 had one analyte (Benzo(a)pyrene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The LCS associated with batch 279647 had five analytes (Hexachlorobenzene, Benzo(b)fluoranthene, 4-Bromophenyl phenyl ether, N-Nitrosodiphenylamine, Benzo(a)pyrene) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

Several analytes failed the recovery criteria low for the MS and MSD of sample 460-89956-11 in batch 460-279740.

2,3,4,6-Tetrachlorophenol failed the recovery criteria low for the MS and MSD of sample 460-89956-5 in batch 460-279462.

Acid extractable surrogate and/or spike std recoveries (2-Fluorophenol, Phenol-d5) are biased low for the following samples: SB-3(0-2) (460-89956-11), 460-89956-11 MS, 460-89956-11 MSD. Samples high pH is causing low A/E surrogate/spike std recoveries.

Internal standard responses were outside of acceptance limits for the following samples: 460-89956-11 MS, 460-89956-11 MSD. The samples shows evidence of matrix interference.

Refer to the QC report for details.

Samples SB-1(0-2) (460-89956-1)[2X], SB-2(0-2) (460-89956-7)[2X], SB-3(0-2) (460-89956-11)[2X], SB-4(0-2) (460-89956-13)[2X] and SB-7(0-2) (460-89956-16)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

METALS

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 02/04/2015 and 02/05/2015 and analyzed on 02/04/2015, 02/05/2015 and 02/06/2015.

Aluminum and Calcium failed the recovery criteria high for the MS of sample 460-89956-14 in batch 460-279664.

Antimony and Calcium failed the recovery criteria low for the MS of sample 460-89956-15 in batch 460-279947. Aluminum, Iron and Manganese failed the recovery criteria high.

Refer to the QC report for details.

Samples SB-1(0-2) (460-89956-1)[4X], SB-1(11-13) (460-89956-2)[4X], SB-5(0-2) (460-89956-3)[4X], SB-5(11-13) (460-89956-4)[4X], SB-9(0-2) (460-89956-5)[4X], SB-9(11-13) (460-89956-6)[20X], SB-2(0-2) (460-89956-7)[4X], SB-2(11-13) (460-89956-8)[4X], SB-10(0-2) (460-89956-9)[4X], SB-10(11-13) (460-89956-10)[10X], SB-10(11-13) (460-89956-10)[4X], SB-3(0-2) (460-89956-11)[4X], SB-3(11-13) (460-89956-12)[4X], SB-4(0-2) (460-89956-13)[4X], SB-4(11-13) (460-89956-14)[4X], SB-4D(11-13) (460-89956-15)[4X], SB-7(0-2)

(460-89956-16)[4X], SB-7(11-13) (460-89956-17)[4X], SB-8(0-2) (460-89956-18)[4X], SB-8(11-13) (460-89956-19)[4X], SB-6(0-2) (460-89956-20)[4X], SB-6(11-13) (460-89956-21)[20X] and SB-6(11-13) (460-89956-21)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample was diluted due to the nature of the sample matrix (high Calcium, Magnesium): SB-9(11-13) (460-89956-6). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Metals analysis.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for total mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 02/03/2015 and 02/05/2015.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-1(0-2) (460-89956-1), SB-1(11-13) (460-89956-2), SB-5(0-2) (460-89956-3), SB-5(11-13) (460-89956-4), SB-9(0-2) (460-89956-5), SB-9(11-13) (460-89956-6), SB-2(0-2) (460-89956-7), SB-2(11-13) (460-89956-8), SB-10(0-2) (460-89956-9), SB-10(11-13) (460-89956-10), SB-3(0-2) (460-89956-11), SB-3(11-13) (460-89956-12), SB-4(0-2) (460-89956-13), SB-4(11-13) (460-89956-14), SB-4D(11-13) (460-89956-15), SB-7(0-2) (460-89956-16), SB-7(11-13) (460-89956-17), SB-8(0-2) (460-89956-18), SB-8(11-13) (460-89956-19), SB-6(0-2) (460-89956-20) and SB-6(11-13) (460-89956-21) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 02/03/2015.

The sample duplicate precision for the following sample associated with batch 279345 was outside control limits: 460-89956-12 DU.

Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-1	**SB-1(0-2)**					
Methylene Chloride		0.94	J B	1.2	ug/L	8260C
Acetone		13	B	5.9	ug/L	8260C
Toluene		0.42	J	1.2	ug/L	8260C
2-Methylnaphthalene		37	J	740	ug/Kg	8270D
Acenaphthene		82	J	740	ug/Kg	8270D
Acenaphthylene		380	J	740	ug/Kg	8270D
Anthracene		450	J	740	ug/Kg	8270D
Benzo[a]anthracene		1400		74	ug/Kg	8270D
Benzo[a]pyrene		1800	*	74	ug/Kg	8270D
Benzo[b]fluoranthene		1800		74	ug/Kg	8270D
Benzo[g,h,i]perylene		1900		740	ug/Kg	8270D
Benzo[k]fluoranthene		750		74	ug/Kg	8270D
Carbazole		160	J	740	ug/Kg	8270D
Chrysene		1700		740	ug/Kg	8270D
Dibenz(a,h)anthracene		340		74	ug/Kg	8270D
Dibenzofuran		46	J	740	ug/Kg	8270D
Di-n-butyl phthalate		110	J	740	ug/Kg	8270D
Fluoranthene		3300		740	ug/Kg	8270D
Fluorene		94	J	740	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		1900		74	ug/Kg	8270D
Naphthalene		120	J	740	ug/Kg	8270D
Phenanthrene		1400		740	ug/Kg	8270D
Pyrene		2300		740	ug/Kg	8270D
4,4'-DDT		6.7	J	7.6	ug/Kg	8081B
Aluminum		8110		43.5	mg/Kg	6010C
Arsenic		3.8		3.3	mg/Kg	6010C
Barium		220		43.5	mg/Kg	6010C
Beryllium		0.35	J	0.44	mg/Kg	6010C
Calcium		38900		1090	mg/Kg	6010C
Cobalt		5.7	J	10.9	mg/Kg	6010C
Chromium		15.3		2.2	mg/Kg	6010C
Copper		27.9		5.4	mg/Kg	6010C
Iron		16300		32.6	mg/Kg	6010C
Potassium		1420		1090	mg/Kg	6010C
Magnesium		7240		1090	mg/Kg	6010C
Manganese		432		3.3	mg/Kg	6010C
Sodium		343	J	1090	mg/Kg	6010C
Nickel		15.6		8.7	mg/Kg	6010C
Lead		339		2.2	mg/Kg	6010C
Vanadium		23.5		10.9	mg/Kg	6010C
Zinc		268		6.5	mg/Kg	6010C
Mercury		0.42		0.018	mg/Kg	7471B
Percent Moisture		11.6		1.0	%	Moisture
Percent Solids		88.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-2	**SB-1(11-13)**					
Methylene Chloride		1.3	J B	1.5	ug/L	8260C
Acetone		17	B	7.4	ug/L	8260C
Tetrachloroethene		0.93	J	1.5	ug/L	8260C
Toluene		0.72	J	1.5	ug/L	8260C
2-Methylnaphthalene		21	J	380	ug/Kg	8270D
Acenaphthene		10	J	380	ug/Kg	8270D
Benzo[a]anthracene		54		38	ug/Kg	8270D
Benzo[a]pyrene		63	*	38	ug/Kg	8270D
Benzo[b]fluoranthene		81		38	ug/Kg	8270D
Benzo[k]fluoranthene		28	J	38	ug/Kg	8270D
Carbazole		14	J	380	ug/Kg	8270D
Chrysene		82	J	380	ug/Kg	8270D
Dibenzofuran		25	J	380	ug/Kg	8270D
Fluoranthene		160	J	380	ug/Kg	8270D
Fluorene		8.7	J	380	ug/Kg	8270D
Naphthalene		45	J	380	ug/Kg	8270D
Phenanthrene		190	J	380	ug/Kg	8270D
Pyrene		150	J	380	ug/Kg	8270D
Aluminum		7340		43.2	mg/Kg	6010C
Arsenic		0.91	J	3.2	mg/Kg	6010C
Barium		56.1		43.2	mg/Kg	6010C
Calcium		47000		1080	mg/Kg	6010C
Cobalt		6.5	J	10.8	mg/Kg	6010C
Chromium		14.0		2.2	mg/Kg	6010C
Copper		22.6		5.4	mg/Kg	6010C
Iron		10600		32.4	mg/Kg	6010C
Potassium		1570		1080	mg/Kg	6010C
Magnesium		32100		1080	mg/Kg	6010C
Manganese		179		3.2	mg/Kg	6010C
Sodium		93.4	J	1080	mg/Kg	6010C
Nickel		12.9		8.6	mg/Kg	6010C
Lead		45.1		2.2	mg/Kg	6010C
Vanadium		19.3		10.8	mg/Kg	6010C
Zinc		47.8		6.5	mg/Kg	6010C
Percent Moisture		12.6		1.0	%	Moisture
Percent Solids		87.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-3	**SB-5(0-2)**					
Methylene Chloride		0.40	J B	0.97	ug/L	8260C
Acetone		6.8	B	4.8	ug/L	8260C
Tetrachloroethene		0.59	J	0.97	ug/L	8260C
Toluene		0.35	J	0.97	ug/L	8260C
2-Methylnaphthalene		33	J	360	ug/Kg	8270D
Acenaphthene		75	J	360	ug/Kg	8270D
Acenaphthylene		230	J	360	ug/Kg	8270D
Anthracene		360		360	ug/Kg	8270D
Benzo[a]anthracene		1500		36	ug/Kg	8270D
Benzo[a]pyrene		1500	*	36	ug/Kg	8270D
Benzo[b]fluoranthene		1800		36	ug/Kg	8270D
Benzo[g,h,i]perylene		1500		360	ug/Kg	8270D
Benzo[k]fluoranthene		710		36	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		64	J	360	ug/Kg	8270D
Carbazole		120	J	360	ug/Kg	8270D
Chrysene		1600		360	ug/Kg	8270D
Dibenz(a,h)anthracene		340		36	ug/Kg	8270D
Dibenzofuran		69	J	360	ug/Kg	8270D
Fluoranthene		3300		360	ug/Kg	8270D
Fluorene		95	J	360	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		1600		36	ug/Kg	8270D
Isophorone		62	J	140	ug/Kg	8270D
Naphthalene		74	J	360	ug/Kg	8270D
Phenanthrene		1600		360	ug/Kg	8270D
Pyrene		2500		360	ug/Kg	8270D
4,4'-DDT		5.0	J	7.2	ug/Kg	8081B
Aluminum		9340		42.1	mg/Kg	6010C
Arsenic		2.9	J	3.2	mg/Kg	6010C
Barium		153		42.1	mg/Kg	6010C
Calcium		32800		1050	mg/Kg	6010C
Cobalt		6.6	J	10.5	mg/Kg	6010C
Chromium		17.7		2.1	mg/Kg	6010C
Copper		27.6		5.3	mg/Kg	6010C
Iron		14600		31.6	mg/Kg	6010C
Potassium		1860		1050	mg/Kg	6010C
Magnesium		16000		1050	mg/Kg	6010C
Manganese		364		3.2	mg/Kg	6010C
Sodium		293	J	1050	mg/Kg	6010C
Nickel		17.0		8.4	mg/Kg	6010C
Lead		160		2.1	mg/Kg	6010C
Vanadium		24.4		10.5	mg/Kg	6010C
Zinc		145		6.3	mg/Kg	6010C
Mercury		0.16		0.018	mg/Kg	7471B
Percent Moisture		7.8		1.0	%	Moisture
Percent Solids		92.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-4	**SB-5(11-13)**					
Methylene Chloride		0.92	B	0.86	ug/L	8260C
Acetone		8.1	B	4.3	ug/L	8260C
Tetrachloroethene		0.34	J	0.86	ug/L	8260C
Toluene		0.62	J	0.86	ug/L	8260C
Acenaphthylene		18	J	340	ug/Kg	8270D
Acetophenone		9.6	J	340	ug/Kg	8270D
Benzaldehyde		29	J	340	ug/Kg	8270D
Benzo[a]anthracene		51		34	ug/Kg	8270D
Benzo[a]pyrene		53	*	34	ug/Kg	8270D
Benzo[b]fluoranthene		89		34	ug/Kg	8270D
Benzo[g,h,i]perylene		97	J	340	ug/Kg	8270D
Benzo[k]fluoranthene		39		34	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		110	J	340	ug/Kg	8270D
Carbazole		13	J	340	ug/Kg	8270D
Chrysene		55	J	340	ug/Kg	8270D
Di-n-butyl phthalate		18	J	340	ug/Kg	8270D
Fluoranthene		110	J	340	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		96		34	ug/Kg	8270D
Naphthalene		21	J	340	ug/Kg	8270D
Phenanthrene		57	J	340	ug/Kg	8270D
Pyrene		75	J	340	ug/Kg	8270D
4,4'-DDD		5.4	J	7.0	ug/Kg	8081B
4,4'-DDE		10		7.0	ug/Kg	8081B
4,4'-DDT		40		7.0	ug/Kg	8081B
Chlordane (technical)		100		70	ug/Kg	8081B
Dieldrin		4.2		2.1	ug/Kg	8081B
Aluminum		5710		38.9	mg/Kg	6010C
Arsenic		2.1	J	2.9	mg/Kg	6010C
Barium		312		38.9	mg/Kg	6010C
Calcium		35800		974	mg/Kg	6010C
Cadmium		0.30	J	0.78	mg/Kg	6010C
Cobalt		4.3	J	9.7	mg/Kg	6010C
Chromium		11.5		1.9	mg/Kg	6010C
Copper		38.9		4.9	mg/Kg	6010C
Iron		10100		29.2	mg/Kg	6010C
Potassium		778	J	974	mg/Kg	6010C
Magnesium		5300		974	mg/Kg	6010C
Manganese		402		2.9	mg/Kg	6010C
Sodium		351	J	974	mg/Kg	6010C
Nickel		10.4		7.8	mg/Kg	6010C
Lead		521		1.9	mg/Kg	6010C
Vanadium		12.7		9.7	mg/Kg	6010C
Zinc		212		5.8	mg/Kg	6010C
Mercury		0.34		0.017	mg/Kg	7471B
Percent Moisture		4.0		1.0	%	Moisture
Percent Solids		96.0		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-5	**SB-9(0-2)**					
Methylene Chloride		0.51	J B	0.93	ug/L	8260C
Acetone		21	B	4.6	ug/L	8260C
Tetrachloroethene		0.41	J	0.93	ug/L	8260C
Toluene		0.48	J	0.93	ug/L	8260C
Benzo[a]pyrene		15	J *	36	ug/Kg	8270D
Benzo[b]fluoranthene		23	J	36	ug/Kg	8270D
Chrysene		19	J	360	ug/Kg	8270D
Fluoranthene		34	J	360	ug/Kg	8270D
Isophorone		150		150	ug/Kg	8270D
Phenanthrene		31	J	360	ug/Kg	8270D
Pyrene		33	J	360	ug/Kg	8270D
Aluminum		6890		41.8	mg/Kg	6010C
Arsenic		0.90	J	3.1	mg/Kg	6010C
Barium		55.2		41.8	mg/Kg	6010C
Calcium		2900		1040	mg/Kg	6010C
Cobalt		7.2	J	10.4	mg/Kg	6010C
Chromium		16.8		2.1	mg/Kg	6010C
Copper		24.7		5.2	mg/Kg	6010C
Iron		11400		31.3	mg/Kg	6010C
Potassium		2170		1040	mg/Kg	6010C
Magnesium		5080		1040	mg/Kg	6010C
Manganese		240		3.1	mg/Kg	6010C
Sodium		233	J	1040	mg/Kg	6010C
Nickel		19.8		8.4	mg/Kg	6010C
Lead		7.8		2.1	mg/Kg	6010C
Vanadium		22.8		10.4	mg/Kg	6010C
Zinc		51.0		6.3	mg/Kg	6010C
Mercury		0.058		0.017	mg/Kg	7471B
Percent Moisture		8.9		1.0	%	Moisture
Percent Solids		91.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-6	**SB-9(11-13)**					
Methylene Chloride		0.58	J B	0.91	ug/L	8260C
Acetone		6.9	B	4.6	ug/L	8260C
Tetrachloroethene		0.72	J	0.91	ug/L	8260C
Toluene		0.43	J	0.91	ug/L	8260C
2-Methylnaphthalene		9.9	J	350	ug/Kg	8270D
Naphthalene		10	J	350	ug/Kg	8270D
Aluminum		7980		206	mg/Kg	6010C
Barium		33.5	J	206	mg/Kg	6010C
Calcium		109000		5140	mg/Kg	6010C
Cobalt		5.0	J	51.4	mg/Kg	6010C
Chromium		10.7		10.3	mg/Kg	6010C
Copper		19.4	J	25.7	mg/Kg	6010C
Iron		9530		154	mg/Kg	6010C
Potassium		1340	J	5140	mg/Kg	6010C
Magnesium		74400		5140	mg/Kg	6010C
Manganese		263		15.4	mg/Kg	6010C
Nickel		14.4	J	41.1	mg/Kg	6010C
Lead		6.2	J	10.3	mg/Kg	6010C
Vanadium		19.0	J	51.4	mg/Kg	6010C
Zinc		37.4		30.8	mg/Kg	6010C
Percent Moisture		6.5		1.0	%	Moisture
Percent Solids		93.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-7	**SB-2(0-2)**					
Acetone		9.7	B	4.8	ug/L	8260C
Tetrachloroethene		0.50	J	0.95	ug/L	8260C
Toluene		0.28	J	0.95	ug/L	8260C
2-Methylnaphthalene		34	J	700	ug/Kg	8270D
Acenaphthene		86	J	700	ug/Kg	8270D
Acenaphthylene		190	J	700	ug/Kg	8270D
Anthracene		390	J	700	ug/Kg	8270D
Benzo[a]anthracene		1500		70	ug/Kg	8270D
Benzo[a]pyrene		1400	*	70	ug/Kg	8270D
Benzo[b]fluoranthene		1800		70	ug/Kg	8270D
Benzo[g,h,i]perylene		1800		700	ug/Kg	8270D
Benzo[k]fluoranthene		560		70	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		170	J	700	ug/Kg	8270D
Butyl benzyl phthalate		68	J	700	ug/Kg	8270D
Carbazole		150	J	700	ug/Kg	8270D
Chrysene		1500		700	ug/Kg	8270D
Dibenz(a,h)anthracene		360		70	ug/Kg	8270D
Dibenzofuran		54	J	700	ug/Kg	8270D
Fluoranthene		2800		700	ug/Kg	8270D
Fluorene		100	J	700	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		1800		70	ug/Kg	8270D
Naphthalene		70	J	700	ug/Kg	8270D
Phenanthrene		1400		700	ug/Kg	8270D
Pyrene		2300		700	ug/Kg	8270D
4,4'-DDT		4.7	J	7.2	ug/Kg	8081B
Aluminum		6420		42.4	mg/Kg	6010C
Arsenic		1.6	J	3.2	mg/Kg	6010C
Barium		121		42.4	mg/Kg	6010C
Calcium		45300		1060	mg/Kg	6010C
Cobalt		5.0	J	10.6	mg/Kg	6010C
Chromium		12.3		2.1	mg/Kg	6010C
Copper		22.7		5.3	mg/Kg	6010C
Iron		11400		31.8	mg/Kg	6010C
Potassium		1420		1060	mg/Kg	6010C
Magnesium		21500		1060	mg/Kg	6010C
Manganese		235		3.2	mg/Kg	6010C
Sodium		216	J	1060	mg/Kg	6010C
Nickel		13.0		8.5	mg/Kg	6010C
Lead		134		2.1	mg/Kg	6010C
Vanadium		17.7		10.6	mg/Kg	6010C
Zinc		121		6.4	mg/Kg	6010C
Mercury		0.17		0.018	mg/Kg	7471B
Percent Moisture		6.5		1.0	%	Moisture
Percent Solids		93.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-8	**SB-2(11-13)**					
Methylene Chloride		0.77	J B	1.2	ug/L	8260C
Acetone		22	B	6.0	ug/L	8260C
Tetrachloroethene		2.7		1.2	ug/L	8260C
Toluene		0.45	J	1.2	ug/L	8260C
2-Methylnaphthalene		31	J	370	ug/Kg	8270D
Acenaphthene		65	J	370	ug/Kg	8270D
Acenaphthylene		130	J	370	ug/Kg	8270D
Anthracene		270	J	370	ug/Kg	8270D
Benzo[a]anthracene		1100		37	ug/Kg	8270D
Benzo[a]pyrene		1100	*	37	ug/Kg	8270D
Benzo[b]fluoranthene		1300		37	ug/Kg	8270D
Benzo[g,h,i]perylene		1200		370	ug/Kg	8270D
Benzo[k]fluoranthene		450		37	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		72	J	370	ug/Kg	8270D
Butyl benzyl phthalate		32	J	370	ug/Kg	8270D
Carbazole		100	J	370	ug/Kg	8270D
Chrysene		1200		370	ug/Kg	8270D
Dibenz(a,h)anthracene		250		37	ug/Kg	8270D
Dibenzofuran		44	J	370	ug/Kg	8270D
Fluoranthene		2200		370	ug/Kg	8270D
Fluorene		77	J	370	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		1200		37	ug/Kg	8270D
Isophorone		35	J	150	ug/Kg	8270D
Naphthalene		65	J	370	ug/Kg	8270D
Phenanthrene		1200		370	ug/Kg	8270D
Pyrene		1800		370	ug/Kg	8270D
4,4'-DDD		4.6	J	7.5	ug/Kg	8081B
4,4'-DDT		9.2		7.5	ug/Kg	8081B
Aluminum		8990		43.1	mg/Kg	6010C
Arsenic		3.6		3.2	mg/Kg	6010C
Barium		202		43.1	mg/Kg	6010C
Beryllium		0.33	J	0.43	mg/Kg	6010C
Calcium		31900		1080	mg/Kg	6010C
Cobalt		6.0	J	10.8	mg/Kg	6010C
Chromium		16.5		2.2	mg/Kg	6010C
Copper		29.1		5.4	mg/Kg	6010C
Iron		15300		32.3	mg/Kg	6010C
Potassium		1510		1080	mg/Kg	6010C
Magnesium		7030		1080	mg/Kg	6010C
Manganese		384		3.2	mg/Kg	6010C
Sodium		487	J	1080	mg/Kg	6010C
Nickel		16.9		8.6	mg/Kg	6010C
Lead		387		2.2	mg/Kg	6010C
Vanadium		25.4		10.8	mg/Kg	6010C
Zinc		277		6.5	mg/Kg	6010C
Mercury		0.29		0.018	mg/Kg	7471B

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Moisture		10.7		1.0	%	Moisture
Percent Solids		89.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-9	**SB-10(0-2)**					
Acetone		11	B	6.1	ug/L	8260C
Tetrachloroethene		0.58	J	1.2	ug/L	8260C
Toluene		0.67	J	1.2	ug/L	8260C
2-Methylnaphthalene		9.9	J	360	ug/Kg	8270D
Acenaphthene		10	J	360	ug/Kg	8270D
Acenaphthylene		44	J	360	ug/Kg	8270D
Anthracene		53	J	360	ug/Kg	8270D
Benzo[a]anthracene		310		36	ug/Kg	8270D
Benzo[a]pyrene		330	*	36	ug/Kg	8270D
Benzo[b]fluoranthene		380		36	ug/Kg	8270D
Benzo[g,h,i]perylene		480		360	ug/Kg	8270D
Benzo[k]fluoranthene		160		36	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		71	J	360	ug/Kg	8270D
Carbazole		22	J	360	ug/Kg	8270D
Chrysene		330	J	360	ug/Kg	8270D
Dibenz(a,h)anthracene		77		36	ug/Kg	8270D
Fluoranthene		530		360	ug/Kg	8270D
Fluorene		12	J	360	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		460		36	ug/Kg	8270D
Naphthalene		61	J	360	ug/Kg	8270D
Phenanthrene		210	J	360	ug/Kg	8270D
Pyrene		510		360	ug/Kg	8270D
4,4'-DDT		2.1	J	7.4	ug/Kg	8081B
Aluminum		7390		43.8	mg/Kg	6010C
Arsenic		1.8	J	3.3	mg/Kg	6010C
Barium		109		43.8	mg/Kg	6010C
Calcium		42200		1100	mg/Kg	6010C
Cobalt		5.4	J	11.0	mg/Kg	6010C
Chromium		14.1		2.2	mg/Kg	6010C
Copper		26.0		5.5	mg/Kg	6010C
Iron		11200		32.9	mg/Kg	6010C
Potassium		1760		1100	mg/Kg	6010C
Magnesium		18700		1100	mg/Kg	6010C
Manganese		301		3.3	mg/Kg	6010C
Sodium		274	J	1100	mg/Kg	6010C
Nickel		13.8		8.8	mg/Kg	6010C
Lead		163		2.2	mg/Kg	6010C
Vanadium		18.3		11.0	mg/Kg	6010C
Zinc		97.2		6.6	mg/Kg	6010C
Mercury		0.24		0.018	mg/Kg	7471B
Percent Moisture		9.6		1.0	%	Moisture
Percent Solids		90.4		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-10	**SB-10(11-13)**					
Acetone		13	B	5.7	ug/L	8260C
Tetrachloroethene		0.77	J	1.1	ug/L	8260C
Toluene		1.0	J	1.1	ug/L	8260C
Cyclohexane		0.33	J	1.1	ug/L	8260C
Aluminum		6630		40.8	mg/Kg	6010C
Barium		52.3		40.8	mg/Kg	6010C
Calcium		82200		2550	mg/Kg	6010C
Cadmium		0.39	J	0.82	mg/Kg	6010C
Cobalt		5.0	J	10.2	mg/Kg	6010C
Chromium		10.2		2.0	mg/Kg	6010C
Copper		15.9		5.1	mg/Kg	6010C
Iron		9320		30.6	mg/Kg	6010C
Potassium		1500		1020	mg/Kg	6010C
Magnesium		54600		2550	mg/Kg	6010C
Manganese		1060		3.1	mg/Kg	6010C
Nickel		14.9		8.2	mg/Kg	6010C
Lead		8.7		2.0	mg/Kg	6010C
Vanadium		14.9		10.2	mg/Kg	6010C
Zinc		33.5		6.1	mg/Kg	6010C
Percent Moisture		7.4		1.0	%	Moisture
Percent Solids		92.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-11	**SB-3(0-2)**					
Acetone		7.5	B	5.5	ug/L	8260C
Toluene		0.62	J	1.1	ug/L	8260C
2-Methylnaphthalene		18	J	700	ug/Kg	8270D
Acenaphthene		31	J	700	ug/Kg	8270D
Acenaphthylene		76	J	700	ug/Kg	8270D
Anthracene		180	J	700	ug/Kg	8270D
Benzo[a]anthracene		550		70	ug/Kg	8270D
Benzo[a]pyrene		480	*	70	ug/Kg	8270D
Benzo[b]fluoranthene		550	*	70	ug/Kg	8270D
Benzo[g,h,i]perylene		450	J	700	ug/Kg	8270D
Benzo[k]fluoranthene		240		70	ug/Kg	8270D
Carbazole		88	J	700	ug/Kg	8270D
Chrysene		530	J	700	ug/Kg	8270D
Dibenz(a,h)anthracene		100		70	ug/Kg	8270D
Dibenzofuran		30	J	700	ug/Kg	8270D
Fluoranthene		1200		700	ug/Kg	8270D
Fluorene		43	J	700	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		500		70	ug/Kg	8270D
Isophorone		4200		280	ug/Kg	8270D
Phenanthrene		800		700	ug/Kg	8270D
Pyrene		830		700	ug/Kg	8270D
Aluminum		8710		41.4	mg/Kg	6010C
Arsenic		1.1	J	3.1	mg/Kg	6010C
Barium		74.0		41.4	mg/Kg	6010C
Calcium		29500		1040	mg/Kg	6010C
Cobalt		6.7	J	10.4	mg/Kg	6010C
Chromium		22.5		2.1	mg/Kg	6010C
Copper		29.3		5.2	mg/Kg	6010C
Iron		13500		31.1	mg/Kg	6010C
Potassium		1440		1040	mg/Kg	6010C
Magnesium		6230		1040	mg/Kg	6010C
Manganese		241		3.1	mg/Kg	6010C
Sodium		447	J	1040	mg/Kg	6010C
Nickel		16.6		8.3	mg/Kg	6010C
Lead		14.8		2.1	mg/Kg	6010C
Vanadium		29.5		10.4	mg/Kg	6010C
Zinc		36.3		6.2	mg/Kg	6010C
Mercury		0.036		0.018	mg/Kg	7471B
Percent Moisture		6.2		1.0	%	Moisture
Percent Solids		93.8		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-12	**SB-3(11-13)**					
Methylene Chloride		2.0		1.3	ug/L	8260C
Acetone		12	B	6.5	ug/L	8260C
Toluene		0.90	J	1.3	ug/L	8260C
Aluminum		7530		42.4	mg/Kg	6010C
Barium		67.8		42.4	mg/Kg	6010C
Beryllium		0.30	J	0.42	mg/Kg	6010C
Calcium		1370		1060	mg/Kg	6010C
Cobalt		8.0	J	10.6	mg/Kg	6010C
Chromium		20.0		2.1	mg/Kg	6010C
Copper		28.8		5.3	mg/Kg	6010C
Iron		15900		31.8	mg/Kg	6010C
Potassium		2650		1060	mg/Kg	6010C
Magnesium		4200		1060	mg/Kg	6010C
Manganese		231		3.2	mg/Kg	6010C
Sodium		153	J	1060	mg/Kg	6010C
Nickel		19.9		8.5	mg/Kg	6010C
Lead		5.6		2.1	mg/Kg	6010C
Vanadium		23.0		10.6	mg/Kg	6010C
Zinc		46.9		6.4	mg/Kg	6010C
Percent Moisture		11.8		1.0	%	Moisture
Percent Solids		88.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-13	**SB-4(0-2)**					
Acetone		25	B	7.0	ug/L	8260C
Carbon disulfide		0.65	J	1.4	ug/L	8260C
2-Butanone (MEK)		2.7	J	7.0	ug/L	8260C
Benzene		0.26	J	1.4	ug/L	8260C
Tetrachloroethene		0.69	J	1.4	ug/L	8260C
Toluene		0.49	J	1.4	ug/L	8260C
1,1'-Biphenyl		140	J	760	ug/Kg	8270D
2-Methylnaphthalene		390	J	760	ug/Kg	8270D
4-Methylphenol		29	J	760	ug/Kg	8270D
Acenaphthene		310	J	760	ug/Kg	8270D
Acenaphthylene		840		760	ug/Kg	8270D
Anthracene		1500		760	ug/Kg	8270D
Benzo[a]anthracene		3400		76	ug/Kg	8270D
Benzo[a]pyrene		3200		76	ug/Kg	8270D
Benzo[b]fluoranthene		3700		76	ug/Kg	8270D
Benzo[g,h,i]perylene		3300		760	ug/Kg	8270D
Benzo[k]fluoranthene		1600		76	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		1500		760	ug/Kg	8270D
Butyl benzyl phthalate		99	J	760	ug/Kg	8270D
Carbazole		710	J	760	ug/Kg	8270D
Chrysene		3600		760	ug/Kg	8270D
Dibenz(a,h)anthracene		800		76	ug/Kg	8270D
Dibenzofuran		780		760	ug/Kg	8270D
Di-n-butyl phthalate		900		760	ug/Kg	8270D
Fluoranthene		9100		760	ug/Kg	8270D
Fluorene		1100		760	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		3500		76	ug/Kg	8270D
Naphthalene		850		760	ug/Kg	8270D
Phenanthrene		8900		760	ug/Kg	8270D
Pyrene		6200		760	ug/Kg	8270D
4,4'-DDD		27		7.7	ug/Kg	8081B
4,4'-DDE		10		7.7	ug/Kg	8081B
4,4'-DDT		6.1	J	7.7	ug/Kg	8081B
Aluminum		8290		44.2	mg/Kg	6010C
Arsenic		5.8		3.3	mg/Kg	6010C
Barium		621		44.2	mg/Kg	6010C
Calcium		43300		1100	mg/Kg	6010C
Cadmium		0.64	J	0.88	mg/Kg	6010C
Cobalt		4.5	J	11.0	mg/Kg	6010C
Chromium		17.2		2.2	mg/Kg	6010C
Copper		30.3		5.5	mg/Kg	6010C
Iron		13900		33.1	mg/Kg	6010C
Potassium		1120		1100	mg/Kg	6010C
Magnesium		6120		1100	mg/Kg	6010C
Manganese		328		3.3	mg/Kg	6010C
Sodium		860	J	1100	mg/Kg	6010C

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Nickel		14.2		8.8	mg/Kg	6010C
Lead		1230		2.2	mg/Kg	6010C
Vanadium		26.3		11.0	mg/Kg	6010C
Zinc		459		6.6	mg/Kg	6010C
Mercury		0.55		0.019	mg/Kg	7471B
Percent Moisture		13.7		1.0	%	Moisture
Percent Solids		86.3		1.0	%	Moisture
460-89956-14	**SB-4(11-13)**					
Methylene Chloride		0.83	J	1.0	ug/L	8260C
Acetone		5.0	J B	5.1	ug/L	8260C
Tetrachloroethene		2.1		1.0	ug/L	8260C
Toluene		0.50	J	1.0	ug/L	8260C
Aluminum		1890		42.5	mg/Kg	6010C
Barium		7.9	J	42.5	mg/Kg	6010C
Calcium		18300		1060	mg/Kg	6010C
Cobalt		2.1	J	10.6	mg/Kg	6010C
Chromium		4.0		2.1	mg/Kg	6010C
Copper		7.6		5.3	mg/Kg	6010C
Iron		3880		31.8	mg/Kg	6010C
Potassium		391	J	1060	mg/Kg	6010C
Magnesium		11200		1060	mg/Kg	6010C
Manganese		106		3.2	mg/Kg	6010C
Nickel		5.0	J	8.5	mg/Kg	6010C
Lead		1.9	J	2.1	mg/Kg	6010C
Vanadium		5.5	J	10.6	mg/Kg	6010C
Zinc		10.7		6.4	mg/Kg	6010C
Percent Moisture		8.5		1.0	%	Moisture
Percent Solids		91.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-15	**SB-4D(11-13)**					
Acetone		5.2	B	4.7	ug/L	8260C
Carbon disulfide		0.27	J	0.94	ug/L	8260C
Tetrachloroethene		0.44	J	0.94	ug/L	8260C
Toluene		0.46	J	0.94	ug/L	8260C
Fluoranthene		16	J	360	ug/Kg	8270D
Phenanthrene		15	J	360	ug/Kg	8270D
Aluminum		4640		42.5	mg/Kg	6010C
Arsenic		1.2	J	3.2	mg/Kg	6010C
Barium		33.8	J	42.5	mg/Kg	6010C
Calcium		7240		1060	mg/Kg	6010C
Cobalt		5.5	J	10.6	mg/Kg	6010C
Chromium		10.8		2.1	mg/Kg	6010C
Copper		22.4		5.3	mg/Kg	6010C
Iron		10300		31.9	mg/Kg	6010C
Potassium		1630		1060	mg/Kg	6010C
Magnesium		6300		1060	mg/Kg	6010C
Manganese		140		3.2	mg/Kg	6010C
Sodium		149	J	1060	mg/Kg	6010C
Nickel		11.8		8.5	mg/Kg	6010C
Lead		4.6		2.1	mg/Kg	6010C
Vanadium		18.4		10.6	mg/Kg	6010C
Zinc		29.1		6.4	mg/Kg	6010C
Percent Moisture		7.7		1.0	%	Moisture
Percent Solids		92.3		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-16	**SB-7(0-2)**					
Acetone		6.6	B	4.2	ug/L	8260C
Tetrachloroethene		3.0		0.83	ug/L	8260C
Acenaphthylene		63	J	710	ug/Kg	8270D
Anthracene		73	J	710	ug/Kg	8270D
Benzo[a]anthracene		300		71	ug/Kg	8270D
Benzo[a]pyrene		320		71	ug/Kg	8270D
Benzo[b]fluoranthene		430		71	ug/Kg	8270D
Benzo[g,h,i]perylene		440	J	710	ug/Kg	8270D
Benzo[k]fluoranthene		120		71	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		64	J	710	ug/Kg	8270D
Carbazole		41	J	710	ug/Kg	8270D
Chrysene		350	J	710	ug/Kg	8270D
Dibenz(a,h)anthracene		80		71	ug/Kg	8270D
Fluoranthene		550	J	710	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		450		71	ug/Kg	8270D
Naphthalene		19	J	710	ug/Kg	8270D
Phenanthrene		280	J	710	ug/Kg	8270D
Pyrene		420	J	710	ug/Kg	8270D
4,4'-DDT		3.0	J	7.2	ug/Kg	8081B
Aluminum		7310		42.6	mg/Kg	6010C
Arsenic		3.3		3.2	mg/Kg	6010C
Barium		110		42.6	mg/Kg	6010C
Calcium		21300		1070	mg/Kg	6010C
Cobalt		5.6	J	10.7	mg/Kg	6010C
Chromium		27.6		2.1	mg/Kg	6010C
Copper		25.2		5.3	mg/Kg	6010C
Iron		14200		32.0	mg/Kg	6010C
Potassium		1320		1070	mg/Kg	6010C
Magnesium		8710		1070	mg/Kg	6010C
Manganese		291		3.2	mg/Kg	6010C
Sodium		420	J	1070	mg/Kg	6010C
Nickel		15.9		8.5	mg/Kg	6010C
Lead		139		2.1	mg/Kg	6010C
Vanadium		22.4		10.7	mg/Kg	6010C
Zinc		103		6.4	mg/Kg	6010C
Mercury		0.29		0.018	mg/Kg	7471B
Percent Moisture		7.1		1.0	%	Moisture
Percent Solids		92.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-17	**SB-7(11-13)**					
Methylene Chloride		1.1	J	1.2	ug/L	8260C
Acetone		78	B	6.0	ug/L	8260C
Carbon disulfide		2.1		1.2	ug/L	8260C
Trichlorofluoromethane		1.6		1.2	ug/L	8260C
cis-1,2-Dichloroethene		0.29	J	1.2	ug/L	8260C
2-Butanone (MEK)		7.6		6.0	ug/L	8260C
Trichloroethene		0.52	J	1.2	ug/L	8260C
Benzene		2.4		1.2	ug/L	8260C
4-Methyl-2-pentanone (MIBK)		79		6.0	ug/L	8260C
Tetrachloroethene		24		1.2	ug/L	8260C
Toluene		8.6		1.2	ug/L	8260C
Ethylbenzene		3.0		1.2	ug/L	8260C
Styrene		13		1.2	ug/L	8260C
m-Xylene & p-Xylene		11		1.2	ug/L	8260C
o-Xylene		1.6		1.2	ug/L	8260C
Cyclohexane		0.40	J	1.2	ug/L	8260C
1,4-Dichlorobenzene		0.48	J	1.2	ug/L	8260C
Isopropylbenzene		1.9		1.2	ug/L	8260C
2-Methylnaphthalene		18	J	360	ug/Kg	8270D
Acenaphthene		36	J	360	ug/Kg	8270D
Acenaphthylene		41	J	360	ug/Kg	8270D
Anthracene		100	J	360	ug/Kg	8270D
Benzo[a]anthracene		450		36	ug/Kg	8270D
Benzo[a]pyrene		460		36	ug/Kg	8270D
Benzo[b]fluoranthene		600		36	ug/Kg	8270D
Benzo[g,h,i]perylene		560		360	ug/Kg	8270D
Benzo[k]fluoranthene		200		36	ug/Kg	8270D
Bis(2-ethylhexyl) phthalate		65	J	360	ug/Kg	8270D
Butyl benzyl phthalate		72	J	360	ug/Kg	8270D
Carbazole		83	J	360	ug/Kg	8270D
Chrysene		500		360	ug/Kg	8270D
Dibenz(a,h)anthracene		100		36	ug/Kg	8270D
Dibenzofuran		27	J	360	ug/Kg	8270D
Fluoranthene		980		360	ug/Kg	8270D
Fluorene		33	J	360	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		540		36	ug/Kg	8270D
Isophorone		540		150	ug/Kg	8270D
Naphthalene		30	J	360	ug/Kg	8270D
Phenanthrene		720		360	ug/Kg	8270D
Pyrene		860		360	ug/Kg	8270D
4,4'-DDD		2.1	J	7.3	ug/Kg	8081B
4,4'-DDE		3.3	J	7.3	ug/Kg	8081B
4,4'-DDT		20		7.3	ug/Kg	8081B
Aluminum		7220		43.0	mg/Kg	6010C
Arsenic		3.4		3.2	mg/Kg	6010C
Barium		126		43.0	mg/Kg	6010C

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Calcium		30800		1070	mg/Kg	6010C
Cobalt		5.6	J	10.7	mg/Kg	6010C
Chromium		15.2		2.1	mg/Kg	6010C
Copper		32.4		5.4	mg/Kg	6010C
Iron		16100		32.2	mg/Kg	6010C
Potassium		1360		1070	mg/Kg	6010C
Magnesium		7260		1070	mg/Kg	6010C
Manganese		416		3.2	mg/Kg	6010C
Sodium		448	J	1070	mg/Kg	6010C
Nickel		14.9		8.6	mg/Kg	6010C
Lead		155		2.1	mg/Kg	6010C
Vanadium		19.8		10.7	mg/Kg	6010C
Zinc		105		6.4	mg/Kg	6010C
Mercury		0.25		0.017	mg/Kg	7471B
Percent Moisture		8.8		1.0	%	Moisture
Percent Solids		91.2		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-18	**SB-8(0-2)**					
Acetone		14	B	6.5	ug/L	8260C
Tetrachloroethene		1.1	J	1.3	ug/L	8260C
Toluene		0.99	J	1.3	ug/L	8260C
Cyclohexane		0.42	J	1.3	ug/L	8260C
Acenaphthylene		40	J	360	ug/Kg	8270D
Anthracene		43	J	360	ug/Kg	8270D
Benzo[a]anthracene		250		36	ug/Kg	8270D
Benzo[a]pyrene		280		36	ug/Kg	8270D
Benzo[b]fluoranthene		350		36	ug/Kg	8270D
Benzo[g,h,i]perylene		400		360	ug/Kg	8270D
Benzo[k]fluoranthene		100		36	ug/Kg	8270D
Carbazole		15	J	360	ug/Kg	8270D
Chrysene		300	J	360	ug/Kg	8270D
Dibenz(a,h)anthracene		70		36	ug/Kg	8270D
Di-n-butyl phthalate		14	J	360	ug/Kg	8270D
Fluoranthene		420		360	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		350		36	ug/Kg	8270D
Naphthalene		15	J	360	ug/Kg	8270D
Phenanthrene		150	J	360	ug/Kg	8270D
Pyrene		500		360	ug/Kg	8270D
4,4'-DDT		3.3	J	7.3	ug/Kg	8081B
Aluminum		8500		40.8	mg/Kg	6010C
Arsenic		2.0	J	3.1	mg/Kg	6010C
Barium		98.8		40.8	mg/Kg	6010C
Calcium		28600		1020	mg/Kg	6010C
Cobalt		7.2	J	10.2	mg/Kg	6010C
Chromium		18.1		2.0	mg/Kg	6010C
Copper		26.8		5.1	mg/Kg	6010C
Iron		13800		30.6	mg/Kg	6010C
Potassium		2070		1020	mg/Kg	6010C
Magnesium		18000		1020	mg/Kg	6010C
Manganese		389		3.1	mg/Kg	6010C
Sodium		258	J	1020	mg/Kg	6010C
Nickel		16.7		8.2	mg/Kg	6010C
Lead		96.6		2.0	mg/Kg	6010C
Vanadium		23.8		10.2	mg/Kg	6010C
Zinc		99.9		6.1	mg/Kg	6010C
Mercury		0.21		0.018	mg/Kg	7471B
Percent Moisture		8.3		1.0	%	Moisture
Percent Solids		91.7		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-19	**SB-8(11-13)**					
Methylene Chloride		0.61	J	1.2	ug/L	8260C
Acetone		7.7	B	6.1	ug/L	8260C
Aluminum		6670		40.2	mg/Kg	6010C
Arsenic		1.3	J	3.0	mg/Kg	6010C
Barium		45.7		40.2	mg/Kg	6010C
Calcium		2770		1000	mg/Kg	6010C
Cobalt		6.0	J	10.0	mg/Kg	6010C
Chromium		17.2		2.0	mg/Kg	6010C
Copper		22.7		5.0	mg/Kg	6010C
Iron		10200		30.1	mg/Kg	6010C
Potassium		1020		1000	mg/Kg	6010C
Magnesium		3630		1000	mg/Kg	6010C
Manganese		311		3.0	mg/Kg	6010C
Sodium		284	J	1000	mg/Kg	6010C
Nickel		15.7		8.0	mg/Kg	6010C
Lead		6.6		2.0	mg/Kg	6010C
Vanadium		18.2		10.0	mg/Kg	6010C
Zinc		28.8		6.0	mg/Kg	6010C
Mercury		0.018		0.016	mg/Kg	7471B
Percent Moisture		3.4		1.0	%	Moisture
Percent Solids		96.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-20	**SB-6(0-2)**					
Acetone		9.1	B	5.6	ug/L	8260C
Tetrachloroethene		0.85	J	1.1	ug/L	8260C
2-Methylnaphthalene		11	J	360	ug/Kg	8270D
Acenaphthene		23	J	360	ug/Kg	8270D
Acenaphthylene		17	J	360	ug/Kg	8270D
Anthracene		77	J	360	ug/Kg	8270D
Benzo[a]anthracene		370		36	ug/Kg	8270D
Benzo[a]pyrene		380		36	ug/Kg	8270D
Benzo[b]fluoranthene		440		36	ug/Kg	8270D
Benzo[g,h,i]perylene		380		360	ug/Kg	8270D
Benzo[k]fluoranthene		170		36	ug/Kg	8270D
Carbazole		24	J	360	ug/Kg	8270D
Chrysene		390		360	ug/Kg	8270D
Dibenz(a,h)anthracene		46		36	ug/Kg	8270D
Fluoranthene		630		360	ug/Kg	8270D
Fluorene		20	J	360	ug/Kg	8270D
Indeno[1,2,3-cd]pyrene		410		36	ug/Kg	8270D
Isophorone		44	J	140	ug/Kg	8270D
Naphthalene		18	J	360	ug/Kg	8270D
Phenanthrene		390		360	ug/Kg	8270D
Pyrene		730		360	ug/Kg	8270D
4,4'-DDT		5.7	J	7.2	ug/Kg	8081B
Aluminum		8320		41.1	mg/Kg	6010C
Arsenic		2.2	J	3.1	mg/Kg	6010C
Barium		101		41.1	mg/Kg	6010C
Calcium		22500		1030	mg/Kg	6010C
Cobalt		7.0	J	10.3	mg/Kg	6010C
Chromium		17.5		2.1	mg/Kg	6010C
Copper		26.9		5.1	mg/Kg	6010C
Iron		14800		30.8	mg/Kg	6010C
Potassium		2160		1030	mg/Kg	6010C
Magnesium		12900		1030	mg/Kg	6010C
Manganese		310		3.1	mg/Kg	6010C
Sodium		382	J	1030	mg/Kg	6010C
Nickel		16.8		8.2	mg/Kg	6010C
Lead		102		2.1	mg/Kg	6010C
Vanadium		24.5		10.3	mg/Kg	6010C
Zinc		105		6.2	mg/Kg	6010C
Mercury		0.17		0.017	mg/Kg	7471B
Percent Moisture		7.4		1.0	%	Moisture
Percent Solids		92.6		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-89956-21	**SB-6(11-13)**					
Acetone		5.9	B	4.6	ug/L	8260C
Tetrachloroethene		0.25	J	0.92	ug/L	8260C
Toluene		0.75	J	0.92	ug/L	8260C
Aluminum		9320		40.9	mg/Kg	6010C
Barium		27.8	J	40.9	mg/Kg	6010C
Calcium		124000		5120	mg/Kg	6010C
Cobalt		4.4	J	10.2	mg/Kg	6010C
Chromium		11.8		2.0	mg/Kg	6010C
Copper		13.5		5.1	mg/Kg	6010C
Iron		10100		30.7	mg/Kg	6010C
Potassium		1360		1020	mg/Kg	6010C
Magnesium		89300		5120	mg/Kg	6010C
Manganese		405		3.1	mg/Kg	6010C
Sodium		221	J	1020	mg/Kg	6010C
Nickel		14.4		8.2	mg/Kg	6010C
Lead		3.9		2.0	mg/Kg	6010C
Vanadium		17.6		10.2	mg/Kg	6010C
Zinc		21.1		6.1	mg/Kg	6010C
Mercury		0.016	J	0.018	mg/Kg	7471B
Percent Moisture		6.0		1.0	%	Moisture
Percent Solids		94.0		1.0	%	Moisture

METHOD SUMMARY

Client: FPM Group Limited

Job Number: 460-89956-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Microwave Extraction	TAL EDI		SW846 3546
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081B	
Microwave Extraction	TAL EDI		SW846 3546
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
Microwave Extraction	TAL EDI		SW846 3546
Metals (ICP)	TAL EDI	SW846 6010C	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	TAL EDI	SW846 7471B	
Preparation, Mercury	TAL EDI		SW846 7471B
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: FPM Group Limited

Job Number: 460-89956-1

Method	Analyst	Analyst ID
SW846 8260C	Boykin, Kenneth	KLB
SW846 8260C	Starzec, Margaret	MZS
SW846 8260C	Tupayachi, Audberto	AAT
SW846 8270D	Szczech, Anna	AAS
SW846 8270D	Zhao, Chunxin	CAZ
SW846 8081B	Foleyson, Temitope S	TSF
SW846 8082A	Boykin, Carol B	CBB
SW846 8082A	Patel, Jignesh	JHP
SW846 6010C	Chang, Churn Der	CDC
SW846 6010C	Huang, Yixin	YZH
SW846 7471B	Staib, Thomas	TJS
EPA Moisture	Armbruster, Chris	CJA

SAMPLE SUMMARY

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-89956-1	SB-1(0-2)	Solid	01/31/2015 1510	02/02/2015 1540
460-89956-2	SB-1(11-13)	Solid	01/31/2015 1520	02/02/2015 1540
460-89956-3	SB-5(0-2)	Solid	01/31/2015 1540	02/02/2015 1540
460-89956-4	SB-5(11-13)	Solid	01/31/2015 1550	02/02/2015 1540
460-89956-5	SB-9(0-2)	Solid	01/31/2015 1400	02/02/2015 1540
460-89956-6	SB-9(11-13)	Solid	01/31/2015 1410	02/02/2015 1540
460-89956-7	SB-2(0-2)	Solid	01/31/2015 1430	02/02/2015 1540
460-89956-8	SB-2(11-13)	Solid	01/31/2015 1440	02/02/2015 1540
460-89956-9	SB-10(0-2)	Solid	01/31/2015 1110	02/02/2015 1540
460-89956-10	SB-10(11-13)	Solid	01/31/2015 1120	02/02/2015 1540
460-89956-11	SB-3(0-2)	Solid	01/31/2015 1330	02/02/2015 1540
460-89956-12	SB-3(11-13)	Solid	01/31/2015 1340	02/02/2015 1540
460-89956-13	SB-4(0-2)	Solid	01/31/2015 1240	02/02/2015 1540
460-89956-14	SB-4(11-13)	Solid	01/31/2015 1250	02/02/2015 1540
460-89956-15	SB-4D(11-13)	Solid	01/31/2015 1300	02/02/2015 1540
460-89956-16	SB-7(0-2)	Solid	01/31/2015 1045	02/02/2015 1540
460-89956-17	SB-7(11-13)	Solid	01/31/2015 1100	02/02/2015 1540
460-89956-18	SB-8(0-2)	Solid	01/31/2015 1020	02/02/2015 1540
460-89956-19	SB-8(11-13)	Solid	01/31/2015 1030	02/02/2015 1540
460-89956-20	SB-6(0-2)	Solid	01/31/2015 1140	02/02/2015 1540
460-89956-21	SB-6(11-13)	Solid	01/31/2015 1150	02/02/2015 1540
460-89956-22TB	TB0131	Water	01/31/2015 1000	02/02/2015 1540

SAMPLE RESULTS

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95701.D
Dilution:	1.0			Initial Weight/Volume:	4.798 g
Analysis Date:	02/06/2015 0009			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1753				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.27	1.2
Bromomethane		1.2	U	0.42	1.2
Vinyl chloride		1.2	U	0.28	1.2
Chloroethane		1.2	U	0.57	1.2
Methylene Chloride		0.94	J B	0.45	1.2
Acetone		13	B	0.27	5.9
Carbon disulfide		1.2	U	0.20	1.2
Trichlorofluoromethane		1.2	U	0.22	1.2
1,1-Dichloroethene		1.2	U	0.27	1.2
1,1-Dichloroethane		1.2	U	0.21	1.2
trans-1,2-Dichloroethene		1.2	U	0.25	1.2
cis-1,2-Dichloroethene		1.2	U	0.26	1.2
Chloroform		1.2	U	0.19	1.2
1,2-Dichloroethane		1.2	U	0.33	1.2
2-Butanone (MEK)		5.9	U	1.7	5.9
1,1,1-Trichloroethane		1.2	U	0.24	1.2
Carbon tetrachloride		1.2	U	0.21	1.2
Dichlorobromomethane		1.2	U	0.19	1.2
1,2-Dichloropropane		1.2	U	0.28	1.2
cis-1,3-Dichloropropene		1.2	U *	0.20	1.2
Trichloroethene		1.2	U	0.24	1.2
Chlorodibromomethane		1.2	U *	0.24	1.2
1,1,2-Trichloroethane		1.2	U	0.28	1.2
Benzene		1.2	U	0.22	1.2
trans-1,3-Dichloropropene		1.2	U *	0.21	1.2
Bromoform		1.2	U	0.18	1.2
4-Methyl-2-pentanone (MIBK)		5.9	U	0.80	5.9
2-Hexanone		5.9	U *	0.81	5.9
Tetrachloroethene		1.2	U	0.24	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.15	1.2
Toluene		0.42	J	0.32	1.2
Chlorobenzene		1.2	U	0.20	1.2
Ethylbenzene		1.2	U	0.17	1.2
Styrene		1.2	U	0.28	1.2
m-Xylene & p-Xylene		1.2	U	0.25	1.2
o-Xylene		1.2	U	0.20	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane		1.2	U	0.25	1.2
Methyl tert-butyl ether		1.2	U	0.24	1.2
Cyclohexane		1.2	U	0.25	1.2
Ethylene Dibromide		1.2	U	0.21	1.2
1,3-Dichlorobenzene		1.2	U	0.24	1.2
1,4-Dichlorobenzene		1.2	U	0.25	1.2
1,2-Dichlorobenzene		1.2	U	0.15	1.2
Dichlorodifluoromethane		1.2	U	0.34	1.2
1,2,4-Trichlorobenzene		1.2	U	0.32	1.2
1,4-Dioxane		24	U	14	24

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95701.D
Dilution:	1.0			Initial Weight/Volume:	4.798 g
Analysis Date:	02/06/2015 0009			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1753				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.2	U	0.39	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	0.54	1.2
Chlorobromomethane		1.2	U	0.37	1.2
Isopropylbenzene		1.2	U	0.22	1.2
Methyl acetate		5.9	U	1.1	5.9
Methylcyclohexane		1.2	U	0.22	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		70 - 130
Toluene-d8 (Surr)	94		70 - 130
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane (Surr)	96		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95701.D
Dilution:	1.0			Initial Weight/Volume:	4.798 g
Analysis Date:	02/06/2015 0009			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1753				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95702.D
Dilution:	1.0			Initial Weight/Volume:	3.866 g
Analysis Date:	02/06/2015 0035			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1753				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.5	U	0.34	1.5
Bromomethane		1.5	U	0.53	1.5
Vinyl chloride		1.5	U	0.36	1.5
Chloroethane		1.5	U	0.71	1.5
Methylene Chloride		1.3	J B	0.56	1.5
Acetone		17	B	0.34	7.4
Carbon disulfide		1.5	U	0.25	1.5
Trichlorofluoromethane		1.5	U	0.28	1.5
1,1-Dichloroethene		1.5	U	0.34	1.5
1,1-Dichloroethane		1.5	U	0.27	1.5
trans-1,2-Dichloroethene		1.5	U	0.31	1.5
cis-1,2-Dichloroethene		1.5	U	0.33	1.5
Chloroform		1.5	U	0.24	1.5
1,2-Dichloroethane		1.5	U	0.41	1.5
2-Butanone (MEK)		7.4	U	2.2	7.4
1,1,1-Trichloroethane		1.5	U	0.30	1.5
Carbon tetrachloride		1.5	U	0.27	1.5
Dichlorobromomethane		1.5	U	0.24	1.5
1,2-Dichloropropane		1.5	U	0.36	1.5
cis-1,3-Dichloropropene		1.5	U *	0.25	1.5
Trichloroethene		1.5	U	0.30	1.5
Chlorodibromomethane		1.5	U *	0.30	1.5
1,1,2-Trichloroethane		1.5	U	0.36	1.5
Benzene		1.5	U	0.28	1.5
trans-1,3-Dichloropropene		1.5	U *	0.27	1.5
Bromoform		1.5	U	0.22	1.5
4-Methyl-2-pentanone (MIBK)		7.4	U	1.0	7.4
2-Hexanone		7.4	U *	1.0	7.4
Tetrachloroethene		0.93	J	0.30	1.5
1,1,2,2-Tetrachloroethane		1.5	U	0.19	1.5
Toluene		0.72	J	0.40	1.5
Chlorobenzene		1.5	U	0.25	1.5
Ethylbenzene		1.5	U	0.21	1.5
Styrene		1.5	U	0.36	1.5
m-Xylene & p-Xylene		1.5	U	0.31	1.5
o-Xylene		1.5	U	0.25	1.5
1,1,2-Trichloro-1,2,2-trifluoroethane		1.5	U	0.31	1.5
Methyl tert-butyl ether		1.5	U	0.30	1.5
Cyclohexane		1.5	U	0.31	1.5
Ethylene Dibromide		1.5	U	0.27	1.5
1,3-Dichlorobenzene		1.5	U	0.30	1.5
1,4-Dichlorobenzene		1.5	U	0.31	1.5
1,2-Dichlorobenzene		1.5	U	0.19	1.5
Dichlorodifluoromethane		1.5	U	0.43	1.5
1,2,4-Trichlorobenzene		1.5	U	0.40	1.5
1,4-Dioxane		30	U	18	30

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95702.D
Dilution:	1.0			Initial Weight/Volume:	3.866 g
Analysis Date:	02/06/2015 0035			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1753				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.5	U	0.49	1.5
1,2-Dibromo-3-Chloropropane		1.5	U	0.68	1.5
Chlorobromomethane		1.5	U	0.46	1.5
Isopropylbenzene		1.5	U	0.28	1.5
Methyl acetate		7.4	U	1.4	7.4
Methylcyclohexane		1.5	U	0.28	1.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109		70 - 130
Toluene-d8 (Surr)	105		70 - 130
4-Bromofluorobenzene	114		70 - 130
Dibromofluoromethane (Surr)	111		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95702.D
Dilution:	1.0			Initial Weight/Volume:	3.866 g
Analysis Date:	02/06/2015 0035			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1753				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95703.D
Dilution:	1.0			Initial Weight/Volume:	5.607 g
Analysis Date:	02/06/2015 0101			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1754				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.97	U	0.22	0.97
Bromomethane		0.97	U	0.35	0.97
Vinyl chloride		0.97	U	0.23	0.97
Chloroethane		0.97	U	0.46	0.97
Methylene Chloride		0.40	J B	0.37	0.97
Acetone		6.8	B	0.22	4.8
Carbon disulfide		0.97	U	0.16	0.97
Trichlorofluoromethane		0.97	U	0.18	0.97
1,1-Dichloroethene		0.97	U	0.22	0.97
1,1-Dichloroethane		0.97	U	0.17	0.97
trans-1,2-Dichloroethene		0.97	U	0.20	0.97
cis-1,2-Dichloroethene		0.97	U	0.21	0.97
Chloroform		0.97	U	0.15	0.97
1,2-Dichloroethane		0.97	U	0.27	0.97
2-Butanone (MEK)		4.8	U	1.4	4.8
1,1,1-Trichloroethane		0.97	U	0.19	0.97
Carbon tetrachloride		0.97	U	0.17	0.97
Dichlorobromomethane		0.97	U	0.15	0.97
1,2-Dichloropropane		0.97	U	0.23	0.97
cis-1,3-Dichloropropene		0.97	U *	0.16	0.97
Trichloroethene		0.97	U	0.19	0.97
Chlorodibromomethane		0.97	U *	0.19	0.97
1,1,2-Trichloroethane		0.97	U	0.23	0.97
Benzene		0.97	U	0.18	0.97
trans-1,3-Dichloropropene		0.97	U *	0.17	0.97
Bromoform		0.97	U	0.15	0.97
4-Methyl-2-pentanone (MIBK)		4.8	U	0.66	4.8
2-Hexanone		4.8	U *	0.67	4.8
Tetrachloroethene		0.59	J	0.19	0.97
1,1,2,2-Tetrachloroethane		0.97	U	0.13	0.97
Toluene		0.35	J	0.26	0.97
Chlorobenzene		0.97	U	0.16	0.97
Ethylbenzene		0.97	U	0.14	0.97
Styrene		0.97	U	0.23	0.97
m-Xylene & p-Xylene		0.97	U	0.20	0.97
o-Xylene		0.97	U	0.16	0.97
1,1,2-Trichloro-1,2,2-trifluoroethane		0.97	U	0.20	0.97
Methyl tert-butyl ether		0.97	U	0.19	0.97
Cyclohexane		0.97	U	0.20	0.97
Ethylene Dibromide		0.97	U	0.17	0.97
1,3-Dichlorobenzene		0.97	U	0.19	0.97
1,4-Dichlorobenzene		0.97	U	0.20	0.97
1,2-Dichlorobenzene		0.97	U	0.13	0.97
Dichlorodifluoromethane		0.97	U	0.28	0.97
1,2,4-Trichlorobenzene		0.97	U	0.26	0.97
1,4-Dioxane		19	U	12	19

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3
Client Matrix: Solid
% Moisture: 7.8

Date Sampled: 01/31/2015 1540
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95703.D
Dilution:	1.0			Initial Weight/Volume:	5.607 g
Analysis Date:	02/06/2015 0101			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1754				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.97	U	0.32	0.97
1,2-Dibromo-3-Chloropropane		0.97	U	0.45	0.97
Chlorobromomethane		0.97	U	0.30	0.97
Isopropylbenzene		0.97	U	0.18	0.97
Methyl acetate		4.8	U	0.91	4.8
Methylcyclohexane		0.97	U	0.18	0.97

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	109		70 - 130
Dibromofluoromethane (Surr)	103		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95703.D
Dilution:	1.0			Initial Weight/Volume:	5.607 g
Analysis Date:	02/06/2015 0101			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1754				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95704.D
Dilution:	1.0			Initial Weight/Volume:	6.041 g
Analysis Date:	02/06/2015 0128			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1754				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.86	U	0.20	0.86
Bromomethane		0.86	U	0.31	0.86
Vinyl chloride		0.86	U	0.21	0.86
Chloroethane		0.86	U	0.41	0.86
Methylene Chloride		0.92	B	0.33	0.86
Acetone		8.1	B	0.20	4.3
Carbon disulfide		0.86	U	0.15	0.86
Trichlorofluoromethane		0.86	U	0.16	0.86
1,1-Dichloroethene		0.86	U	0.20	0.86
1,1-Dichloroethane		0.86	U	0.16	0.86
trans-1,2-Dichloroethene		0.86	U	0.18	0.86
cis-1,2-Dichloroethene		0.86	U	0.19	0.86
Chloroform		0.86	U	0.14	0.86
1,2-Dichloroethane		0.86	U	0.24	0.86
2-Butanone (MEK)		4.3	U	1.3	4.3
1,1,1-Trichloroethane		0.86	U	0.17	0.86
Carbon tetrachloride		0.86	U	0.16	0.86
Dichlorobromomethane		0.86	U	0.14	0.86
1,2-Dichloropropane		0.86	U	0.21	0.86
cis-1,3-Dichloropropene		0.86	U *	0.15	0.86
Trichloroethene		0.86	U	0.17	0.86
Chlorodibromomethane		0.86	U *	0.17	0.86
1,1,2-Trichloroethane		0.86	U	0.21	0.86
Benzene		0.86	U	0.16	0.86
trans-1,3-Dichloropropene		0.86	U *	0.16	0.86
Bromoform		0.86	U	0.13	0.86
4-Methyl-2-pentanone (MIBK)		4.3	U	0.59	4.3
2-Hexanone		4.3	U *	0.59	4.3
Tetrachloroethene		0.34	J	0.17	0.86
1,1,2,2-Tetrachloroethane		0.86	U	0.11	0.86
Toluene		0.62	J	0.23	0.86
Chlorobenzene		0.86	U	0.15	0.86
Ethylbenzene		0.86	U	0.12	0.86
Styrene		0.86	U	0.21	0.86
m-Xylene & p-Xylene		0.86	U	0.18	0.86
o-Xylene		0.86	U	0.15	0.86
1,1,2-Trichloro-1,2,2-trifluoroethane		0.86	U	0.18	0.86
Methyl tert-butyl ether		0.86	U	0.17	0.86
Cyclohexane		0.86	U	0.18	0.86
Ethylene Dibromide		0.86	U	0.16	0.86
1,3-Dichlorobenzene		0.86	U	0.17	0.86
1,4-Dichlorobenzene		0.86	U	0.18	0.86
1,2-Dichlorobenzene		0.86	U	0.11	0.86
Dichlorodifluoromethane		0.86	U	0.25	0.86
1,2,4-Trichlorobenzene		0.86	U	0.23	0.86
1,4-Dioxane		17	U	10	17

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4
Client Matrix: Solid
% Moisture: 4.0
Date Sampled: 01/31/2015 1550
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95704.D
Dilution:	1.0			Initial Weight/Volume:	6.041 g
Analysis Date:	02/06/2015 0128			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1754				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.86	U	0.28	0.86
1,2-Dibromo-3-Chloropropane		0.86	U	0.40	0.86
Chlorobromomethane		0.86	U	0.27	0.86
Isopropylbenzene		0.86	U	0.16	0.86
Methyl acetate		4.3	U	0.81	4.3
Methylcyclohexane		0.86	U	0.16	0.86

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
Toluene-d8 (Surr)	113		70 - 130
4-Bromofluorobenzene	117		70 - 130
Dibromofluoromethane (Surr)	104		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95704.D
Dilution:	1.0			Initial Weight/Volume:	6.041 g
Analysis Date:	02/06/2015 0128			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1754				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95705.D
Dilution:	1.0			Initial Weight/Volume:	5.918 g
Analysis Date:	02/06/2015 0154			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1755				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.93	U	0.21	0.93
Bromomethane		0.93	U	0.33	0.93
Vinyl chloride		0.93	U	0.22	0.93
Chloroethane		0.93	U	0.44	0.93
Methylene Chloride		0.51	J B	0.35	0.93
Acetone		21	B	0.21	4.6
Carbon disulfide		0.93	U	0.16	0.93
Trichlorofluoromethane		0.93	U	0.18	0.93
1,1-Dichloroethene		0.93	U	0.21	0.93
1,1-Dichloroethane		0.93	U	0.17	0.93
trans-1,2-Dichloroethene		0.93	U	0.19	0.93
cis-1,2-Dichloroethene		0.93	U	0.20	0.93
Chloroform		0.93	U	0.15	0.93
1,2-Dichloroethane		0.93	U	0.26	0.93
2-Butanone (MEK)		4.6	U	1.4	4.6
1,1,1-Trichloroethane		0.93	U	0.19	0.93
Carbon tetrachloride		0.93	U	0.17	0.93
Dichlorobromomethane		0.93	U	0.15	0.93
1,2-Dichloropropane		0.93	U	0.22	0.93
cis-1,3-Dichloropropene		0.93	U *	0.16	0.93
Trichloroethene		0.93	U	0.19	0.93
Chlorodibromomethane		0.93	U *	0.19	0.93
1,1,2-Trichloroethane		0.93	U	0.22	0.93
Benzene		0.93	U	0.18	0.93
trans-1,3-Dichloropropene		0.93	U *	0.17	0.93
Bromoform		0.93	U	0.14	0.93
4-Methyl-2-pentanone (MIBK)		4.6	U	0.63	4.6
2-Hexanone		4.6	U *	0.64	4.6
Tetrachloroethene		0.41	J	0.19	0.93
1,1,2,2-Tetrachloroethane		0.93	U	0.12	0.93
Toluene		0.48	J	0.25	0.93
Chlorobenzene		0.93	U	0.16	0.93
Ethylbenzene		0.93	U	0.13	0.93
Styrene		0.93	U	0.22	0.93
m-Xylene & p-Xylene		0.93	U	0.19	0.93
o-Xylene		0.93	U	0.16	0.93
1,1,2-Trichloro-1,2,2-trifluoroethane		0.93	U	0.19	0.93
Methyl tert-butyl ether		0.93	U	0.19	0.93
Cyclohexane		0.93	U	0.19	0.93
Ethylene Dibromide		0.93	U	0.17	0.93
1,3-Dichlorobenzene		0.93	U	0.19	0.93
1,4-Dichlorobenzene		0.93	U	0.19	0.93
1,2-Dichlorobenzene		0.93	U	0.12	0.93
Dichlorodifluoromethane		0.93	U	0.27	0.93
1,2,4-Trichlorobenzene		0.93	U	0.25	0.93
1,4-Dioxane		19	U	11	19

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 01/31/2015 1400
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95705.D
Dilution:	1.0			Initial Weight/Volume:	5.918 g
Analysis Date:	02/06/2015 0154			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1755				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.93	U	0.31	0.93
1,2-Dibromo-3-Chloropropane		0.93	U	0.43	0.93
Chlorobromomethane		0.93	U	0.29	0.93
Isopropylbenzene		0.93	U	0.18	0.93
Methyl acetate		4.6	U	0.87	4.6
Methylcyclohexane		0.93	U	0.18	0.93

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	111		70 - 130
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane (Surr)	105		70 - 130

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5
Client Matrix: Solid
% Moisture: 8.9

Date Sampled: 01/31/2015 1400
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95705.D
Dilution:	1.0			Initial Weight/Volume:	5.918 g
Analysis Date:	02/06/2015 0154			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1755				

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
91-20-3	Naphthalene	13.90	9.8	J N
26730-14-3	Tridecane, 7-methyl-	14.08	4.8	J N
3891-98-3	Dodecane, 2,6,10-trimethyl-	14.83	5.3	J N
	Unknown	15.50	7.3	J
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthal	15.78	4.9	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95706.D
Dilution:	1.0			Initial Weight/Volume:	5.861 g
Analysis Date:	02/06/2015 0221			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1755				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.91	U	0.21	0.91
Bromomethane		0.91	U	0.33	0.91
Vinyl chloride		0.91	U	0.22	0.91
Chloroethane		0.91	U	0.44	0.91
Methylene Chloride		0.58	J B	0.35	0.91
Acetone		6.9	B	0.21	4.6
Carbon disulfide		0.91	U	0.16	0.91
Trichlorofluoromethane		0.91	U	0.17	0.91
1,1-Dichloroethene		0.91	U	0.21	0.91
1,1-Dichloroethane		0.91	U	0.16	0.91
trans-1,2-Dichloroethene		0.91	U	0.19	0.91
cis-1,2-Dichloroethene		0.91	U	0.20	0.91
Chloroform		0.91	U	0.15	0.91
1,2-Dichloroethane		0.91	U	0.26	0.91
2-Butanone (MEK)		4.6	U	1.3	4.6
1,1,1-Trichloroethane		0.91	U	0.18	0.91
Carbon tetrachloride		0.91	U	0.16	0.91
Dichlorobromomethane		0.91	U	0.15	0.91
1,2-Dichloropropane		0.91	U	0.22	0.91
cis-1,3-Dichloropropene		0.91	U *	0.16	0.91
Trichloroethene		0.91	U	0.18	0.91
Chlorodibromomethane		0.91	U *	0.18	0.91
1,1,2-Trichloroethane		0.91	U	0.22	0.91
Benzene		0.91	U	0.17	0.91
trans-1,3-Dichloropropene		0.91	U *	0.16	0.91
Bromoform		0.91	U	0.14	0.91
4-Methyl-2-pentanone (MIBK)		4.6	U	0.62	4.6
2-Hexanone		4.6	U *	0.63	4.6
Tetrachloroethene		0.72	J	0.18	0.91
1,1,2,2-Tetrachloroethane		0.91	U	0.12	0.91
Toluene		0.43	J	0.25	0.91
Chlorobenzene		0.91	U	0.16	0.91
Ethylbenzene		0.91	U	0.13	0.91
Styrene		0.91	U	0.22	0.91
m-Xylene & p-Xylene		0.91	U	0.19	0.91
o-Xylene		0.91	U	0.16	0.91
1,1,2-Trichloro-1,2,2-trifluoroethane		0.91	U	0.19	0.91
Methyl tert-butyl ether		0.91	U	0.18	0.91
Cyclohexane		0.91	U	0.19	0.91
Ethylene Dibromide		0.91	U	0.16	0.91
1,3-Dichlorobenzene		0.91	U	0.18	0.91
1,4-Dichlorobenzene		0.91	U	0.19	0.91
1,2-Dichlorobenzene		0.91	U	0.12	0.91
Dichlorodifluoromethane		0.91	U	0.26	0.91
1,2,4-Trichlorobenzene		0.91	U	0.25	0.91
1,4-Dioxane		18	U	11	18

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95706.D
Dilution:	1.0			Initial Weight/Volume:	5.861 g
Analysis Date:	02/06/2015 0221			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1755				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.91	U	0.30	0.91
1,2-Dibromo-3-Chloropropane		0.91	U	0.42	0.91
Chlorobromomethane		0.91	U	0.28	0.91
Isopropylbenzene		0.91	U	0.17	0.91
Methyl acetate		4.6	U	0.86	4.6
Methylcyclohexane		0.91	U	0.17	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		70 - 130
Toluene-d8 (Surr)	111		70 - 130
4-Bromofluorobenzene	111		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95706.D
Dilution:	1.0			Initial Weight/Volume:	5.861 g
Analysis Date:	02/06/2015 0221			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1755				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95707.D
Dilution:	1.0			Initial Weight/Volume:	5.627 g
Analysis Date:	02/06/2015 0247			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1756				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.95	U	0.22	0.95
Bromomethane		0.95	U	0.34	0.95
Vinyl chloride		0.95	U	0.23	0.95
Chloroethane		0.95	U	0.46	0.95
Methylene Chloride		0.95	U	0.36	0.95
Acetone		9.7	B	0.22	4.8
Carbon disulfide		0.95	U	0.16	0.95
Trichlorofluoromethane		0.95	U	0.18	0.95
1,1-Dichloroethene		0.95	U	0.22	0.95
1,1-Dichloroethane		0.95	U	0.17	0.95
trans-1,2-Dichloroethene		0.95	U	0.20	0.95
cis-1,2-Dichloroethene		0.95	U	0.21	0.95
Chloroform		0.95	U	0.15	0.95
1,2-Dichloroethane		0.95	U	0.27	0.95
2-Butanone (MEK)		4.8	U	1.4	4.8
1,1,1-Trichloroethane		0.95	U	0.19	0.95
Carbon tetrachloride		0.95	U	0.17	0.95
Dichlorobromomethane		0.95	U	0.15	0.95
1,2-Dichloropropane		0.95	U	0.23	0.95
cis-1,3-Dichloropropene		0.95	U *	0.16	0.95
Trichloroethene		0.95	U	0.19	0.95
Chlorodibromomethane		0.95	U *	0.19	0.95
1,1,2-Trichloroethane		0.95	U	0.23	0.95
Benzene		0.95	U	0.18	0.95
trans-1,3-Dichloropropene		0.95	U *	0.17	0.95
Bromoform		0.95	U	0.14	0.95
4-Methyl-2-pentanone (MIBK)		4.8	U	0.65	4.8
2-Hexanone		4.8	U *	0.66	4.8
Tetrachloroethene		0.50	J	0.19	0.95
1,1,2,2-Tetrachloroethane		0.95	U	0.12	0.95
Toluene		0.28	J	0.26	0.95
Chlorobenzene		0.95	U	0.16	0.95
Ethylbenzene		0.95	U	0.13	0.95
Styrene		0.95	U	0.23	0.95
m-Xylene & p-Xylene		0.95	U	0.20	0.95
o-Xylene		0.95	U	0.16	0.95
1,1,2-Trichloro-1,2,2-trifluoroethane		0.95	U	0.20	0.95
Methyl tert-butyl ether		0.95	U	0.19	0.95
Cyclohexane		0.95	U	0.20	0.95
Ethylene Dibromide		0.95	U	0.17	0.95
1,3-Dichlorobenzene		0.95	U	0.19	0.95
1,4-Dichlorobenzene		0.95	U	0.20	0.95
1,2-Dichlorobenzene		0.95	U	0.12	0.95
Dichlorodifluoromethane		0.95	U	0.28	0.95
1,2,4-Trichlorobenzene		0.95	U	0.26	0.95
1,4-Dioxane		19	U	11	19

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7
Client Matrix: Solid
% Moisture: 6.5

Date Sampled: 01/31/2015 1430
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95707.D
Dilution:	1.0			Initial Weight/Volume:	5.627 g
Analysis Date:	02/06/2015 0247			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1756				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.95	U	0.31	0.95
1,2-Dibromo-3-Chloropropane		0.95	U	0.44	0.95
Chlorobromomethane		0.95	U	0.29	0.95
Isopropylbenzene		0.95	U	0.18	0.95
Methyl acetate		4.8	U	0.89	4.8
Methylcyclohexane		0.95	U	0.18	0.95

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	106		70 - 130
Toluene-d8 (Surr)	114		70 - 130
4-Bromofluorobenzene	116		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95707.D
Dilution:	1.0			Initial Weight/Volume:	5.627 g
Analysis Date:	02/06/2015 0247			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1756				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95708.D
Dilution:	1.0			Initial Weight/Volume:	4.69 g
Analysis Date:	02/06/2015 0314			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1756				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.27	1.2
Bromomethane		1.2	U	0.43	1.2
Vinyl chloride		1.2	U	0.29	1.2
Chloroethane		1.2	U	0.57	1.2
Methylene Chloride		0.77	J B	0.45	1.2
Acetone		22	B	0.27	6.0
Carbon disulfide		1.2	U	0.20	1.2
Trichlorofluoromethane		1.2	U	0.23	1.2
1,1-Dichloroethene		1.2	U	0.27	1.2
1,1-Dichloroethane		1.2	U	0.21	1.2
trans-1,2-Dichloroethene		1.2	U	0.25	1.2
cis-1,2-Dichloroethene		1.2	U	0.26	1.2
Chloroform		1.2	U	0.19	1.2
1,2-Dichloroethane		1.2	U	0.33	1.2
2-Butanone (MEK)		6.0	U	1.8	6.0
1,1,1-Trichloroethane		1.2	U	0.24	1.2
Carbon tetrachloride		1.2	U	0.21	1.2
Dichlorobromomethane		1.2	U	0.19	1.2
1,2-Dichloropropane		1.2	U	0.29	1.2
cis-1,3-Dichloropropene		1.2	U *	0.20	1.2
Trichloroethene		1.2	U	0.24	1.2
Chlorodibromomethane		1.2	U *	0.24	1.2
1,1,2-Trichloroethane		1.2	U	0.29	1.2
Benzene		1.2	U	0.23	1.2
trans-1,3-Dichloropropene		1.2	U *	0.21	1.2
Bromoform		1.2	U	0.18	1.2
4-Methyl-2-pentanone (MIBK)		6.0	U	0.81	6.0
2-Hexanone		6.0	U *	0.82	6.0
Tetrachloroethene		2.7		0.24	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.16	1.2
Toluene		0.45	J	0.32	1.2
Chlorobenzene		1.2	U	0.20	1.2
Ethylbenzene		1.2	U	0.17	1.2
Styrene		1.2	U	0.29	1.2
m-Xylene & p-Xylene		1.2	U	0.25	1.2
o-Xylene		1.2	U	0.20	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane		1.2	U	0.25	1.2
Methyl tert-butyl ether		1.2	U	0.24	1.2
Cyclohexane		1.2	U	0.25	1.2
Ethylene Dibromide		1.2	U	0.21	1.2
1,3-Dichlorobenzene		1.2	U	0.24	1.2
1,4-Dichlorobenzene		1.2	U	0.25	1.2
1,2-Dichlorobenzene		1.2	U	0.16	1.2
Dichlorodifluoromethane		1.2	U	0.35	1.2
1,2,4-Trichlorobenzene		1.2	U	0.32	1.2
1,4-Dioxane		24	U	14	24

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95708.D
Dilution:	1.0			Initial Weight/Volume:	4.69 g
Analysis Date:	02/06/2015 0314			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1756				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.2	U	0.39	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	0.55	1.2
Chlorobromomethane		1.2	U	0.37	1.2
Isopropylbenzene		1.2	U	0.23	1.2
Methyl acetate		6.0	U	1.1	6.0
Methylcyclohexane		1.2	U	0.23	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	119		70 - 130
4-Bromofluorobenzene	122		70 - 130
Dibromofluoromethane (Surr)	121		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95708.D
Dilution:	1.0			Initial Weight/Volume:	4.69 g
Analysis Date:	02/06/2015 0314			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1756				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95709.D
Dilution:	1.0			Initial Weight/Volume:	4.557 g
Analysis Date:	02/06/2015 0340			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1757				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.28	1.2
Bromomethane		1.2	U	0.44	1.2
Vinyl chloride		1.2	U	0.29	1.2
Chloroethane		1.2	U	0.58	1.2
Methylene Chloride		1.2	U	0.46	1.2
Acetone		11	B	0.28	6.1
Carbon disulfide		1.2	U	0.21	1.2
Trichlorofluoromethane		1.2	U	0.23	1.2
1,1-Dichloroethene		1.2	U	0.28	1.2
1,1-Dichloroethane		1.2	U	0.22	1.2
trans-1,2-Dichloroethene		1.2	U	0.25	1.2
cis-1,2-Dichloroethene		1.2	U	0.27	1.2
Chloroform		1.2	U	0.19	1.2
1,2-Dichloroethane		1.2	U	0.34	1.2
2-Butanone (MEK)		6.1	U	1.8	6.1
1,1,1-Trichloroethane		1.2	U	0.24	1.2
Carbon tetrachloride		1.2	U	0.22	1.2
Dichlorobromomethane		1.2	U	0.19	1.2
1,2-Dichloropropane		1.2	U	0.29	1.2
cis-1,3-Dichloropropene		1.2	U *	0.21	1.2
Trichloroethene		1.2	U	0.24	1.2
Chlorodibromomethane		1.2	U *	0.24	1.2
1,1,2-Trichloroethane		1.2	U	0.29	1.2
Benzene		1.2	U	0.23	1.2
trans-1,3-Dichloropropene		1.2	U *	0.22	1.2
Bromoform		1.2	U	0.18	1.2
4-Methyl-2-pentanone (MIBK)		6.1	U	0.83	6.1
2-Hexanone		6.1	U *	0.84	6.1
Tetrachloroethene		0.58	J	0.24	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.16	1.2
Toluene		0.67	J	0.33	1.2
Chlorobenzene		1.2	U	0.21	1.2
Ethylbenzene		1.2	U	0.17	1.2
Styrene		1.2	U	0.29	1.2
m-Xylene & p-Xylene		1.2	U	0.25	1.2
o-Xylene		1.2	U	0.21	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane		1.2	U	0.25	1.2
Methyl tert-butyl ether		1.2	U	0.24	1.2
Cyclohexane		1.2	U	0.25	1.2
Ethylene Dibromide		1.2	U	0.22	1.2
1,3-Dichlorobenzene		1.2	U	0.24	1.2
1,4-Dichlorobenzene		1.2	U	0.25	1.2
1,2-Dichlorobenzene		1.2	U	0.16	1.2
Dichlorodifluoromethane		1.2	U	0.35	1.2
1,2,4-Trichlorobenzene		1.2	U	0.33	1.2
1,4-Dioxane		24	U	14	24

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95709.D
Dilution:	1.0			Initial Weight/Volume:	4.557 g
Analysis Date:	02/06/2015 0340			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1757				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.2	U	0.40	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	0.56	1.2
Chlorobromomethane		1.2	U	0.38	1.2
Isopropylbenzene		1.2	U	0.23	1.2
Methyl acetate		6.1	U	1.1	6.1
Methylcyclohexane		1.2	U	0.23	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
Toluene-d8 (Surr)	106		70 - 130
4-Bromofluorobenzene	113		70 - 130
Dibromofluoromethane (Surr)	102		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	O95709.D
Dilution:	1.0			Initial Weight/Volume:	4.557 g
Analysis Date:	02/06/2015 0340			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1757				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	K36364.D
Dilution:	1.0			Initial Weight/Volume:	4.714 g
Analysis Date:	02/06/2015 0713			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1757				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.26	1.1
Bromomethane		1.1	U	0.41	1.1
Vinyl chloride		1.1	U	0.27	1.1
Chloroethane		1.1	U	0.55	1.1
Methylene Chloride		1.1	U	0.44	1.1
Acetone		13	B	0.26	5.7
Carbon disulfide		1.1	U	0.19	1.1
Trichlorofluoromethane		1.1	U	0.22	1.1
1,1-Dichloroethene		1.1	U	0.26	1.1
1,1-Dichloroethane		1.1	U	0.21	1.1
trans-1,2-Dichloroethene		1.1	U	0.24	1.1
cis-1,2-Dichloroethene		1.1	U	0.25	1.1
Chloroform		1.1	U	0.18	1.1
1,2-Dichloroethane		1.1	U	0.32	1.1
2-Butanone (MEK)		5.7	U	1.7	5.7
1,1,1-Trichloroethane		1.1	U	0.23	1.1
Carbon tetrachloride		1.1	U	0.21	1.1
Dichlorobromomethane		1.1	U	0.18	1.1
1,2-Dichloropropane		1.1	U	0.27	1.1
cis-1,3-Dichloropropene		1.1	U	0.19	1.1
Trichloroethene		1.1	U	0.23	1.1
Chlorodibromomethane		1.1	U	0.23	1.1
1,1,2-Trichloroethane		1.1	U	0.27	1.1
Benzene		1.1	U	0.22	1.1
trans-1,3-Dichloropropene		1.1	U	0.21	1.1
Bromoform		1.1	U	0.17	1.1
4-Methyl-2-pentanone (MIBK)		5.7	U	0.78	5.7
2-Hexanone		5.7	U	0.79	5.7
Tetrachloroethene		0.77	J	0.23	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.15	1.1
Toluene		1.0	J	0.31	1.1
Chlorobenzene		1.1	U	0.19	1.1
Ethylbenzene		1.1	U	0.16	1.1
Styrene		1.1	U	0.27	1.1
m-Xylene & p-Xylene		1.1	U	0.24	1.1
o-Xylene		1.1	U	0.19	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane		1.1	U	0.24	1.1
Methyl tert-butyl ether		1.1	U	0.23	1.1
Cyclohexane		0.33	J	0.24	1.1
Ethylene Dibromide		1.1	U	0.21	1.1
1,3-Dichlorobenzene		1.1	U	0.23	1.1
1,4-Dichlorobenzene		1.1	U	0.24	1.1
1,2-Dichlorobenzene		1.1	U	0.15	1.1
Dichlorodifluoromethane		1.1	U	0.33	1.1
1,2,4-Trichlorobenzene		1.1	U	0.31	1.1
1,4-Dioxane		23	U	14	23

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	K36364.D
Dilution:	1.0			Initial Weight/Volume:	4.714 g
Analysis Date:	02/06/2015 0713			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1757				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.1	U	0.38	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.53	1.1
Chlorobromomethane		1.1	U	0.36	1.1
Isopropylbenzene		1.1	U	0.22	1.1
Methyl acetate		5.7	U	1.1	5.7
Methylcyclohexane		1.1	U	0.22	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene	103		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	K36364.D
Dilution:	1.0			Initial Weight/Volume:	4.714 g
Analysis Date:	02/06/2015 0713			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1757				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8857.D
Dilution:	1.0			Initial Weight/Volume:	4.881 g
Analysis Date:	02/05/2015 2232			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.25	1.1
Bromomethane		1.1	U	0.39	1.1
Vinyl chloride		1.1	U	0.26	1.1
Chloroethane		1.1	U	0.52	1.1
Methylene Chloride		1.1	U	0.42	1.1
Acetone		7.5	B	0.25	5.5
Carbon disulfide		1.1	U	0.19	1.1
Trichlorofluoromethane		1.1	U	0.21	1.1
1,1-Dichloroethene		1.1	U	0.25	1.1
1,1-Dichloroethane		1.1	U	0.20	1.1
trans-1,2-Dichloroethene		1.1	U	0.23	1.1
cis-1,2-Dichloroethene		1.1	U	0.24	1.1
Chloroform		1.1	U	0.17	1.1
1,2-Dichloroethane		1.1	U	0.31	1.1
2-Butanone (MEK)		5.5	U	1.6	5.5
1,1,1-Trichloroethane		1.1	U	0.22	1.1
Carbon tetrachloride		1.1	U	0.20	1.1
Dichlorobromomethane		1.1	U	0.17	1.1
1,2-Dichloropropane		1.1	U	0.26	1.1
cis-1,3-Dichloropropene		1.1	U	0.19	1.1
Trichloroethene		1.1	U	0.22	1.1
Chlorodibromomethane		1.1	U	0.22	1.1
1,1,2-Trichloroethane		1.1	U	0.26	1.1
Benzene		1.1	U	0.21	1.1
trans-1,3-Dichloropropene		1.1	U	0.20	1.1
Bromoform		1.1	U	0.16	1.1
4-Methyl-2-pentanone (MIBK)		5.5	U	0.74	5.5
2-Hexanone		5.5	U	0.75	5.5
Tetrachloroethene		1.1	U	0.22	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.14	1.1
Toluene		0.62	J	0.29	1.1
Chlorobenzene		1.1	U	0.19	1.1
Ethylbenzene		1.1	U	0.15	1.1
Styrene		1.1	U	0.26	1.1
m-Xylene & p-Xylene		1.1	U	0.23	1.1
o-Xylene		1.1	U	0.19	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane		1.1	U	0.23	1.1
Methyl tert-butyl ether		1.1	U	0.22	1.1
Cyclohexane		1.1	U	0.23	1.1
Ethylene Dibromide		1.1	U	0.20	1.1
1,3-Dichlorobenzene		1.1	U	0.22	1.1
1,4-Dichlorobenzene		1.1	U	0.23	1.1
1,2-Dichlorobenzene		1.1	U	0.14	1.1
Dichlorodifluoromethane		1.1	U	0.32	1.1
1,2,4-Trichlorobenzene		1.1	U	0.29	1.1
1,4-Dioxane		22	U	13	22

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8857.D
Dilution:	1.0			Initial Weight/Volume:	4.881 g
Analysis Date:	02/05/2015 2232			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.1	U	0.36	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.50	1.1
Chlorobromomethane		1.1	U	0.34	1.1
Isopropylbenzene		1.1	U	0.21	1.1
Methyl acetate		5.5	U	1.0	5.5
Methylcyclohexane		1.1	U	0.21	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 130
Toluene-d8 (Surr)	86		70 - 130
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	83		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8857.D
Dilution:	1.0			Initial Weight/Volume:	4.881 g
Analysis Date:	02/05/2015 2232			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12
Client Matrix: Solid
% Moisture: 11.8
Date Sampled: 01/31/2015 1340
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8858.D
Dilution:	1.0			Initial Weight/Volume:	4.345 g
Analysis Date:	02/05/2015 2256			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.3	U	0.30	1.3
Bromomethane		1.3	U	0.47	1.3
Vinyl chloride		1.3	U	0.31	1.3
Chloroethane		1.3	U	0.63	1.3
Methylene Chloride		2.0		0.50	1.3
Acetone		12	B	0.30	6.5
Carbon disulfide		1.3	U	0.22	1.3
Trichlorofluoromethane		1.3	U	0.25	1.3
1,1-Dichloroethene		1.3	U	0.30	1.3
1,1-Dichloroethane		1.3	U	0.23	1.3
trans-1,2-Dichloroethene		1.3	U	0.27	1.3
cis-1,2-Dichloroethene		1.3	U	0.29	1.3
Chloroform		1.3	U	0.21	1.3
1,2-Dichloroethane		1.3	U	0.37	1.3
2-Butanone (MEK)		6.5	U	1.9	6.5
1,1,1-Trichloroethane		1.3	U	0.26	1.3
Carbon tetrachloride		1.3	U	0.23	1.3
Dichlorobromomethane		1.3	U	0.21	1.3
1,2-Dichloropropane		1.3	U	0.31	1.3
cis-1,3-Dichloropropene		1.3	U	0.22	1.3
Trichloroethene		1.3	U	0.26	1.3
Chlorodibromomethane		1.3	U	0.26	1.3
1,1,2-Trichloroethane		1.3	U	0.31	1.3
Benzene		1.3	U	0.25	1.3
trans-1,3-Dichloropropene		1.3	U	0.23	1.3
Bromoform		1.3	U	0.20	1.3
4-Methyl-2-pentanone (MIBK)		6.5	U	0.89	6.5
2-Hexanone		6.5	U	0.90	6.5
Tetrachloroethene		1.3	U	0.26	1.3
1,1,2,2-Tetrachloroethane		1.3	U	0.17	1.3
Toluene		0.90	J	0.35	1.3
Chlorobenzene		1.3	U	0.22	1.3
Ethylbenzene		1.3	U	0.18	1.3
Styrene		1.3	U	0.31	1.3
m-Xylene & p-Xylene		1.3	U	0.27	1.3
o-Xylene		1.3	U	0.22	1.3
1,1,2-Trichloro-1,2,2-trifluoroethane		1.3	U	0.27	1.3
Methyl tert-butyl ether		1.3	U	0.26	1.3
Cyclohexane		1.3	U	0.27	1.3
Ethylene Dibromide		1.3	U	0.23	1.3
1,3-Dichlorobenzene		1.3	U	0.26	1.3
1,4-Dichlorobenzene		1.3	U	0.27	1.3
1,2-Dichlorobenzene		1.3	U	0.17	1.3
Dichlorodifluoromethane		1.3	U	0.38	1.3
1,2,4-Trichlorobenzene		1.3	U	0.35	1.3
1,4-Dioxane		26	U	16	26

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8858.D
Dilution:	1.0			Initial Weight/Volume:	4.345 g
Analysis Date:	02/05/2015 2256			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.3	U	0.43	1.3
1,2-Dibromo-3-Chloropropane		1.3	U	0.60	1.3
Chlorobromomethane		1.3	U	0.40	1.3
Isopropylbenzene		1.3	U	0.25	1.3
Methyl acetate		6.5	U	1.2	6.5
Methylcyclohexane		1.3	U	0.25	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		70 - 130
Toluene-d8 (Surr)	93		70 - 130
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8858.D
Dilution:	1.0			Initial Weight/Volume:	4.345 g
Analysis Date:	02/05/2015 2256			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8859.D
Dilution:	1.0			Initial Weight/Volume:	4.166 g
Analysis Date:	02/05/2015 2321			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.4	U	0.32	1.4
Bromomethane		1.4	U	0.50	1.4
Vinyl chloride		1.4	U	0.33	1.4
Chloroethane		1.4	U	0.67	1.4
Methylene Chloride		1.4	U	0.53	1.4
Acetone		25	B	0.32	7.0
Carbon disulfide		0.65	J	0.24	1.4
Trichlorofluoromethane		1.4	U	0.26	1.4
1,1-Dichloroethene		1.4	U	0.32	1.4
1,1-Dichloroethane		1.4	U	0.25	1.4
trans-1,2-Dichloroethene		1.4	U	0.29	1.4
cis-1,2-Dichloroethene		1.4	U	0.31	1.4
Chloroform		1.4	U	0.22	1.4
1,2-Dichloroethane		1.4	U	0.39	1.4
2-Butanone (MEK)		2.7	J	2.0	7.0
1,1,1-Trichloroethane		1.4	U	0.28	1.4
Carbon tetrachloride		1.4	U	0.25	1.4
Dichlorobromomethane		1.4	U	0.22	1.4
1,2-Dichloropropane		1.4	U	0.33	1.4
cis-1,3-Dichloropropene		1.4	U	0.24	1.4
Trichloroethene		1.4	U	0.28	1.4
Chlorodibromomethane		1.4	U	0.28	1.4
1,1,2-Trichloroethane		1.4	U	0.33	1.4
Benzene		0.26	J	0.26	1.4
trans-1,3-Dichloropropene		1.4	U	0.25	1.4
Bromoform		1.4	U	0.21	1.4
4-Methyl-2-pentanone (MIBK)		7.0	U	0.95	7.0
2-Hexanone		7.0	U	0.96	7.0
Tetrachloroethene		0.69	J	0.28	1.4
1,1,2,2-Tetrachloroethane		1.4	U	0.18	1.4
Toluene		0.49	J	0.38	1.4
Chlorobenzene		1.4	U	0.24	1.4
Ethylbenzene		1.4	U	0.19	1.4
Styrene		1.4	U	0.33	1.4
m-Xylene & p-Xylene		1.4	U	0.29	1.4
o-Xylene		1.4	U	0.24	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane		1.4	U	0.29	1.4
Methyl tert-butyl ether		1.4	U	0.28	1.4
Cyclohexane		1.4	U	0.29	1.4
Ethylene Dibromide		1.4	U	0.25	1.4
1,3-Dichlorobenzene		1.4	U	0.28	1.4
1,4-Dichlorobenzene		1.4	U	0.29	1.4
1,2-Dichlorobenzene		1.4	U	0.18	1.4
Dichlorodifluoromethane		1.4	U	0.40	1.4
1,2,4-Trichlorobenzene		1.4	U	0.38	1.4
1,4-Dioxane		28	U	17	28

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8859.D
Dilution:	1.0			Initial Weight/Volume:	4.166 g
Analysis Date:	02/05/2015 2321			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.4	U	0.46	1.4
1,2-Dibromo-3-Chloropropane		1.4	U	0.64	1.4
Chlorobromomethane		1.4	U	0.43	1.4
Isopropylbenzene		1.4	U	0.26	1.4
Methyl acetate		7.0	U	1.3	7.0
Methylcyclohexane		1.4	U	0.26	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	81		70 - 130
Toluene-d8 (Surr)	90		70 - 130
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8859.D
Dilution:	1.0			Initial Weight/Volume:	4.166 g
Analysis Date:	02/05/2015 2321			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1758				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8860.D
Dilution:	1.0			Initial Weight/Volume:	5.376 g
Analysis Date:	02/05/2015 2345			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1759				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.0	U	0.23	1.0
Bromomethane		1.0	U	0.37	1.0
Vinyl chloride		1.0	U	0.24	1.0
Chloroethane		1.0	U	0.49	1.0
Methylene Chloride		0.83	J	0.39	1.0
Acetone		5.0	J B	0.23	5.1
Carbon disulfide		1.0	U	0.17	1.0
Trichlorofluoromethane		1.0	U	0.19	1.0
1,1-Dichloroethene		1.0	U	0.23	1.0
1,1-Dichloroethane		1.0	U	0.18	1.0
trans-1,2-Dichloroethene		1.0	U	0.21	1.0
cis-1,2-Dichloroethene		1.0	U	0.22	1.0
Chloroform		1.0	U	0.16	1.0
1,2-Dichloroethane		1.0	U	0.28	1.0
2-Butanone (MEK)		5.1	U	1.5	5.1
1,1,1-Trichloroethane		1.0	U	0.20	1.0
Carbon tetrachloride		1.0	U	0.18	1.0
Dichlorobromomethane		1.0	U	0.16	1.0
1,2-Dichloropropane		1.0	U	0.24	1.0
cis-1,3-Dichloropropene		1.0	U	0.17	1.0
Trichloroethene		1.0	U	0.20	1.0
Chlorodibromomethane		1.0	U	0.20	1.0
1,1,2-Trichloroethane		1.0	U	0.24	1.0
Benzene		1.0	U	0.19	1.0
trans-1,3-Dichloropropene		1.0	U	0.18	1.0
Bromoform		1.0	U	0.15	1.0
4-Methyl-2-pentanone (MIBK)		5.1	U	0.69	5.1
2-Hexanone		5.1	U	0.70	5.1
Tetrachloroethene		2.1		0.20	1.0
1,1,2,2-Tetrachloroethane		1.0	U	0.13	1.0
Toluene		0.50	J	0.27	1.0
Chlorobenzene		1.0	U	0.17	1.0
Ethylbenzene		1.0	U	0.14	1.0
Styrene		1.0	U	0.24	1.0
m-Xylene & p-Xylene		1.0	U	0.21	1.0
o-Xylene		1.0	U	0.17	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U	0.21	1.0
Methyl tert-butyl ether		1.0	U	0.20	1.0
Cyclohexane		1.0	U	0.21	1.0
Ethylene Dibromide		1.0	U	0.18	1.0
1,3-Dichlorobenzene		1.0	U	0.20	1.0
1,4-Dichlorobenzene		1.0	U	0.21	1.0
1,2-Dichlorobenzene		1.0	U	0.13	1.0
Dichlorodifluoromethane		1.0	U	0.29	1.0
1,2,4-Trichlorobenzene		1.0	U	0.27	1.0
1,4-Dioxane		20	U	12	20

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14
Client Matrix: Solid
% Moisture: 8.5
Date Sampled: 01/31/2015 1250
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8860.D
Dilution:	1.0			Initial Weight/Volume:	5.376 g
Analysis Date:	02/05/2015 2345			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1759				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.0	U	0.34	1.0
1,2-Dibromo-3-Chloropropane		1.0	U	0.47	1.0
Chlorobromomethane		1.0	U	0.32	1.0
Isopropylbenzene		1.0	U	0.19	1.0
Methyl acetate		5.1	U	0.96	5.1
Methylcyclohexane		1.0	U	0.19	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	82		70 - 130
Toluene-d8 (Surr)	90		70 - 130
4-Bromofluorobenzene	98		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8860.D
Dilution:	1.0			Initial Weight/Volume:	5.376 g
Analysis Date:	02/05/2015 2345			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1759				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8861.D
Dilution:	1.0			Initial Weight/Volume:	5.788 g
Analysis Date:	02/06/2015 0009			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1759				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.94	U	0.22	0.94
Bromomethane		0.94	U	0.34	0.94
Vinyl chloride		0.94	U	0.22	0.94
Chloroethane		0.94	U	0.45	0.94
Methylene Chloride		0.94	U	0.36	0.94
Acetone		5.2	B	0.22	4.7
Carbon disulfide		0.27	J	0.16	0.94
Trichlorofluoromethane		0.94	U	0.18	0.94
1,1-Dichloroethene		0.94	U	0.22	0.94
1,1-Dichloroethane		0.94	U	0.17	0.94
trans-1,2-Dichloroethene		0.94	U	0.20	0.94
cis-1,2-Dichloroethene		0.94	U	0.21	0.94
Chloroform		0.94	U	0.15	0.94
1,2-Dichloroethane		0.94	U	0.26	0.94
2-Butanone (MEK)		4.7	U	1.4	4.7
1,1,1-Trichloroethane		0.94	U	0.19	0.94
Carbon tetrachloride		0.94	U	0.17	0.94
Dichlorobromomethane		0.94	U	0.15	0.94
1,2-Dichloropropane		0.94	U	0.22	0.94
cis-1,3-Dichloropropene		0.94	U	0.16	0.94
Trichloroethene		0.94	U	0.19	0.94
Chlorodibromomethane		0.94	U	0.19	0.94
1,1,2-Trichloroethane		0.94	U	0.22	0.94
Benzene		0.94	U	0.18	0.94
trans-1,3-Dichloropropene		0.94	U	0.17	0.94
Bromoform		0.94	U	0.14	0.94
4-Methyl-2-pentanone (MIBK)		4.7	U	0.64	4.7
2-Hexanone		4.7	U	0.65	4.7
Tetrachloroethene		0.44	J	0.19	0.94
1,1,2,2-Tetrachloroethane		0.94	U	0.12	0.94
Toluene		0.46	J	0.25	0.94
Chlorobenzene		0.94	U	0.16	0.94
Ethylbenzene		0.94	U	0.13	0.94
Styrene		0.94	U	0.22	0.94
m-Xylene & p-Xylene		0.94	U	0.20	0.94
o-Xylene		0.94	U	0.16	0.94
1,1,2-Trichloro-1,2,2-trifluoroethane		0.94	U	0.20	0.94
Methyl tert-butyl ether		0.94	U	0.19	0.94
Cyclohexane		0.94	U	0.20	0.94
Ethylene Dibromide		0.94	U	0.17	0.94
1,3-Dichlorobenzene		0.94	U	0.19	0.94
1,4-Dichlorobenzene		0.94	U	0.20	0.94
1,2-Dichlorobenzene		0.94	U	0.12	0.94
Dichlorodifluoromethane		0.94	U	0.27	0.94
1,2,4-Trichlorobenzene		0.94	U	0.25	0.94
1,4-Dioxane		19	U	11	19

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8861.D
Dilution:	1.0			Initial Weight/Volume:	5.788 g
Analysis Date:	02/06/2015 0009			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1759				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.94	U	0.31	0.94
1,2-Dibromo-3-Chloropropane		0.94	U	0.43	0.94
Chlorobromomethane		0.94	U	0.29	0.94
Isopropylbenzene		0.94	U	0.18	0.94
Methyl acetate		4.7	U	0.88	4.7
Methylcyclohexane		0.94	U	0.18	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	92		70 - 130
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8861.D
Dilution:	1.0			Initial Weight/Volume:	5.788 g
Analysis Date:	02/06/2015 0009			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1759				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8862.D
Dilution:	1.0			Initial Weight/Volume:	6.46 g
Analysis Date:	02/06/2015 0033			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1800				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.83	U	0.19	0.83
Bromomethane		0.83	U	0.30	0.83
Vinyl chloride		0.83	U	0.20	0.83
Chloroethane		0.83	U	0.40	0.83
Methylene Chloride		0.83	U	0.32	0.83
Acetone		6.6	B	0.19	4.2
Carbon disulfide		0.83	U	0.14	0.83
Trichlorofluoromethane		0.83	U	0.16	0.83
1,1-Dichloroethene		0.83	U	0.19	0.83
1,1-Dichloroethane		0.83	U	0.15	0.83
trans-1,2-Dichloroethene		0.83	U	0.17	0.83
cis-1,2-Dichloroethene		0.83	U	0.18	0.83
Chloroform		0.83	U	0.13	0.83
1,2-Dichloroethane		0.83	U	0.23	0.83
2-Butanone (MEK)		4.2	U	1.2	4.2
1,1,1-Trichloroethane		0.83	U	0.17	0.83
Carbon tetrachloride		0.83	U	0.15	0.83
Dichlorobromomethane		0.83	U	0.13	0.83
1,2-Dichloropropane		0.83	U	0.20	0.83
cis-1,3-Dichloropropene		0.83	U	0.14	0.83
Trichloroethene		0.83	U	0.17	0.83
Chlorodibromomethane		0.83	U	0.17	0.83
1,1,2-Trichloroethane		0.83	U	0.20	0.83
Benzene		0.83	U	0.16	0.83
trans-1,3-Dichloropropene		0.83	U	0.15	0.83
Bromoform		0.83	U	0.12	0.83
4-Methyl-2-pentanone (MIBK)		4.2	U	0.57	4.2
2-Hexanone		4.2	U	0.57	4.2
Tetrachloroethene		3.0		0.17	0.83
1,1,2,2-Tetrachloroethane		0.83	U	0.11	0.83
Toluene		0.83	U	0.22	0.83
Chlorobenzene		0.83	U	0.14	0.83
Ethylbenzene		0.83	U	0.12	0.83
Styrene		0.83	U	0.20	0.83
m-Xylene & p-Xylene		0.83	U	0.17	0.83
o-Xylene		0.83	U	0.14	0.83
1,1,2-Trichloro-1,2,2-trifluoroethane		0.83	U	0.17	0.83
Methyl tert-butyl ether		0.83	U	0.17	0.83
Cyclohexane		0.83	U	0.17	0.83
Ethylene Dibromide		0.83	U	0.15	0.83
1,3-Dichlorobenzene		0.83	U	0.17	0.83
1,4-Dichlorobenzene		0.83	U	0.17	0.83
1,2-Dichlorobenzene		0.83	U	0.11	0.83
Dichlorodifluoromethane		0.83	U	0.24	0.83
1,2,4-Trichlorobenzene		0.83	U	0.22	0.83
1,4-Dioxane		17	U	9.9	17

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8862.D
Dilution:	1.0			Initial Weight/Volume:	6.46 g
Analysis Date:	02/06/2015 0033			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1800				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.83	U	0.27	0.83
1,2-Dibromo-3-Chloropropane		0.83	U	0.38	0.83
Chlorobromomethane		0.83	U	0.26	0.83
Isopropylbenzene		0.83	U	0.16	0.83
Methyl acetate		4.2	U	0.78	4.2
Methylcyclohexane		0.83	U	0.16	0.83

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
Toluene-d8 (Surr)	90		70 - 130
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	89		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8862.D
Dilution:	1.0			Initial Weight/Volume:	6.46 g
Analysis Date:	02/06/2015 0033			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1800				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8876.D
Dilution:	1.0			Initial Weight/Volume:	4.593 g
Analysis Date:	02/06/2015 0617			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1800				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.27	1.2
Bromomethane		1.2	U	0.43	1.2
Vinyl chloride		1.2	U	0.29	1.2
Chloroethane		1.2	U	0.57	1.2
Methylene Chloride		1.1	J	0.45	1.2
Acetone		78	B	0.27	6.0
Carbon disulfide		2.1		0.20	1.2
Trichlorofluoromethane		1.6		0.23	1.2
1,1-Dichloroethene		1.2	U	0.27	1.2
1,1-Dichloroethane		1.2	U	0.21	1.2
trans-1,2-Dichloroethene		1.2	U	0.25	1.2
cis-1,2-Dichloroethene		0.29	J	0.26	1.2
Chloroform		1.2	U	0.19	1.2
1,2-Dichloroethane		1.2	U	0.33	1.2
2-Butanone (MEK)		7.6		1.8	6.0
1,1,1-Trichloroethane		1.2	U	0.24	1.2
Carbon tetrachloride		1.2	U	0.21	1.2
Dichlorobromomethane		1.2	U	0.19	1.2
1,2-Dichloropropane		1.2	U	0.29	1.2
cis-1,3-Dichloropropene		1.2	U	0.20	1.2
Trichloroethene		0.52	J	0.24	1.2
Chlorodibromomethane		1.2	U	0.24	1.2
1,1,2-Trichloroethane		1.2	U	0.29	1.2
Benzene		2.4		0.23	1.2
trans-1,3-Dichloropropene		1.2	U	0.21	1.2
Bromoform		1.2	U	0.18	1.2
4-Methyl-2-pentanone (MIBK)		79		0.81	6.0
2-Hexanone		6.0	U	0.82	6.0
Tetrachloroethene		24		0.24	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.16	1.2
Toluene		8.6		0.32	1.2
Chlorobenzene		1.2	U	0.20	1.2
Ethylbenzene		3.0		0.17	1.2
Styrene		13		0.29	1.2
m-Xylene & p-Xylene		11		0.25	1.2
o-Xylene		1.6		0.20	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane		1.2	U	0.25	1.2
Methyl tert-butyl ether		1.2	U	0.24	1.2
Cyclohexane		0.40	J	0.25	1.2
Ethylene Dibromide		1.2	U	0.21	1.2
1,3-Dichlorobenzene		1.2	U	0.24	1.2
1,4-Dichlorobenzene		0.48	J	0.25	1.2
1,2-Dichlorobenzene		1.2	U	0.16	1.2
Dichlorodifluoromethane		1.2	U	0.35	1.2
1,2,4-Trichlorobenzene		1.2	U	0.32	1.2
1,4-Dioxane		24	U	14	24

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8876.D
Dilution:	1.0			Initial Weight/Volume:	4.593 g
Analysis Date:	02/06/2015 0617			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1800				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.2	U	0.39	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	0.55	1.2
Chlorobromomethane		1.2	U	0.37	1.2
Isopropylbenzene		1.9		0.23	1.2
Methyl acetate		6.0	U	1.1	6.0
Methylcyclohexane		1.2	U	0.23	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97		70 - 130
Toluene-d8 (Surr)	107		70 - 130
4-Bromofluorobenzene	116		70 - 130
Dibromofluoromethane (Surr)	86		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8876.D
Dilution:	1.0			Initial Weight/Volume:	4.593 g
Analysis Date:	02/06/2015 0617			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1800				

Tentatively Identified Compounds **Number TIC's Found: 10**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
5989-27-5	D-Limonene	10.92	21	J N
6975-98-0	Decane, 2-methyl-	10.97	24	J N
104-76-7	1-Hexanol, 2-ethyl-	11.14	37	J N
493-02-7	Naphthalene, decahydro-, trans-	11.24	53	J N
	Unknown	11.41	22	J
99-87-6	Benzene, 1-methyl-4-(1-methylethyl)-	11.46	14	J N
874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	11.51	19	J N
2958-76-1	Naphthalene, decahydro-2-methyl-	11.71	64	J N
527-84-4	Benzene, 1-methyl-2-(1-methylethyl)-	11.88	33	J N
95-93-2	Benzene, 1,2,4,5-tetramethyl-	12.23	13	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8863.D
Dilution:	1.0			Initial Weight/Volume:	4.189 g
Analysis Date:	02/06/2015 0057			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1801				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.3	U	0.30	1.3
Bromomethane		1.3	U	0.47	1.3
Vinyl chloride		1.3	U	0.31	1.3
Chloroethane		1.3	U	0.62	1.3
Methylene Chloride		1.3	U	0.49	1.3
Acetone		14	B	0.30	6.5
Carbon disulfide		1.3	U	0.22	1.3
Trichlorofluoromethane		1.3	U	0.25	1.3
1,1-Dichloroethene		1.3	U	0.30	1.3
1,1-Dichloroethane		1.3	U	0.23	1.3
trans-1,2-Dichloroethene		1.3	U	0.27	1.3
cis-1,2-Dichloroethene		1.3	U	0.29	1.3
Chloroform		1.3	U	0.21	1.3
1,2-Dichloroethane		1.3	U	0.36	1.3
2-Butanone (MEK)		6.5	U	1.9	6.5
1,1,1-Trichloroethane		1.3	U	0.26	1.3
Carbon tetrachloride		1.3	U	0.23	1.3
Dichlorobromomethane		1.3	U	0.21	1.3
1,2-Dichloropropane		1.3	U	0.31	1.3
cis-1,3-Dichloropropene		1.3	U	0.22	1.3
Trichloroethene		1.3	U	0.26	1.3
Chlorodibromomethane		1.3	U	0.26	1.3
1,1,2-Trichloroethane		1.3	U	0.31	1.3
Benzene		1.3	U	0.25	1.3
trans-1,3-Dichloropropene		1.3	U	0.23	1.3
Bromoform		1.3	U	0.20	1.3
4-Methyl-2-pentanone (MIBK)		6.5	U	0.88	6.5
2-Hexanone		6.5	U	0.90	6.5
Tetrachloroethene		1.1	J	0.26	1.3
1,1,2,2-Tetrachloroethane		1.3	U	0.17	1.3
Toluene		0.99	J	0.35	1.3
Chlorobenzene		1.3	U	0.22	1.3
Ethylbenzene		1.3	U	0.18	1.3
Styrene		1.3	U	0.31	1.3
m-Xylene & p-Xylene		1.3	U	0.27	1.3
o-Xylene		1.3	U	0.22	1.3
1,1,2-Trichloro-1,2,2-trifluoroethane		1.3	U	0.27	1.3
Methyl tert-butyl ether		1.3	U	0.26	1.3
Cyclohexane		0.42	J	0.27	1.3
Ethylene Dibromide		1.3	U	0.23	1.3
1,3-Dichlorobenzene		1.3	U	0.26	1.3
1,4-Dichlorobenzene		1.3	U	0.27	1.3
1,2-Dichlorobenzene		1.3	U	0.17	1.3
Dichlorodifluoromethane		1.3	U	0.38	1.3
1,2,4-Trichlorobenzene		1.3	U	0.35	1.3
1,4-Dioxane		26	U	15	26

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8863.D
Dilution:	1.0			Initial Weight/Volume:	4.189 g
Analysis Date:	02/06/2015 0057			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1801				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.3	U	0.43	1.3
1,2-Dibromo-3-Chloropropane		1.3	U	0.60	1.3
Chlorobromomethane		1.3	U	0.40	1.3
Isopropylbenzene		1.3	U	0.25	1.3
Methyl acetate		6.5	U	1.2	6.5
Methylcyclohexane		1.3	U	0.25	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	118		70 - 130
Dibromofluoromethane (Surr)	59	*	70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8863.D
Dilution:	1.0			Initial Weight/Volume:	4.189 g
Analysis Date:	02/06/2015 0057			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1801				

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
91-57-6	Naphthalene, 2-methyl-	14.37	7.5	J N
90-12-0	Naphthalene, 1-methyl-	14.67	6.9	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8864.D
Dilution:	1.0			Initial Weight/Volume:	4.222 g
Analysis Date:	02/06/2015 0122			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1801				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.2	U	0.28	1.2
Bromomethane		1.2	U	0.44	1.2
Vinyl chloride		1.2	U	0.29	1.2
Chloroethane		1.2	U	0.59	1.2
Methylene Chloride		0.61	J	0.47	1.2
Acetone		7.7	B	0.28	6.1
Carbon disulfide		1.2	U	0.21	1.2
Trichlorofluoromethane		1.2	U	0.23	1.2
1,1-Dichloroethene		1.2	U	0.28	1.2
1,1-Dichloroethane		1.2	U	0.22	1.2
trans-1,2-Dichloroethene		1.2	U	0.26	1.2
cis-1,2-Dichloroethene		1.2	U	0.27	1.2
Chloroform		1.2	U	0.20	1.2
1,2-Dichloroethane		1.2	U	0.34	1.2
2-Butanone (MEK)		6.1	U	1.8	6.1
1,1,1-Trichloroethane		1.2	U	0.25	1.2
Carbon tetrachloride		1.2	U	0.22	1.2
Dichlorobromomethane		1.2	U	0.20	1.2
1,2-Dichloropropane		1.2	U	0.29	1.2
cis-1,3-Dichloropropene		1.2	U	0.21	1.2
Trichloroethene		1.2	U	0.25	1.2
Chlorodibromomethane		1.2	U	0.25	1.2
1,1,2-Trichloroethane		1.2	U	0.29	1.2
Benzene		1.2	U	0.23	1.2
trans-1,3-Dichloropropene		1.2	U	0.22	1.2
Bromoform		1.2	U	0.18	1.2
4-Methyl-2-pentanone (MIBK)		6.1	U	0.83	6.1
2-Hexanone		6.1	U	0.85	6.1
Tetrachloroethene		1.2	U	0.25	1.2
1,1,2,2-Tetrachloroethane		1.2	U	0.16	1.2
Toluene		1.2	U	0.33	1.2
Chlorobenzene		1.2	U	0.21	1.2
Ethylbenzene		1.2	U	0.17	1.2
Styrene		1.2	U	0.29	1.2
m-Xylene & p-Xylene		1.2	U	0.26	1.2
o-Xylene		1.2	U	0.21	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane		1.2	U	0.26	1.2
Methyl tert-butyl ether		1.2	U	0.25	1.2
Cyclohexane		1.2	U	0.26	1.2
Ethylene Dibromide		1.2	U	0.22	1.2
1,3-Dichlorobenzene		1.2	U	0.25	1.2
1,4-Dichlorobenzene		1.2	U	0.26	1.2
1,2-Dichlorobenzene		1.2	U	0.16	1.2
Dichlorodifluoromethane		1.2	U	0.36	1.2
1,2,4-Trichlorobenzene		1.2	U	0.33	1.2
1,4-Dioxane		25	U	15	25

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8864.D
Dilution:	1.0			Initial Weight/Volume:	4.222 g
Analysis Date:	02/06/2015 0122			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1801				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.2	U	0.40	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	0.56	1.2
Chlorobromomethane		1.2	U	0.38	1.2
Isopropylbenzene		1.2	U	0.23	1.2
Methyl acetate		6.1	U	1.2	6.1
Methylcyclohexane		1.2	U	0.23	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 130
Toluene-d8 (Surr)	82		70 - 130
4-Bromofluorobenzene	93		70 - 130
Dibromofluoromethane (Surr)	81		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8864.D
Dilution:	1.0			Initial Weight/Volume:	4.222 g
Analysis Date:	02/06/2015 0122			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1801				

Tentatively Identified Compounds **Number TIC's Found: 0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8865.D
Dilution:	1.0			Initial Weight/Volume:	4.83 g
Analysis Date:	02/06/2015 0146			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1802				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		1.1	U	0.26	1.1
Bromomethane		1.1	U	0.40	1.1
Vinyl chloride		1.1	U	0.27	1.1
Chloroethane		1.1	U	0.54	1.1
Methylene Chloride		1.1	U	0.42	1.1
Acetone		9.1	B	0.26	5.6
Carbon disulfide		1.1	U	0.19	1.1
Trichlorofluoromethane		1.1	U	0.21	1.1
1,1-Dichloroethene		1.1	U	0.26	1.1
1,1-Dichloroethane		1.1	U	0.20	1.1
trans-1,2-Dichloroethene		1.1	U	0.23	1.1
cis-1,2-Dichloroethene		1.1	U	0.25	1.1
Chloroform		1.1	U	0.18	1.1
1,2-Dichloroethane		1.1	U	0.31	1.1
2-Butanone (MEK)		5.6	U	1.6	5.6
1,1,1-Trichloroethane		1.1	U	0.22	1.1
Carbon tetrachloride		1.1	U	0.20	1.1
Dichlorobromomethane		1.1	U	0.18	1.1
1,2-Dichloropropane		1.1	U	0.27	1.1
cis-1,3-Dichloropropene		1.1	U	0.19	1.1
Trichloroethene		1.1	U	0.22	1.1
Chlorodibromomethane		1.1	U	0.22	1.1
1,1,2-Trichloroethane		1.1	U	0.27	1.1
Benzene		1.1	U	0.21	1.1
trans-1,3-Dichloropropene		1.1	U	0.20	1.1
Bromoform		1.1	U	0.17	1.1
4-Methyl-2-pentanone (MIBK)		5.6	U	0.76	5.6
2-Hexanone		5.6	U	0.77	5.6
Tetrachloroethene		0.85	J	0.22	1.1
1,1,2,2-Tetrachloroethane		1.1	U	0.15	1.1
Toluene		1.1	U	0.30	1.1
Chlorobenzene		1.1	U	0.19	1.1
Ethylbenzene		1.1	U	0.16	1.1
Styrene		1.1	U	0.27	1.1
m-Xylene & p-Xylene		1.1	U	0.23	1.1
o-Xylene		1.1	U	0.19	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane		1.1	U	0.23	1.1
Methyl tert-butyl ether		1.1	U	0.22	1.1
Cyclohexane		1.1	U	0.23	1.1
Ethylene Dibromide		1.1	U	0.20	1.1
1,3-Dichlorobenzene		1.1	U	0.22	1.1
1,4-Dichlorobenzene		1.1	U	0.23	1.1
1,2-Dichlorobenzene		1.1	U	0.15	1.1
Dichlorodifluoromethane		1.1	U	0.32	1.1
1,2,4-Trichlorobenzene		1.1	U	0.30	1.1
1,4-Dioxane		22	U	13	22

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8865.D
Dilution:	1.0			Initial Weight/Volume:	4.83 g
Analysis Date:	02/06/2015 0146			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1802				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		1.1	U	0.37	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	0.51	1.1
Chlorobromomethane		1.1	U	0.35	1.1
Isopropylbenzene		1.1	U	0.21	1.1
Methyl acetate		5.6	U	1.1	5.6
Methylcyclohexane		1.1	U	0.21	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91		70 - 130
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane (Surr)	97		70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8865.D
Dilution:	1.0			Initial Weight/Volume:	4.83 g
Analysis Date:	02/06/2015 0146			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1802				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8886.D
Dilution:	1.0			Initial Weight/Volume:	5.784 g
Analysis Date:	02/06/2015 1020			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1802				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
Chloromethane		0.92	U	0.21	0.92
Bromomethane		0.92	U	0.33	0.92
Vinyl chloride		0.92	U	0.22	0.92
Chloroethane		0.92	U	0.44	0.92
Methylene Chloride		0.92	U	0.35	0.92
Acetone		5.9	B	0.21	4.6
Carbon disulfide		0.92	U	0.16	0.92
Trichlorofluoromethane		0.92	U	0.17	0.92
1,1-Dichloroethene		0.92	U	0.21	0.92
1,1-Dichloroethane		0.92	U	0.17	0.92
trans-1,2-Dichloroethene		0.92	U	0.19	0.92
cis-1,2-Dichloroethene		0.92	U	0.20	0.92
Chloroform		0.92	U	0.15	0.92
1,2-Dichloroethane		0.92	U	0.26	0.92
2-Butanone (MEK)		4.6	U	1.4	4.6
1,1,1-Trichloroethane		0.92	U	0.18	0.92
Carbon tetrachloride		0.92	U	0.17	0.92
Dichlorobromomethane		0.92	U	0.15	0.92
1,2-Dichloropropane		0.92	U	0.22	0.92
cis-1,3-Dichloropropene		0.92	U	0.16	0.92
Trichloroethene		0.92	U	0.18	0.92
Chlorodibromomethane		0.92	U	0.18	0.92
1,1,2-Trichloroethane		0.92	U	0.22	0.92
Benzene		0.92	U	0.17	0.92
trans-1,3-Dichloropropene		0.92	U	0.17	0.92
Bromoform		0.92	U	0.14	0.92
4-Methyl-2-pentanone (MIBK)		4.6	U	0.63	4.6
2-Hexanone		4.6	U	0.63	4.6
Tetrachloroethene		0.25	J	0.18	0.92
1,1,2,2-Tetrachloroethane		0.92	U	0.12	0.92
Toluene		0.75	J	0.25	0.92
Chlorobenzene		0.92	U	0.16	0.92
Ethylbenzene		0.92	U	0.13	0.92
Styrene		0.92	U	0.22	0.92
m-Xylene & p-Xylene		0.92	U	0.19	0.92
o-Xylene		0.92	U	0.16	0.92
1,1,2-Trichloro-1,2,2-trifluoroethane		0.92	U	0.19	0.92
Methyl tert-butyl ether		0.92	U	0.18	0.92
Cyclohexane		0.92	U	0.19	0.92
Ethylene Dibromide		0.92	U	0.17	0.92
1,3-Dichlorobenzene		0.92	U	0.18	0.92
1,4-Dichlorobenzene		0.92	U	0.19	0.92
1,2-Dichlorobenzene		0.92	U	0.12	0.92
Dichlorodifluoromethane		0.92	U	0.27	0.92
1,2,4-Trichlorobenzene		0.92	U	0.25	0.92
1,4-Dioxane		18	U	11	18

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8886.D
Dilution:	1.0			Initial Weight/Volume:	5.784 g
Analysis Date:	02/06/2015 1020			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1802				

Analyte	DryWt Corrected: Y	Result (ug/L)	Qualifier	MDL	RL
1,2,3-Trichlorobenzene		0.92	U	0.30	0.92
1,2-Dibromo-3-Chloropropane		0.92	U	0.42	0.92
Chlorobromomethane		0.92	U	0.29	0.92
Isopropylbenzene		0.92	U	0.17	0.92
Methyl acetate		4.6	U	0.86	4.6
Methylcyclohexane		0.92	U	0.17	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	36	*	70 - 130
Toluene-d8 (Surr)	40	*	70 - 130
4-Bromofluorobenzene	44	*	70 - 130
Dibromofluoromethane (Surr)	41	*	70 - 130

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Prep Method:	5035	Prep Batch:	460-279219	Lab File ID:	D8886.D
Dilution:	1.0			Initial Weight/Volume:	5.784 g
Analysis Date:	02/06/2015 1020			Final Weight/Volume:	5 mL
Prep Date:	02/02/2015 1802				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **TB0131**

Lab Sample ID: 460-89956-22TB
Client Matrix: Water

Date Sampled: 01/31/2015 1000
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P95471.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1547			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1547				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **TB0131**

Lab Sample ID: 460-89956-22TB
Client Matrix: Water

Date Sampled: 01/31/2015 1000
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P95471.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1547			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1547				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1.0	U	0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88		70 - 130
4-Bromofluorobenzene	115		64 - 135
Dibromofluoromethane (Surr)	99		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **TB0131**

Lab Sample ID: 460-89956-22TB
Client Matrix: Water

Date Sampled: 01/31/2015 1000
Date Received: 02/02/2015 1540

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	P95471.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1547			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1547				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8285.D
Dilution:	2.0			Initial Weight/Volume:	15.0511 g
Analysis Date:	02/04/2015 0835			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		740	U	64	740
1,2,4,5-Tetrachlorobenzene		740	U	55	740
2,2'-oxybis[1-chloropropane]		740	U	31	740
2,3,4,6-Tetrachlorophenol		740	U	70	740
2,4,5-Trichlorophenol		740	U	74	740
2,4,6-Trichlorophenol		300	U	21	300
2,4-Dichlorophenol		300	U	18	300
2,4-Dimethylphenol		740	U	160	740
2,4-Dinitrophenol		600	U	560	600
2,4-Dinitrotoluene		150	U	30	150
2,6-Dinitrotoluene		150	U	40	150
2-Chloronaphthalene		740	U	17	740
2-Chlorophenol		740	U	19	740
2-Methylnaphthalene		37	J	16	740
2-Methylphenol		740	U	32	740
2-Nitroaniline		740	U	25	740
2-Nitrophenol		740	U	25	740
3,3'-Dichlorobenzidine		300	U	83	300
3-Nitroaniline		740	U	22	740
4,6-Dinitro-2-methylphenol		600	U	200	600
4-Bromophenyl phenyl ether		740	U	23	740
4-Chloro-3-methylphenol		740	U	32	740
4-Chloroaniline		740	U	19	740
4-Chlorophenyl phenyl ether		740	U	22	740
4-Methylphenol		740	U	20	740
4-Nitroaniline		740	U	28	740
4-Nitrophenol		1500	U	360	1500
Acenaphthene		82	J	18	740
Acenaphthylene		380	J	19	740
Acetophenone		740	U	16	740
Anthracene		450	J	71	740
Atrazine		300	U	33	300
Benzaldehyde		740	U	57	740
Benzo[a]anthracene		1400		62	74
Benzo[a]pyrene		1800	*	23	74
Benzo[b]fluoranthene		1800		29	74
Benzo[g,h,i]perylene		1900		43	740
Benzo[k]fluoranthene		750		32	74
Bis(2-chloroethoxy)methane		740	U	23	740
Bis(2-chloroethyl)ether		74	U	18	74
Bis(2-ethylhexyl) phthalate		740	U	29	740
Butyl benzyl phthalate		740	U	23	740
Caprolactam		740	U	54	740
Carbazole		160	J	18	740
Chrysene		1700		20	740
Dibenz(a,h)anthracene		340		39	74

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8285.D
Dilution:	2.0			Initial Weight/Volume:	15.0511 g
Analysis Date:	02/04/2015 0835			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		46	J	23	740
Diethyl phthalate		740	U	21	740
Dimethyl phthalate		740	U	22	740
Di-n-butyl phthalate		110	J	22	740
Di-n-octyl phthalate		740	U	38	740
Fluoranthene		3300		22	740
Fluorene		94	J	16	740
Hexachlorobenzene		74	U	30	74
Hexachlorobutadiene		150	U	21	150
Hexachlorocyclopentadiene		740	U	46	740
Hexachloroethane		74	U	27	74
Indeno[1,2,3-cd]pyrene		1900		50	74
Isophorone		300	U	16	300
Naphthalene		120	J	19	740
Nitrobenzene		74	U	23	74
N-Nitrosodi-n-propylamine		74	U	25	74
N-Nitrosodiphenylamine		740	U	68	740
Pentachlorophenol		600	U	90	600
Phenanthrene		1400		20	740
Phenol		740	U	24	740
Pyrene		2300		34	740

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	61		10 - 120
2-Fluorobiphenyl	63		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	57		38 - 105
Phenol-d5 (Surr)	47		41 - 118
Terphenyl-d14 (Surr)	49		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8285.D
Dilution:	2.0			Initial Weight/Volume:	15.0511 g
Analysis Date:	02/04/2015 0835			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
192-97-2	Benzo[e]pyrene	13.64	1400	J N
198-55-0	Perylene	13.83	760	J N
226-88-0	Benzo[a]naphthacene	15.23	740	J N

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2
Client Matrix: Solid
% Moisture: 12.6

Date Sampled: 01/31/2015 1520
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8271.D
Dilution:	1.0			Initial Weight/Volume:	15.0277 g
Analysis Date:	02/04/2015 0227			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		380	U	32	380
1,2,4,5-Tetrachlorobenzene		380	U	28	380
2,2'-oxybis[1-chloropropane]		380	U	16	380
2,3,4,6-Tetrachlorophenol		380	U	36	380
2,4,5-Trichlorophenol		380	U	38	380
2,4,6-Trichlorophenol		150	U	11	150
2,4-Dichlorophenol		150	U	8.9	150
2,4-Dimethylphenol		380	U	83	380
2,4-Dinitrophenol		300	U	290	300
2,4-Dinitrotoluene		77	U	15	77
2,6-Dinitrotoluene		77	U	20	77
2-Chloronaphthalene		380	U	8.6	380
2-Chlorophenol		380	U	9.6	380
2-Methylnaphthalene		21	J	8.3	380
2-Methylphenol		380	U	16	380
2-Nitroaniline		380	U	12	380
2-Nitrophenol		380	U	13	380
3,3'-Dichlorobenzidine		150	U	42	150
3-Nitroaniline		380	U	11	380
4,6-Dinitro-2-methylphenol		300	U	100	300
4-Bromophenyl phenyl ether		380	U	12	380
4-Chloro-3-methylphenol		380	U	16	380
4-Chloroaniline		380	U	9.7	380
4-Chlorophenyl phenyl ether		380	U	11	380
4-Methylphenol		380	U	10	380
4-Nitroaniline		380	U	14	380
4-Nitrophenol		770	U	180	770
Acenaphthene		10	J	9.1	380
Acenaphthylene		380	U	9.7	380
Acetophenone		380	U	8.2	380
Anthracene		380	U	36	380
Atrazine		150	U	17	150
Benzaldehyde		380	U	29	380
Benzo[a]anthracene		54		32	38
Benzo[a]pyrene		63	*	11	38
Benzo[b]fluoranthene		81		15	38
Benzo[g,h,i]perylene		380	U	22	380
Benzo[k]fluoranthene		28	J	16	38
Bis(2-chloroethoxy)methane		380	U	12	380
Bis(2-chloroethyl)ether		38	U	8.9	38
Bis(2-ethylhexyl) phthalate		380	U	15	380
Butyl benzyl phthalate		380	U	12	380
Caprolactam		380	U	27	380
Carbazole		14	J	9.4	380
Chrysene		82	J	10	380
Dibenz(a,h)anthracene		38	U	20	38

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8271.D
Dilution:	1.0			Initial Weight/Volume:	15.0277 g
Analysis Date:	02/04/2015 0227			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		25	J	11	380
Diethyl phthalate		380	U	11	380
Dimethyl phthalate		380	U	11	380
Di-n-butyl phthalate		380	U	11	380
Di-n-octyl phthalate		380	U	19	380
Fluoranthene		160	J	11	380
Fluorene		8.7	J	8.2	380
Hexachlorobenzene		38	U	15	38
Hexachlorobutadiene		77	U	11	77
Hexachlorocyclopentadiene		380	U	24	380
Hexachloroethane		38	U	14	38
Indeno[1,2,3-cd]pyrene		38	U	25	38
Isophorone		150	U	8.1	150
Naphthalene		45	J	9.6	380
Nitrobenzene		38	U	12	38
N-Nitrosodi-n-propylamine		38	U	13	38
N-Nitrosodiphenylamine		380	U	34	380
Pentachlorophenol		300	U	46	300
Phenanthrene		190	J	10	380
Phenol		380	U	12	380
Pyrene		150	J	17	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	49		10 - 120
2-Fluorobiphenyl	68		40 - 109
2-Fluorophenol (Surr)	52		37 - 125
Nitrobenzene-d5 (Surr)	63		38 - 105
Phenol-d5 (Surr)	53		41 - 118
Terphenyl-d14 (Surr)	78		16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2
Client Matrix: Solid
% Moisture: 12.6

Date Sampled: 01/31/2015 1520
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8271.D
Dilution:	1.0			Initial Weight/Volume:	15.0277 g
Analysis Date:	02/04/2015 0227			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
73583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-one	5.40	360	J N
117888-04-7	2,4-Diethyl-6-methyl-1,3,5-trioxane	5.72	320	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8282.D
Dilution:	1.0			Initial Weight/Volume:	15.0343 g
Analysis Date:	02/04/2015 0715			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.4	140
2,4-Dimethylphenol		360	U	79	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		73	U	14	73
2,6-Dinitrotoluene		73	U	19	73
2-Chloronaphthalene		360	U	8.1	360
2-Chlorophenol		360	U	9.1	360
2-Methylnaphthalene		33	J	7.9	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		140	U	40	140
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	95	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	15	360
4-Chloroaniline		360	U	9.2	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.7	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		730	U	170	730
Acenaphthene		75	J	8.7	360
Acenaphthylene		230	J	9.2	360
Acetophenone		360	U	7.8	360
Anthracene		360		34	360
Atrazine		140	U	16	140
Benzaldehyde		360	U	27	360
Benzo[a]anthracene		1500		30	36
Benzo[a]pyrene		1500	*	11	36
Benzo[b]fluoranthene		1800		14	36
Benzo[g,h,i]perylene		1500		21	360
Benzo[k]fluoranthene		710		16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.4	36
Bis(2-ethylhexyl) phthalate		64	J	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		120	J	8.9	360
Chrysene		1600		9.7	360
Dibenz(a,h)anthracene		340		19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8282.D
Dilution:	1.0			Initial Weight/Volume:	15.0343 g
Analysis Date:	02/04/2015 0715			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		69	J	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	10	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		3300		11	360
Fluorene		95	J	7.8	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		73	U	10	73
Hexachlorocyclopentadiene		360	U	22	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		1600		24	36
Isophorone		62	J	7.7	140
Naphthalene		74	J	9.1	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	32	360
Pentachlorophenol		290	U	43	290
Phenanthrene		1600		9.5	360
Phenol		360	U	12	360
Pyrene		2500		16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	66		10 - 120
2-Fluorobiphenyl	70		40 - 109
2-Fluorophenol (Surr)	53		37 - 125
Nitrobenzene-d5 (Surr)	65		38 - 105
Phenol-d5 (Surr)	50		41 - 118
Terphenyl-d14 (Surr)	60		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8282.D
Dilution:	1.0			Initial Weight/Volume:	15.0343 g
Analysis Date:	02/04/2015 0715			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **8**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
203-64-5	4H-Cyclopenta[def]phenanthrene	9.61	590	J N
2541-69-7	Benz[a]anthracene, 7-methyl-	12.35	300	J N
192-97-2	Benzo[e]pyrene	13.40	340	J N
192-97-2	Benzo[e]pyrene	13.64	1200	J N
198-55-0	Perylene	13.83	470	J N
215-58-7	Benzo[b]triphenylene	15.23	580	J N
215-58-7	Benzo[b]triphenylene	15.65	330	J N
191-26-4	Dibenzo[def,mno]chrysene	16.08	520	J N

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4
Client Matrix: Solid
% Moisture: 4.0

Date Sampled: 01/31/2015 1550
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8277.D
Dilution:	1.0			Initial Weight/Volume:	15.0231 g
Analysis Date:	02/04/2015 0501			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		340	U	29	340
1,2,4,5-Tetrachlorobenzene		340	U	26	340
2,2'-oxybis[1-chloropropane]		340	U	14	340
2,3,4,6-Tetrachlorophenol		340	U	32	340
2,4,5-Trichlorophenol		340	U	34	340
2,4,6-Trichlorophenol		140	U	9.8	140
2,4-Dichlorophenol		140	U	8.1	140
2,4-Dimethylphenol		340	U	76	340
2,4-Dinitrophenol		280	U	260	280
2,4-Dinitrotoluene		70	U	14	70
2,6-Dinitrotoluene		70	U	18	70
2-Chloronaphthalene		340	U	7.8	340
2-Chlorophenol		340	U	8.7	340
2-Methylnaphthalene		340	U	7.6	340
2-Methylphenol		340	U	15	340
2-Nitroaniline		340	U	11	340
2-Nitrophenol		340	U	12	340
3,3'-Dichlorobenzidine		140	U	38	140
3-Nitroaniline		340	U	10	340
4,6-Dinitro-2-methylphenol		280	U	92	280
4-Bromophenyl phenyl ether		340	U	11	340
4-Chloro-3-methylphenol		340	U	15	340
4-Chloroaniline		340	U	8.8	340
4-Chlorophenyl phenyl ether		340	U	10	340
4-Methylphenol		340	U	9.4	340
4-Nitroaniline		340	U	13	340
4-Nitrophenol		700	U	170	700
Acenaphthene		340	U	8.3	340
Acenaphthylene		18	J	8.8	340
Acetophenone		9.6	J	7.5	340
Anthracene		340	U	33	340
Atrazine		140	U	15	140
Benzaldehyde		29	J	26	340
Benzo[a]anthracene		51		29	34
Benzo[a]pyrene		53	*	10	34
Benzo[b]fluoranthene		89		13	34
Benzo[g,h,i]perylene		97	J	20	340
Benzo[k]fluoranthene		39		15	34
Bis(2-chloroethoxy)methane		340	U	11	340
Bis(2-chloroethyl)ether		34	U	8.1	34
Bis(2-ethylhexyl) phthalate		110	J	13	340
Butyl benzyl phthalate		340	U	11	340
Caprolactam		340	U	25	340
Carbazole		13	J	8.5	340
Chrysene		55	J	9.4	340
Dibenz(a,h)anthracene		34	U	18	34

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8277.D
Dilution:	1.0			Initial Weight/Volume:	15.0231 g
Analysis Date:	02/04/2015 0501			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		340	U	10	340
Diethyl phthalate		340	U	9.8	340
Dimethyl phthalate		340	U	10	340
Di-n-butyl phthalate		18	J	10	340
Di-n-octyl phthalate		340	U	17	340
Fluoranthene		110	J	10	340
Fluorene		340	U	7.5	340
Hexachlorobenzene		34	U	14	34
Hexachlorobutadiene		70	U	9.7	70
Hexachlorocyclopentadiene		340	U	21	340
Hexachloroethane		34	U	13	34
Indeno[1,2,3-cd]pyrene		96		23	34
Isophorone		140	U	7.4	140
Naphthalene		21	J	8.7	340
Nitrobenzene		34	U	11	34
N-Nitrosodi-n-propylamine		34	U	12	34
N-Nitrosodiphenylamine		340	U	31	340
Pentachlorophenol		280	U	42	280
Phenanthrene		57	J	9.2	340
Phenol		340	U	11	340
Pyrene		75	J	16	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	64		10 - 120
2-Fluorobiphenyl	67		40 - 109
2-Fluorophenol (Surr)	53		37 - 125
Nitrobenzene-d5 (Surr)	63		38 - 105
Phenol-d5 (Surr)	49		41 - 118
Terphenyl-d14 (Surr)	65		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8277.D
Dilution:	1.0			Initial Weight/Volume:	15.0231 g
Analysis Date:	02/04/2015 0501			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
789-02-6	o,p'-DDT	11.23	340	J N
7098-21-7	Tritetracontane	11.66	390	J N
7098-21-7	Tritetracontane	12.54	400	J N
7098-22-8	Tetratetracontane	14.49	530	J N
629-99-2	Pentacosane	15.06	450	J N
2881-21-2	Androstan-3-one, 17-hydroxy-1,17-dimethy	16.79	330	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	x9331.D
Dilution:	1.0			Initial Weight/Volume:	15.0036 g
Analysis Date:	02/04/2015 0256			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		150	U	10	150
2,4-Dichlorophenol		150	U	8.6	150
2,4-Dimethylphenol		360	U	80	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		73	U	14	73
2,6-Dinitrotoluene		73	U	19	73
2-Chloronaphthalene		360	U	8.2	360
2-Chlorophenol		360	U	9.2	360
2-Methylnaphthalene		360	U	8.0	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		150	U	40	150
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	97	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	16	360
4-Chloroaniline		360	U	9.3	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.9	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		730	U	170	730
Acenaphthene		360	U	8.8	360
Acenaphthylene		360	U	9.3	360
Acetophenone		360	U	7.9	360
Anthracene		360	U	34	360
Atrazine		150	U	16	150
Benzaldehyde		360	U	28	360
Benzo[a]anthracene		36	U	30	36
Benzo[a]pyrene		15	J *	11	36
Benzo[b]fluoranthene		23	J	14	36
Benzo[g,h,i]perylene		360	U	21	360
Benzo[k]fluoranthene		36	U	16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.6	36
Bis(2-ethylhexyl) phthalate		360	U	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		360	U	9.0	360
Chrysene		19	J	9.9	360
Dibenz(a,h)anthracene		36	U	19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	x9331.D
Dilution:	1.0			Initial Weight/Volume:	15.0036 g
Analysis Date:	02/04/2015 0256			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	11	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		34	J	11	360
Fluorene		360	U	7.9	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		73	U	10	73
Hexachlorocyclopentadiene		360	U	23	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		36	U	24	36
Isophorone		150		7.8	150
Naphthalene		360	U	9.2	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	33	360
Pentachlorophenol		290	U	44	290
Phenanthrene		31	J	9.7	360
Phenol		360	U	12	360
Pyrene		33	J	16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	63		10 - 120
2-Fluorobiphenyl	61		40 - 109
2-Fluorophenol (Surr)	52		37 - 125
Nitrobenzene-d5 (Surr)	62		38 - 105
Phenol-d5 (Surr)	57		41 - 118
Terphenyl-d14 (Surr)	76		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	x9331.D
Dilution:	1.0			Initial Weight/Volume:	15.0036 g
Analysis Date:	02/04/2015 0256			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8270.D
Dilution:	1.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	02/04/2015 0201			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		350	U	30	350
1,2,4,5-Tetrachlorobenzene		350	U	26	350
2,2'-oxybis[1-chloropropane]		350	U	15	350
2,3,4,6-Tetrachlorophenol		350	U	33	350
2,4,5-Trichlorophenol		350	U	35	350
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.3	140
2,4-Dimethylphenol		350	U	78	350
2,4-Dinitrophenol		280	U	270	280
2,4-Dinitrotoluene		72	U	14	72
2,6-Dinitrotoluene		72	U	19	72
2-Chloronaphthalene		350	U	8.0	350
2-Chlorophenol		350	U	9.0	350
2-Methylnaphthalene		9.9	J	7.8	350
2-Methylphenol		350	U	15	350
2-Nitroaniline		350	U	12	350
2-Nitrophenol		350	U	12	350
3,3'-Dichlorobenzidine		140	U	39	140
3-Nitroaniline		350	U	10	350
4,6-Dinitro-2-methylphenol		280	U	94	280
4-Bromophenyl phenyl ether		350	U	11	350
4-Chloro-3-methylphenol		350	U	15	350
4-Chloroaniline		350	U	9.1	350
4-Chlorophenyl phenyl ether		350	U	11	350
4-Methylphenol		350	U	9.6	350
4-Nitroaniline		350	U	13	350
4-Nitrophenol		720	U	170	720
Acenaphthene		350	U	8.5	350
Acenaphthylene		350	U	9.1	350
Acetophenone		350	U	7.7	350
Anthracene		350	U	34	350
Atrazine		140	U	16	140
Benzaldehyde		350	U	27	350
Benzo[a]anthracene		35	U	29	35
Benzo[a]pyrene		35	U *	11	35
Benzo[b]fluoranthene		35	U	14	35
Benzo[g,h,i]perylene		350	U	20	350
Benzo[k]fluoranthene		35	U	15	35
Bis(2-chloroethoxy)methane		350	U	11	350
Bis(2-chloroethyl)ether		35	U	8.3	35
Bis(2-ethylhexyl) phthalate		350	U	14	350
Butyl benzyl phthalate		350	U	11	350
Caprolactam		350	U	25	350
Carbazole		350	U	8.8	350
Chrysene		350	U	9.6	350
Dibenz(a,h)anthracene		35	U	18	35

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8270.D
Dilution:	1.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	02/04/2015 0201			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		350	U	11	350
Diethyl phthalate		350	U	10	350
Dimethyl phthalate		350	U	10	350
Di-n-butyl phthalate		350	U	11	350
Di-n-octyl phthalate		350	U	18	350
Fluoranthene		350	U	10	350
Fluorene		350	U	7.7	350
Hexachlorobenzene		35	U	14	35
Hexachlorobutadiene		72	U	9.9	72
Hexachlorocyclopentadiene		350	U	22	350
Hexachloroethane		35	U	13	35
Indeno[1,2,3-cd]pyrene		35	U	23	35
Isophorone		140	U	7.6	140
Naphthalene		10	J	9.0	350
Nitrobenzene		35	U	11	35
N-Nitrosodi-n-propylamine		35	U	12	35
N-Nitrosodiphenylamine		350	U	32	350
Pentachlorophenol		280	U	43	280
Phenanthrene		350	U	9.4	350
Phenol		350	U	12	350
Pyrene		350	U	16	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	59		10 - 120
2-Fluorobiphenyl	57		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	54		38 - 105
Phenol-d5 (Surr)	47		41 - 118
Terphenyl-d14 (Surr)	63		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8270.D
Dilution:	1.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	02/04/2015 0201			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8280.D
Dilution:	2.0			Initial Weight/Volume:	15.0391 g
Analysis Date:	02/04/2015 0621			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		700	U	60	700
1,2,4,5-Tetrachlorobenzene		700	U	52	700
2,2'-oxybis[1-chloropropane]		700	U	29	700
2,3,4,6-Tetrachlorophenol		700	U	66	700
2,4,5-Trichlorophenol		700	U	70	700
2,4,6-Trichlorophenol		280	U	20	280
2,4-Dichlorophenol		280	U	17	280
2,4-Dimethylphenol		700	U	160	700
2,4-Dinitrophenol		570	U	530	570
2,4-Dinitrotoluene		140	U	28	140
2,6-Dinitrotoluene		140	U	38	140
2-Chloronaphthalene		700	U	16	700
2-Chlorophenol		700	U	18	700
2-Methylnaphthalene		34	J	16	700
2-Methylphenol		700	U	31	700
2-Nitroaniline		700	U	23	700
2-Nitrophenol		700	U	24	700
3,3'-Dichlorobenzidine		280	U	79	280
3-Nitroaniline		700	U	21	700
4,6-Dinitro-2-methylphenol		570	U	190	570
4-Bromophenyl phenyl ether		700	U	22	700
4-Chloro-3-methylphenol		700	U	30	700
4-Chloroaniline		700	U	18	700
4-Chlorophenyl phenyl ether		700	U	21	700
4-Methylphenol		700	U	19	700
4-Nitroaniline		700	U	27	700
4-Nitrophenol		1400	U	340	1400
Acenaphthene		86	J	17	700
Acenaphthylene		190	J	18	700
Acetophenone		700	U	15	700
Anthracene		390	J	67	700
Atrazine		280	U	31	280
Benzaldehyde		700	U	54	700
Benzo[a]anthracene		1500		59	70
Benzo[a]pyrene		1400	*	21	70
Benzo[b]fluoranthene		1800		28	70
Benzo[g,h,i]perylene		1800		41	700
Benzo[k]fluoranthene		560		31	70
Bis(2-chloroethoxy)methane		700	U	22	700
Bis(2-chloroethyl)ether		70	U	17	70
Bis(2-ethylhexyl) phthalate		170	J	28	700
Butyl benzyl phthalate		68	J	22	700
Caprolactam		700	U	51	700
Carbazole		150	J	17	700
Chrysene		1500		19	700
Dibenz(a,h)anthracene		360		37	70

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8280.D
Dilution:	2.0			Initial Weight/Volume:	15.0391 g
Analysis Date:	02/04/2015 0621			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		54	J	21	700
Diethyl phthalate		700	U	20	700
Dimethyl phthalate		700	U	20	700
Di-n-butyl phthalate		700	U	21	700
Di-n-octyl phthalate		700	U	36	700
Fluoranthene		2800		21	700
Fluorene		100	J	15	700
Hexachlorobenzene		70	U	29	70
Hexachlorobutadiene		140	U	20	140
Hexachlorocyclopentadiene		700	U	44	700
Hexachloroethane		70	U	26	70
Indeno[1,2,3-cd]pyrene		1800		47	70
Isophorone		280	U	15	280
Naphthalene		70	J	18	700
Nitrobenzene		70	U	22	70
N-Nitrosodi-n-propylamine		70	U	24	70
N-Nitrosodiphenylamine		700	U	64	700
Pentachlorophenol		570	U	85	570
Phenanthrene		1400		19	700
Phenol		700	U	23	700
Pyrene		2300		32	700

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	60		10 - 120
2-Fluorobiphenyl	67		40 - 109
2-Fluorophenol (Surr)	50		37 - 125
Nitrobenzene-d5 (Surr)	61		38 - 105
Phenol-d5 (Surr)	46		41 - 118
Terphenyl-d14 (Surr)	60		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8280.D
Dilution:	2.0			Initial Weight/Volume:	15.0391 g
Analysis Date:	02/04/2015 0621			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
192-97-2	Benzo[e]pyrene	13.63	1200	J N
214-17-5	Benzo[b]chrysene	15.22	710	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8281.D
Dilution:	1.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	02/04/2015 0648			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		370	U	32	370
1,2,4,5-Tetrachlorobenzene		370	U	28	370
2,2'-oxybis[1-chloropropane]		370	U	15	370
2,3,4,6-Tetrachlorophenol		370	U	35	370
2,4,5-Trichlorophenol		370	U	37	370
2,4,6-Trichlorophenol		150	U	11	150
2,4-Dichlorophenol		150	U	8.7	150
2,4-Dimethylphenol		370	U	81	370
2,4-Dinitrophenol		300	U	280	300
2,4-Dinitrotoluene		75	U	15	75
2,6-Dinitrotoluene		75	U	20	75
2-Chloronaphthalene		370	U	8.4	370
2-Chlorophenol		370	U	9.4	370
2-Methylnaphthalene		31	J	8.2	370
2-Methylphenol		370	U	16	370
2-Nitroaniline		370	U	12	370
2-Nitrophenol		370	U	12	370
3,3'-Dichlorobenzidine		150	U	41	150
3-Nitroaniline		370	U	11	370
4,6-Dinitro-2-methylphenol		300	U	99	300
4-Bromophenyl phenyl ether		370	U	12	370
4-Chloro-3-methylphenol		370	U	16	370
4-Chloroaniline		370	U	9.5	370
4-Chlorophenyl phenyl ether		370	U	11	370
4-Methylphenol		370	U	10	370
4-Nitroaniline		370	U	14	370
4-Nitrophenol		750	U	180	750
Acenaphthene		65	J	8.9	370
Acenaphthylene		130	J	9.5	370
Acetophenone		370	U	8.1	370
Anthracene		270	J	35	370
Atrazine		150	U	16	150
Benzaldehyde		370	U	28	370
Benzo[a]anthracene		1100		31	37
Benzo[a]pyrene		1100	*	11	37
Benzo[b]fluoranthene		1300		14	37
Benzo[g,h,i]perylene		1200		21	370
Benzo[k]fluoranthene		450		16	37
Bis(2-chloroethoxy)methane		370	U	12	370
Bis(2-chloroethyl)ether		37	U	8.7	37
Bis(2-ethylhexyl) phthalate		72	J	14	370
Butyl benzyl phthalate		32	J	11	370
Caprolactam		370	U	27	370
Carbazole		100	J	9.2	370
Chrysene		1200		10	370
Dibenz(a,h)anthracene		250		19	37

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8281.D
Dilution:	1.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	02/04/2015 0648			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		44	J	11	370
Diethyl phthalate		370	U	11	370
Dimethyl phthalate		370	U	11	370
Di-n-butyl phthalate		370	U	11	370
Di-n-octyl phthalate		370	U	19	370
Fluoranthene		2200		11	370
Fluorene		77	J	8.1	370
Hexachlorobenzene		37	U	15	37
Hexachlorobutadiene		75	U	10	75
Hexachlorocyclopentadiene		370	U	23	370
Hexachloroethane		37	U	14	37
Indeno[1,2,3-cd]pyrene		1200		25	37
Isophorone		35	J	7.9	150
Naphthalene		65	J	9.4	370
Nitrobenzene		37	U	12	37
N-Nitrosodi-n-propylamine		37	U	12	37
N-Nitrosodiphenylamine		370	U	34	370
Pentachlorophenol		300	U	45	300
Phenanthrene		1200		9.8	370
Phenol		370	U	12	370
Pyrene		1800		17	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	59		10 - 120
2-Fluorobiphenyl	68		40 - 109
2-Fluorophenol (Surr)	50		37 - 125
Nitrobenzene-d5 (Surr)	61		38 - 105
Phenol-d5 (Surr)	48		41 - 118
Terphenyl-d14 (Surr)	60		16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8
Client Matrix: Solid
% Moisture: 10.7

Date Sampled: 01/31/2015 1440
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8281.D
Dilution:	1.0			Initial Weight/Volume:	15.0224 g
Analysis Date:	02/04/2015 0648			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
2531-84-2	Phenanthrene, 2-methyl-	9.60	510	J N
192-97-2	Benzo[e]pyrene	13.63	850	J N
198-55-0	Perylene	13.83	340	J N
1000190-54-9	10-Bromo-1,2,3,4-tetrahydro-phenanthren-	15.22	450	J N
191-26-4	Dibenzo[def,mno]chrysene	16.07	320	J N

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9
Client Matrix: Solid

% Moisture: 9.6

Date Sampled: 01/31/2015 1110
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8279.D
Dilution:	1.0			Initial Weight/Volume:	15.0333 g
Analysis Date:	02/04/2015 0555			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		150	U	10	150
2,4-Dichlorophenol		150	U	8.6	150
2,4-Dimethylphenol		360	U	80	360
2,4-Dinitrophenol		290	U	280	290
2,4-Dinitrotoluene		74	U	14	74
2,6-Dinitrotoluene		74	U	19	74
2-Chloronaphthalene		360	U	8.3	360
2-Chlorophenol		360	U	9.3	360
2-Methylnaphthalene		9.9	J	8.1	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		150	U	41	150
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	97	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	16	360
4-Chloroaniline		360	U	9.4	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.9	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		740	U	180	740
Acenaphthene		10	J	8.8	360
Acenaphthylene		44	J	9.4	360
Acetophenone		360	U	7.9	360
Anthracene		53	J	35	360
Atrazine		150	U	16	150
Benzaldehyde		360	U	28	360
Benzo[a]anthracene		310		30	36
Benzo[a]pyrene		330	*	11	36
Benzo[b]fluoranthene		380		14	36
Benzo[g,h,i]perylene		480		21	360
Benzo[k]fluoranthene		160		16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.6	36
Bis(2-ethylhexyl) phthalate		71	J	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		22	J	9.0	360
Chrysene		330	J	9.9	360
Dibenz(a,h)anthracene		77		19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8279.D
Dilution:	1.0			Initial Weight/Volume:	15.0333 g
Analysis Date:	02/04/2015 0555			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	11	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	19	360
Fluoranthene		530		11	360
Fluorene		12	J	7.9	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		74	U	10	74
Hexachlorocyclopentadiene		360	U	23	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		460		24	36
Isophorone		150	U	7.8	150
Naphthalene		61	J	9.3	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	33	360
Pentachlorophenol		290	U	44	290
Phenanthrene		210	J	9.7	360
Phenol		360	U	12	360
Pyrene		510		17	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	57		10 - 120
2-Fluorobiphenyl	68		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	60		38 - 105
Phenol-d5 (Surr)	46		41 - 118
Terphenyl-d14 (Surr)	61		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279491	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279405	Lab File ID:	z8279.D
Dilution:	1.0			Initial Weight/Volume:	15.0333 g
Analysis Date:	02/04/2015 0555			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **2**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
6971-40-0	17-Pentatriacontene	12.54	310	J N
18431-82-8	Spiro[5.5]undec-2-ene, 3,7,7-trimethyl-1	14.33	1200	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8310.D
Dilution:	1.0			Initial Weight/Volume:	15.0361 g
Analysis Date:	02/05/2015 0928			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	30	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	35	360
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.4	140
2,4-Dimethylphenol		360	U	78	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		72	U	14	72
2,6-Dinitrotoluene		72	U	19	72
2-Chloronaphthalene		360	U	8.1	360
2-Chlorophenol		360	U	9.1	360
2-Methylnaphthalene		360	U	7.9	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		140	U	40	140
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	95	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	15	360
4-Chloroaniline		360	U	9.2	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.7	360
4-Nitroaniline		360	U	13	360
4-Nitrophenol		720	U	170	720
Acenaphthene		360	U	8.6	360
Acenaphthylene		360	U	9.2	360
Acetophenone		360	U	7.8	360
Anthracene		360	U	34	360
Atrazine		140	U	16	140
Benzaldehyde		360	U	27	360
Benzo[a]anthracene		36	U	30	36
Benzo[a]pyrene		36	U	11	36
Benzo[b]fluoranthene		36	U	14	36
Benzo[g,h,i]perylene		360	U	20	360
Benzo[k]fluoranthene		36	U	16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.4	36
Bis(2-ethylhexyl) phthalate		360	U	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		360	U	8.8	360
Chrysene		360	U	9.7	360
Dibenz(a,h)anthracene		36	U	19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8310.D
Dilution:	1.0			Initial Weight/Volume:	15.0361 g
Analysis Date:	02/05/2015 0928			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	10	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		360	U	11	360
Fluorene		360	U	7.8	360
Hexachlorobenzene		36	U	14	36
Hexachlorobutadiene		72	U	10	72
Hexachlorocyclopentadiene		360	U	22	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		36	U	24	36
Isophorone		140	U	7.7	140
Naphthalene		360	U	9.1	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	32	360
Pentachlorophenol		290	U	43	290
Phenanthrene		360	U	9.5	360
Phenol		360	U	12	360
Pyrene		360	U	16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	72		10 - 120
2-Fluorobiphenyl	78		40 - 109
2-Fluorophenol (Surr)	57		37 - 125
Nitrobenzene-d5 (Surr)	71		38 - 105
Phenol-d5 (Surr)	59		41 - 118
Terphenyl-d14 (Surr)	79		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8310.D
Dilution:	1.0			Initial Weight/Volume:	15.0361 g
Analysis Date:	02/05/2015 0928			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8318.D
Dilution:	2.0			Initial Weight/Volume:	15.0361 g
Analysis Date:	02/05/2015 1303			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		700	U	60	700
1,2,4,5-Tetrachlorobenzene		700	U	52	700
2,2'-oxybis[1-chloropropane]		700	U	29	700
2,3,4,6-Tetrachlorophenol		700	U	66	700
2,4,5-Trichlorophenol		700	U	70	700
2,4,6-Trichlorophenol		280	U	20	280
2,4-Dichlorophenol		280	U	17	280
2,4-Dimethylphenol		700	U	150	700
2,4-Dinitrophenol		570	U	530	570
2,4-Dinitrotoluene		140	U	28	140
2,6-Dinitrotoluene		140	U	37	140
2-Chloronaphthalene		700	U	16	700
2-Chlorophenol		700	U	18	700
2-Methylnaphthalene		18	J	16	700
2-Methylphenol		700	U	31	700
2-Nitroaniline		700	U	23	700
2-Nitrophenol		700	U	24	700
3,3'-Dichlorobenzidine		280	U	79	280
3-Nitroaniline		700	U	21	700
4,6-Dinitro-2-methylphenol		570	U	190	570
4-Bromophenyl phenyl ether		700	U *	22	700
4-Chloro-3-methylphenol		700	U	30	700
4-Chloroaniline		700	U	18	700
4-Chlorophenyl phenyl ether		700	U	21	700
4-Methylphenol		700	U	19	700
4-Nitroaniline		700	U	27	700
4-Nitrophenol		1400	U	340	1400
Acenaphthene		31	J	17	700
Acenaphthylene		76	J	18	700
Acetophenone		700	U	15	700
Anthracene		180	J	67	700
Atrazine		280	U	31	280
Benzaldehyde		700	U	54	700
Benzo[a]anthracene		550		59	70
Benzo[a]pyrene		480	*	21	70
Benzo[b]fluoranthene		550	*	27	70
Benzo[g,h,i]perylene		450	J	40	700
Benzo[k]fluoranthene		240		31	70
Bis(2-chloroethoxy)methane		700	U	22	700
Bis(2-chloroethyl)ether		70	U	17	70
Bis(2-ethylhexyl) phthalate		700	U	27	700
Butyl benzyl phthalate		700	U	22	700
Caprolactam		700	U	51	700
Carbazole		88	J	17	700
Chrysene		530	J	19	700
Dibenz(a,h)anthracene		100		37	70

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8318.D
Dilution:	2.0			Initial Weight/Volume:	15.0361 g
Analysis Date:	02/05/2015 1303			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		30	J	21	700
Diethyl phthalate		700	U	20	700
Dimethyl phthalate		700	U	20	700
Di-n-butyl phthalate		700	U	21	700
Di-n-octyl phthalate		700	U	36	700
Fluoranthene		1200		21	700
Fluorene		43	J	15	700
Hexachlorobenzene		70	U *	29	70
Hexachlorobutadiene		140	U	20	140
Hexachlorocyclopentadiene		700	U	44	700
Hexachloroethane		70	U	26	70
Indeno[1,2,3-cd]pyrene		500		47	70
Isophorone		4200		15	280
Naphthalene		700	U	18	700
Nitrobenzene		70	U	22	70
N-Nitrosodi-n-propylamine		70	U	24	70
N-Nitrosodiphenylamine		700	U *	64	700
Pentachlorophenol		570	U	85	570
Phenanthrene		800		19	700
Phenol		700	U	23	700
Pyrene		830		32	700

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	10		10 - 120
2-Fluorobiphenyl	59		40 - 109
2-Fluorophenol (Surr)	27	*	37 - 125
Nitrobenzene-d5 (Surr)	54		38 - 105
Phenol-d5 (Surr)	39	*	41 - 118
Terphenyl-d14 (Surr)	49		16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11
Client Matrix: Solid
% Moisture: 6.2

Date Sampled: 01/31/2015 1330
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8318.D
Dilution:	2.0			Initial Weight/Volume:	15.0361 g
Analysis Date:	02/05/2015 1303			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
107-70-0	2-Pentanone, 4-methoxy-4-methyl-	3.57	8100	J N
1193-18-6	2-Cyclohexen-1-one, 3-methyl-	4.79	2600	J N
504-20-1	2,5-Heptadien-4-one, 2,6-dimethyl-	5.16	4100	J N
7720-39-0	1H-Imidazol-2-amine	5.39	2900	J N
117888-04-7	2,4-Diethyl-6-methyl-1,3,5-trioxane	5.70	2000	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8300.D
Dilution:	1.0			Initial Weight/Volume:	15.0221 g
Analysis Date:	02/05/2015 0500			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		370	U	32	370
1,2,4,5-Tetrachlorobenzene		370	U	28	370
2,2'-oxybis[1-chloropropane]		370	U	15	370
2,3,4,6-Tetrachlorophenol		370	U	35	370
2,4,5-Trichlorophenol		370	U	37	370
2,4,6-Trichlorophenol		150	U	11	150
2,4-Dichlorophenol		150	U	8.8	150
2,4-Dimethylphenol		370	U	82	370
2,4-Dinitrophenol		300	U	280	300
2,4-Dinitrotoluene		76	U	15	76
2,6-Dinitrotoluene		76	U	20	76
2-Chloronaphthalene		370	U	8.5	370
2-Chlorophenol		370	U	9.5	370
2-Methylnaphthalene		370	U	8.3	370
2-Methylphenol		370	U	16	370
2-Nitroaniline		370	U	12	370
2-Nitrophenol		370	U	13	370
3,3'-Dichlorobenzidine		150	U	42	150
3-Nitroaniline		370	U	11	370
4,6-Dinitro-2-methylphenol		300	U	100	300
4-Bromophenyl phenyl ether		370	U	12	370
4-Chloro-3-methylphenol		370	U	16	370
4-Chloroaniline		370	U	9.6	370
4-Chlorophenyl phenyl ether		370	U	11	370
4-Methylphenol		370	U	10	370
4-Nitroaniline		370	U	14	370
4-Nitrophenol		760	U	180	760
Acenaphthene		370	U	9.1	370
Acenaphthylene		370	U	9.6	370
Acetophenone		370	U	8.2	370
Anthracene		370	U	36	370
Atrazine		150	U	17	150
Benzaldehyde		370	U	29	370
Benzo[a]anthracene		37	U	31	37
Benzo[a]pyrene		37	U	11	37
Benzo[b]fluoranthene		37	U	15	37
Benzo[g,h,i]perylene		370	U	22	370
Benzo[k]fluoranthene		37	U	16	37
Bis(2-chloroethoxy)methane		370	U	12	370
Bis(2-chloroethyl)ether		37	U	8.8	37
Bis(2-ethylhexyl) phthalate		370	U	15	370
Butyl benzyl phthalate		370	U	12	370
Caprolactam		370	U	27	370
Carbazole		370	U	9.3	370
Chrysene		370	U	10	370
Dibenz(a,h)anthracene		37	U	19	37

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8300.D
Dilution:	1.0			Initial Weight/Volume:	15.0221 g
Analysis Date:	02/05/2015 0500			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		370	U	11	370
Diethyl phthalate		370	U	11	370
Dimethyl phthalate		370	U	11	370
Di-n-butyl phthalate		370	U	11	370
Di-n-octyl phthalate		370	U	19	370
Fluoranthene		370	U	11	370
Fluorene		370	U	8.2	370
Hexachlorobenzene		37	U	15	37
Hexachlorobutadiene		76	U	11	76
Hexachlorocyclopentadiene		370	U	23	370
Hexachloroethane		37	U	14	37
Indeno[1,2,3-cd]pyrene		37	U	25	37
Isophorone		150	U	8.0	150
Naphthalene		370	U	9.5	370
Nitrobenzene		37	U	12	37
N-Nitrosodi-n-propylamine		37	U	13	37
N-Nitrosodiphenylamine		370	U	34	370
Pentachlorophenol		300	U	45	300
Phenanthrene		370	U	10	370
Phenol		370	U	12	370
Pyrene		370	U	17	370

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	56		10 - 120
2-Fluorobiphenyl	64		40 - 109
2-Fluorophenol (Surr)	55		37 - 125
Nitrobenzene-d5 (Surr)	62		38 - 105
Phenol-d5 (Surr)	56		41 - 118
Terphenyl-d14 (Surr)	74		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8300.D
Dilution:	1.0			Initial Weight/Volume:	15.0221 g
Analysis Date:	02/05/2015 0500			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13
Client Matrix: Solid
% Moisture: 13.7
Date Sampled: 01/31/2015 1240
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8315.D
Dilution:	2.0			Initial Weight/Volume:	15.0501 g
Analysis Date:	02/05/2015 1143			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		140	J	65	760
1,2,4,5-Tetrachlorobenzene		760	U	57	760
2,2'-oxybis[1-chloropropane]		760	U	31	760
2,3,4,6-Tetrachlorophenol		760	U	72	760
2,4,5-Trichlorophenol		760	U	76	760
2,4,6-Trichlorophenol		310	U	22	310
2,4-Dichlorophenol		310	U	18	310
2,4-Dimethylphenol		760	U	170	760
2,4-Dinitrophenol		610	U	580	610
2,4-Dinitrotoluene		150	U	30	150
2,6-Dinitrotoluene		150	U	41	150
2-Chloronaphthalene		760	U	17	760
2-Chlorophenol		760	U	19	760
2-Methylnaphthalene		390	J	17	760
2-Methylphenol		760	U	33	760
2-Nitroaniline		760	U	25	760
2-Nitrophenol		760	U	26	760
3,3'-Dichlorobenzidine		310	U	85	310
3-Nitroaniline		760	U	23	760
4,6-Dinitro-2-methylphenol		610	U	200	610
4-Bromophenyl phenyl ether		760	U	24	760
4-Chloro-3-methylphenol		760	U	33	760
4-Chloroaniline		760	U	20	760
4-Chlorophenyl phenyl ether		760	U	23	760
4-Methylphenol		29	J	21	760
4-Nitroaniline		760	U	29	760
4-Nitrophenol		1500	U	370	1500
Acenaphthene		310	J	18	760
Acenaphthylene		840		20	760
Acetophenone		760	U	17	760
Anthracene		1500		73	760
Atrazine		310	U	34	310
Benzaldehyde		760	U	58	760
Benzo[a]anthracene		3400		64	76
Benzo[a]pyrene		3200		23	76
Benzo[b]fluoranthene		3700		30	76
Benzo[g,h,i]perylene		3300		44	760
Benzo[k]fluoranthene		1600		33	76
Bis(2-chloroethoxy)methane		760	U	24	760
Bis(2-chloroethyl)ether		76	U	18	76
Bis(2-ethylhexyl) phthalate		1500		30	760
Butyl benzyl phthalate		99	J	24	760
Caprolactam		760	U	55	760
Carbazole		710	J	19	760
Chrysene		3600		21	760
Dibenz(a,h)anthracene		800		40	76

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8315.D
Dilution:	2.0			Initial Weight/Volume:	15.0501 g
Analysis Date:	02/05/2015 1143			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		780		23	760
Diethyl phthalate		760	U	22	760
Dimethyl phthalate		760	U	22	760
Di-n-butyl phthalate		900		23	760
Di-n-octyl phthalate		760	U	39	760
Fluoranthene		9100		23	760
Fluorene		1100		17	760
Hexachlorobenzene		76	U	31	76
Hexachlorobutadiene		150	U	21	150
Hexachlorocyclopentadiene		760	U	48	760
Hexachloroethane		76	U	28	76
Indeno[1,2,3-cd]pyrene		3500		51	76
Isophorone		310	U	16	310
Naphthalene		850		19	760
Nitrobenzene		76	U	24	76
N-Nitrosodi-n-propylamine		76	U	26	76
N-Nitrosodiphenylamine		760	U	69	760
Pentachlorophenol		610	U	92	610
Phenanthrene		8900		20	760
Phenol		760	U	25	760
Pyrene		6200		35	760

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	46		10 - 120
2-Fluorobiphenyl	67		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	59		38 - 105
Phenol-d5 (Surr)	49		41 - 118
Terphenyl-d14 (Surr)	61		16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13
Client Matrix: Solid
% Moisture: 13.7

Date Sampled: 01/31/2015 1240
Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8315.D
Dilution:	2.0			Initial Weight/Volume:	15.0501 g
Analysis Date:	02/05/2015 1143			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 5**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
593-45-3	Octadecane	8.87	1400	J N
832-69-9	Phenanthrene, 1-methyl-	9.50	1400	J N
203-64-5	4H-Cyclopenta[def]phenanthrene	9.59	1900	J N
192-97-2	Benzo[e]pyrene	13.61	2100	J N
215-58-7	Benzo[b]triphenylene	15.18	990	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8301.D
Dilution:	1.0			Initial Weight/Volume:	15.0112 g
Analysis Date:	02/05/2015 0526			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		150	U	10	150
2,4-Dichlorophenol		150	U	8.5	150
2,4-Dimethylphenol		360	U	79	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		73	U	14	73
2,6-Dinitrotoluene		73	U	19	73
2-Chloronaphthalene		360	U	8.2	360
2-Chlorophenol		360	U	9.2	360
2-Methylnaphthalene		360	U	8.0	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		150	U	40	150
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	96	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	16	360
4-Chloroaniline		360	U	9.3	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.8	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		730	U	170	730
Acenaphthene		360	U	8.7	360
Acenaphthylene		360	U	9.3	360
Acetophenone		360	U	7.9	360
Anthracene		360	U	34	360
Atrazine		150	U	16	150
Benzaldehyde		360	U	28	360
Benzo[a]anthracene		36	U	30	36
Benzo[a]pyrene		36	U	11	36
Benzo[b]fluoranthene		36	U	14	36
Benzo[g,h,i]perylene		360	U	21	360
Benzo[k]fluoranthene		36	U	16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.5	36
Bis(2-ethylhexyl) phthalate		360	U	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		360	U	9.0	360
Chrysene		360	U	9.8	360
Dibenz(a,h)anthracene		36	U	19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8301.D
Dilution:	1.0			Initial Weight/Volume:	15.0112 g
Analysis Date:	02/05/2015 0526			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	10	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		360	U	11	360
Fluorene		360	U	7.9	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		73	U	10	73
Hexachlorocyclopentadiene		360	U	23	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		36	U	24	36
Isophorone		150	U	7.8	150
Naphthalene		360	U	9.2	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	33	360
Pentachlorophenol		290	U	44	290
Phenanthrene		360	U	9.6	360
Phenol		360	U	12	360
Pyrene		360	U	16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	54		10 - 120
2-Fluorobiphenyl	65		40 - 109
2-Fluorophenol (Surr)	52		37 - 125
Nitrobenzene-d5 (Surr)	60		38 - 105
Phenol-d5 (Surr)	54		41 - 118
Terphenyl-d14 (Surr)	74		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8301.D
Dilution:	1.0			Initial Weight/Volume:	15.0112 g
Analysis Date:	02/05/2015 0526			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8302.D
Dilution:	1.0			Initial Weight/Volume:	15.0139 g
Analysis Date:	02/05/2015 0553			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.4	140
2,4-Dimethylphenol		360	U	79	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		73	U	14	73
2,6-Dinitrotoluene		73	U	19	73
2-Chloronaphthalene		360	U	8.1	360
2-Chlorophenol		360	U	9.1	360
2-Methylnaphthalene		360	U	7.9	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		140	U	40	140
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	95	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	15	360
4-Chloroaniline		360	U	9.2	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.7	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		730	U	170	730
Acenaphthene		360	U	8.7	360
Acenaphthylene		360	U	9.2	360
Acetophenone		360	U	7.8	360
Anthracene		360	U	34	360
Atrazine		140	U	16	140
Benzaldehyde		360	U	27	360
Benzo[a]anthracene		36	U	30	36
Benzo[a]pyrene		36	U	11	36
Benzo[b]fluoranthene		36	U	14	36
Benzo[g,h,i]perylene		360	U	21	360
Benzo[k]fluoranthene		36	U	16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.4	36
Bis(2-ethylhexyl) phthalate		360	U	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		360	U	8.9	360
Chrysene		360	U	9.7	360
Dibenz(a,h)anthracene		36	U	19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8302.D
Dilution:	1.0			Initial Weight/Volume:	15.0139 g
Analysis Date:	02/05/2015 0553			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	10	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		16	J	11	360
Fluorene		360	U	7.8	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		73	U	10	73
Hexachlorocyclopentadiene		360	U	22	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		36	U	24	36
Isophorone		140	U	7.7	140
Naphthalene		360	U	9.1	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	32	360
Pentachlorophenol		290	U	43	290
Phenanthrene		15	J	9.5	360
Phenol		360	U	12	360
Pyrene		360	U	16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	48		10 - 120
2-Fluorobiphenyl	61		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	56		38 - 105
Phenol-d5 (Surr)	50		41 - 118
Terphenyl-d14 (Surr)	69		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8302.D
Dilution:	1.0			Initial Weight/Volume:	15.0139 g
Analysis Date:	02/05/2015 0553			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8317.D
Dilution:	2.0			Initial Weight/Volume:	15.0014 g
Analysis Date:	02/05/2015 1237			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		710	U	61	710
1,2,4,5-Tetrachlorobenzene		710	U	53	710
2,2'-oxybis[1-chloropropane]		710	U	29	710
2,3,4,6-Tetrachlorophenol		710	U	67	710
2,4,5-Trichlorophenol		710	U	71	710
2,4,6-Trichlorophenol		290	U	20	290
2,4-Dichlorophenol		290	U	17	290
2,4-Dimethylphenol		710	U	160	710
2,4-Dinitrophenol		570	U	540	570
2,4-Dinitrotoluene		140	U	28	140
2,6-Dinitrotoluene		140	U	38	140
2-Chloronaphthalene		710	U	16	710
2-Chlorophenol		710	U	18	710
2-Methylnaphthalene		710	U	16	710
2-Methylphenol		710	U	31	710
2-Nitroaniline		710	U	23	710
2-Nitrophenol		710	U	24	710
3,3'-Dichlorobenzidine		290	U	79	290
3-Nitroaniline		710	U	21	710
4,6-Dinitro-2-methylphenol		570	U	190	570
4-Bromophenyl phenyl ether		710	U	22	710
4-Chloro-3-methylphenol		710	U	31	710
4-Chloroaniline		710	U	18	710
4-Chlorophenyl phenyl ether		710	U	21	710
4-Methylphenol		710	U	19	710
4-Nitroaniline		710	U	27	710
4-Nitrophenol		1400	U	340	1400
Acenaphthene		710	U	17	710
Acenaphthylene		63	J	18	710
Acetophenone		710	U	15	710
Anthracene		73	J	68	710
Atrazine		290	U	32	290
Benzaldehyde		710	U	54	710
Benzo[a]anthracene		300		59	71
Benzo[a]pyrene		320		22	71
Benzo[b]fluoranthene		430		28	71
Benzo[g,h,i]perylene		440	J	41	710
Benzo[k]fluoranthene		120		31	71
Bis(2-chloroethoxy)methane		710	U	22	710
Bis(2-chloroethyl)ether		71	U	17	71
Bis(2-ethylhexyl) phthalate		64	J	28	710
Butyl benzyl phthalate		710	U	22	710
Caprolactam		710	U	51	710
Carbazole		41	J	18	710
Chrysene		350	J	19	710
Dibenz(a,h)anthracene		80		37	71

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8317.D
Dilution:	2.0			Initial Weight/Volume:	15.0014 g
Analysis Date:	02/05/2015 1237			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		710	U	22	710
Diethyl phthalate		710	U	20	710
Dimethyl phthalate		710	U	21	710
Di-n-butyl phthalate		710	U	21	710
Di-n-octyl phthalate		710	U	36	710
Fluoranthene		550	J	21	710
Fluorene		710	U	15	710
Hexachlorobenzene		71	U	29	71
Hexachlorobutadiene		140	U	20	140
Hexachlorocyclopentadiene		710	U	44	710
Hexachloroethane		71	U	26	71
Indeno[1,2,3-cd]pyrene		450		47	71
Isophorone		290	U	15	290
Naphthalene		19	J	18	710
Nitrobenzene		71	U	22	71
N-Nitrosodi-n-propylamine		71	U	24	71
N-Nitrosodiphenylamine		710	U	65	710
Pentachlorophenol		570	U	86	570
Phenanthrene		280	J	19	710
Phenol		710	U	23	710
Pyrene		420	J	32	710

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	49		10 - 120
2-Fluorobiphenyl	66		40 - 109
2-Fluorophenol (Surr)	50		37 - 125
Nitrobenzene-d5 (Surr)	58		38 - 105
Phenol-d5 (Surr)	49		41 - 118
Terphenyl-d14 (Surr)	59		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8317.D
Dilution:	2.0			Initial Weight/Volume:	15.0014 g
Analysis Date:	02/05/2015 1237			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8314.D
Dilution:	1.0			Initial Weight/Volume:	15.0132 g
Analysis Date:	02/05/2015 1116			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		150	U	10	150
2,4-Dichlorophenol		150	U	8.5	150
2,4-Dimethylphenol		360	U	80	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		73	U	14	73
2,6-Dinitrotoluene		73	U	19	73
2-Chloronaphthalene		360	U	8.2	360
2-Chlorophenol		360	U	9.2	360
2-Methylnaphthalene		18	J	8.0	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		150	U	40	150
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	97	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	16	360
4-Chloroaniline		360	U	9.3	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.9	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		730	U	170	730
Acenaphthene		36	J	8.8	360
Acenaphthylene		41	J	9.3	360
Acetophenone		360	U	7.9	360
Anthracene		100	J	34	360
Atrazine		150	U	16	150
Benzaldehyde		360	U	28	360
Benzo[a]anthracene		450		30	36
Benzo[a]pyrene		460		11	36
Benzo[b]fluoranthene		600		14	36
Benzo[g,h,i]perylene		560		21	360
Benzo[k]fluoranthene		200		16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.5	36
Bis(2-ethylhexyl) phthalate		65	J	14	360
Butyl benzyl phthalate		72	J	11	360
Caprolactam		360	U	26	360
Carbazole		83	J	9.0	360
Chrysene		500		9.9	360
Dibenz(a,h)anthracene		100		19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8314.D
Dilution:	1.0			Initial Weight/Volume:	15.0132 g
Analysis Date:	02/05/2015 1116			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		27	J	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	11	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		980		11	360
Fluorene		33	J	7.9	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		73	U	10	73
Hexachlorocyclopentadiene		360	U	23	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		540		24	36
Isophorone		540		7.8	150
Naphthalene		30	J	9.2	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	33	360
Pentachlorophenol		290	U	44	290
Phenanthrene		720		9.6	360
Phenol		360	U	12	360
Pyrene		860		16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	41		10 - 120
2-Fluorobiphenyl	76		40 - 109
2-Fluorophenol (Surr)	49		37 - 125
Nitrobenzene-d5 (Surr)	66		38 - 105
Phenol-d5 (Surr)	51		41 - 118
Terphenyl-d14 (Surr)	72		16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17

Client Matrix: Solid

% Moisture: 8.8

Date Sampled: 01/31/2015 1100

Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8314.D
Dilution:	1.0			Initial Weight/Volume:	15.0132 g
Analysis Date:	02/05/2015 1116			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
107-70-0	2-Pentanone, 4-methoxy-4-methyl-	3.58	1000	J N
1193-18-6	2-Cyclohexen-1-one, 3-methyl-	4.79	350	J N
504-20-1	2,5-Heptadien-4-one, 2,6-dimethyl-	5.16	740	J N
73583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-one	5.39	960	J N
3892-00-0	Pentadecane, 2,6,10-trimethyl-	5.45	310	J N
1000101-80-3	4-O-Acetyl-2,5-di-O-methyl-3,6-dideoxy-d	5.70	550	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8313.D
Dilution:	1.0			Initial Weight/Volume:	15.0251 g
Analysis Date:	02/05/2015 1049			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	31	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	36	360
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.5	140
2,4-Dimethylphenol		360	U	79	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		73	U	14	73
2,6-Dinitrotoluene		73	U	19	73
2-Chloronaphthalene		360	U	8.2	360
2-Chlorophenol		360	U	9.1	360
2-Methylnaphthalene		360	U	7.9	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		140	U	40	140
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	96	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	15	360
4-Chloroaniline		360	U	9.3	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.8	360
4-Nitroaniline		360	U	14	360
4-Nitrophenol		730	U	170	730
Acenaphthene		360	U	8.7	360
Acenaphthylene		40	J	9.3	360
Acetophenone		360	U	7.8	360
Anthracene		43	J	34	360
Atrazine		140	U	16	140
Benzaldehyde		360	U	27	360
Benzo[a]anthracene		250		30	36
Benzo[a]pyrene		280		11	36
Benzo[b]fluoranthene		350		14	36
Benzo[g,h,i]perylene		400		21	360
Benzo[k]fluoranthene		100		16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.5	36
Bis(2-ethylhexyl) phthalate		360	U	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		15	J	8.9	360
Chrysene		300	J	9.8	360
Dibenz(a,h)anthracene		70		19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8313.D
Dilution:	1.0			Initial Weight/Volume:	15.0251 g
Analysis Date:	02/05/2015 1049			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	10	360
Di-n-butyl phthalate		14	J	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		420		11	360
Fluorene		360	U	7.8	360
Hexachlorobenzene		36	U	15	36
Hexachlorobutadiene		73	U	10	73
Hexachlorocyclopentadiene		360	U	22	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		350		24	36
Isophorone		140	U	7.7	140
Naphthalene		15	J	9.1	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	33	360
Pentachlorophenol		290	U	44	290
Phenanthrene		150	J	9.6	360
Phenol		360	U	12	360
Pyrene		500		16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	58		10 - 120
2-Fluorobiphenyl	72		40 - 109
2-Fluorophenol (Surr)	52		37 - 125
Nitrobenzene-d5 (Surr)	63		38 - 105
Phenol-d5 (Surr)	53		41 - 118
Terphenyl-d14 (Surr)	74		16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18

Client Matrix: Solid

% Moisture: 8.3

Date Sampled: 01/31/2015 1020

Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8313.D
Dilution:	1.0			Initial Weight/Volume:	15.0251 g
Analysis Date:	02/05/2015 1049			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found: 6**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
630-02-4	Octacosane	10.07	520	J N
5737-13-3	Cyclopenta(def)phenanthrenone	10.10	450	J N
1000149-58-8	Cyclohexane, 1,5-diisopropyl-2,3-dimethy	13.92	300	J N
7683-64-9	Squalene	14.97	300	J N
51513-06-5	1-Naphthalenol, decahydro-5-(5-hydroxy-3	15.05	690	J N
155473-95-3	1H-Pyrano[3,4-c]pyridine-5-carbonitrile,	16.39	480	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8305.D
Dilution:	1.0			Initial Weight/Volume:	15.0471 g
Analysis Date:	02/05/2015 0714			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		340	U	29	340
1,2,4,5-Tetrachlorobenzene		340	U	25	340
2,2'-oxybis[1-chloropropane]		340	U	14	340
2,3,4,6-Tetrachlorophenol		340	U	32	340
2,4,5-Trichlorophenol		340	U	34	340
2,4,6-Trichlorophenol		140	U	9.7	140
2,4-Dichlorophenol		140	U	8.0	140
2,4-Dimethylphenol		340	U	75	340
2,4-Dinitrophenol		270	U	260	270
2,4-Dinitrotoluene		69	U	14	69
2,6-Dinitrotoluene		69	U	18	69
2-Chloronaphthalene		340	U	7.7	340
2-Chlorophenol		340	U	8.7	340
2-Methylnaphthalene		340	U	7.5	340
2-Methylphenol		340	U	15	340
2-Nitroaniline		340	U	11	340
2-Nitrophenol		340	U	11	340
3,3'-Dichlorobenzidine		140	U	38	140
3-Nitroaniline		340	U	10	340
4,6-Dinitro-2-methylphenol		270	U	91	270
4-Bromophenyl phenyl ether		340	U	11	340
4-Chloro-3-methylphenol		340	U	15	340
4-Chloroaniline		340	U	8.8	340
4-Chlorophenyl phenyl ether		340	U	10	340
4-Methylphenol		340	U	9.3	340
4-Nitroaniline		340	U	13	340
4-Nitrophenol		690	U	160	690
Acenaphthene		340	U	8.3	340
Acenaphthylene		340	U	8.8	340
Acetophenone		340	U	7.4	340
Anthracene		340	U	32	340
Atrazine		140	U	15	140
Benzaldehyde		340	U	26	340
Benzo[a]anthracene		34	U	28	34
Benzo[a]pyrene		34	U	10	34
Benzo[b]fluoranthene		34	U	13	34
Benzo[g,h,i]perylene		340	U	20	340
Benzo[k]fluoranthene		34	U	15	34
Bis(2-chloroethoxy)methane		340	U	11	340
Bis(2-chloroethyl)ether		34	U	8.0	34
Bis(2-ethylhexyl) phthalate		340	U	13	340
Butyl benzyl phthalate		340	U	11	340
Caprolactam		340	U	25	340
Carbazole		340	U	8.5	340
Chrysene		340	U	9.3	340
Dibenz(a,h)anthracene		34	U	18	34

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8305.D
Dilution:	1.0			Initial Weight/Volume:	15.0471 g
Analysis Date:	02/05/2015 0714			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		340	U	10	340
Diethyl phthalate		340	U	9.7	340
Dimethyl phthalate		340	U	9.9	340
Di-n-butyl phthalate		340	U	10	340
Di-n-octyl phthalate		340	U	17	340
Fluoranthene		340	U	10	340
Fluorene		340	U	7.4	340
Hexachlorobenzene		34	U	14	34
Hexachlorobutadiene		69	U	9.6	69
Hexachlorocyclopentadiene		340	U	21	340
Hexachloroethane		34	U	12	34
Indeno[1,2,3-cd]pyrene		34	U	23	34
Isophorone		140	U	7.3	140
Naphthalene		340	U	8.7	340
Nitrobenzene		34	U	11	34
N-Nitrosodi-n-propylamine		34	U	11	34
N-Nitrosodiphenylamine		340	U	31	340
Pentachlorophenol		270	U	41	270
Phenanthrene		340	U	9.1	340
Phenol		340	U	11	340
Pyrene		340	U	15	340

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	58		10 - 120
2-Fluorobiphenyl	74		40 - 109
2-Fluorophenol (Surr)	57		37 - 125
Nitrobenzene-d5 (Surr)	69		38 - 105
Phenol-d5 (Surr)	60		41 - 118
Terphenyl-d14 (Surr)	85		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8305.D
Dilution:	1.0			Initial Weight/Volume:	15.0471 g
Analysis Date:	02/05/2015 0714			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8309.D
Dilution:	1.0			Initial Weight/Volume:	15.0313 g
Analysis Date:	02/05/2015 0901			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		360	U	30	360
1,2,4,5-Tetrachlorobenzene		360	U	27	360
2,2'-oxybis[1-chloropropane]		360	U	15	360
2,3,4,6-Tetrachlorophenol		360	U	34	360
2,4,5-Trichlorophenol		360	U	35	360
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.4	140
2,4-Dimethylphenol		360	U	78	360
2,4-Dinitrophenol		290	U	270	290
2,4-Dinitrotoluene		72	U	14	72
2,6-Dinitrotoluene		72	U	19	72
2-Chloronaphthalene		360	U	8.1	360
2-Chlorophenol		360	U	9.0	360
2-Methylnaphthalene		11	J	7.9	360
2-Methylphenol		360	U	16	360
2-Nitroaniline		360	U	12	360
2-Nitrophenol		360	U	12	360
3,3'-Dichlorobenzidine		140	U	40	140
3-Nitroaniline		360	U	11	360
4,6-Dinitro-2-methylphenol		290	U	95	290
4-Bromophenyl phenyl ether		360	U	11	360
4-Chloro-3-methylphenol		360	U	15	360
4-Chloroaniline		360	U	9.2	360
4-Chlorophenyl phenyl ether		360	U	11	360
4-Methylphenol		360	U	9.7	360
4-Nitroaniline		360	U	13	360
4-Nitrophenol		720	U	170	720
Acenaphthene		23	J	8.6	360
Acenaphthylene		17	J	9.2	360
Acetophenone		360	U	7.8	360
Anthracene		77	J	34	360
Atrazine		140	U	16	140
Benzaldehyde		360	U	27	360
Benzo[a]anthracene		370		30	36
Benzo[a]pyrene		380		11	36
Benzo[b]fluoranthene		440		14	36
Benzo[g,h,i]perylene		380		20	360
Benzo[k]fluoranthene		170		16	36
Bis(2-chloroethoxy)methane		360	U	11	360
Bis(2-chloroethyl)ether		36	U	8.4	36
Bis(2-ethylhexyl) phthalate		360	U	14	360
Butyl benzyl phthalate		360	U	11	360
Caprolactam		360	U	26	360
Carbazole		24	J	8.8	360
Chrysene		390		9.7	360
Dibenz(a,h)anthracene		46		19	36

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8309.D
Dilution:	1.0			Initial Weight/Volume:	15.0313 g
Analysis Date:	02/05/2015 0901			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		360	U	11	360
Diethyl phthalate		360	U	10	360
Dimethyl phthalate		360	U	10	360
Di-n-butyl phthalate		360	U	11	360
Di-n-octyl phthalate		360	U	18	360
Fluoranthene		630		11	360
Fluorene		20	J	7.8	360
Hexachlorobenzene		36	U	14	36
Hexachlorobutadiene		72	U	10	72
Hexachlorocyclopentadiene		360	U	22	360
Hexachloroethane		36	U	13	36
Indeno[1,2,3-cd]pyrene		410		24	36
Isophorone		44	J	7.6	140
Naphthalene		18	J	9.0	360
Nitrobenzene		36	U	11	36
N-Nitrosodi-n-propylamine		36	U	12	36
N-Nitrosodiphenylamine		360	U	32	360
Pentachlorophenol		290	U	43	290
Phenanthrene		390		9.5	360
Phenol		360	U	12	360
Pyrene		730		16	360

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	49		10 - 120
2-Fluorobiphenyl	68		40 - 109
2-Fluorophenol (Surr)	48		37 - 125
Nitrobenzene-d5 (Surr)	59		38 - 105
Phenol-d5 (Surr)	47		41 - 118
Terphenyl-d14 (Surr)	70		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8309.D
Dilution:	1.0			Initial Weight/Volume:	15.0313 g
Analysis Date:	02/05/2015 0901			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
1576-67-6	Phenanthrene, 3,6-dimethyl-	10.08	290	J N
	Unknown	12.86	390	J
2437-56-1	1-Tridecene	16.40	730	J N

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8306.D
Dilution:	1.0			Initial Weight/Volume:	15.0551 g
Analysis Date:	02/05/2015 0741			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,1'-Biphenyl		350	U	30	350
1,2,4,5-Tetrachlorobenzene		350	U	26	350
2,2'-oxybis[1-chloropropane]		350	U	14	350
2,3,4,6-Tetrachlorophenol		350	U	33	350
2,4,5-Trichlorophenol		350	U	35	350
2,4,6-Trichlorophenol		140	U	10	140
2,4-Dichlorophenol		140	U	8.3	140
2,4-Dimethylphenol		350	U	77	350
2,4-Dinitrophenol		280	U	270	280
2,4-Dinitrotoluene		71	U	14	71
2,6-Dinitrotoluene		71	U	19	71
2-Chloronaphthalene		350	U	8.0	350
2-Chlorophenol		350	U	8.9	350
2-Methylnaphthalene		350	U	7.7	350
2-Methylphenol		350	U	15	350
2-Nitroaniline		350	U	12	350
2-Nitrophenol		350	U	12	350
3,3'-Dichlorobenzidine		140	U	39	140
3-Nitroaniline		350	U	10	350
4,6-Dinitro-2-methylphenol		280	U	94	280
4-Bromophenyl phenyl ether		350	U	11	350
4-Chloro-3-methylphenol		350	U	15	350
4-Chloroaniline		350	U	9.0	350
4-Chlorophenyl phenyl ether		350	U	10	350
4-Methylphenol		350	U	9.5	350
4-Nitroaniline		350	U	13	350
4-Nitrophenol		710	U	170	710
Acenaphthene		350	U	8.5	350
Acenaphthylene		350	U	9.0	350
Acetophenone		350	U	7.6	350
Anthracene		350	U	33	350
Atrazine		140	U	16	140
Benzaldehyde		350	U	27	350
Benzo[a]anthracene		35	U	29	35
Benzo[a]pyrene		35	U	11	35
Benzo[b]fluoranthene		35	U	14	35
Benzo[g,h,i]perylene		350	U	20	350
Benzo[k]fluoranthene		35	U	15	35
Bis(2-chloroethoxy)methane		350	U	11	350
Bis(2-chloroethyl)ether		35	U	8.3	35
Bis(2-ethylhexyl) phthalate		350	U	14	350
Butyl benzyl phthalate		350	U	11	350
Caprolactam		350	U	25	350
Carbazole		350	U	8.7	350
Chrysene		350	U	9.5	350
Dibenz(a,h)anthracene		35	U	18	35

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8306.D
Dilution:	1.0			Initial Weight/Volume:	15.0551 g
Analysis Date:	02/05/2015 0741			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dibenzofuran		350	U	11	350
Diethyl phthalate		350	U	10	350
Dimethyl phthalate		350	U	10	350
Di-n-butyl phthalate		350	U	10	350
Di-n-octyl phthalate		350	U	18	350
Fluoranthene		350	U	10	350
Fluorene		350	U	7.6	350
Hexachlorobenzene		35	U	14	35
Hexachlorobutadiene		71	U	9.9	71
Hexachlorocyclopentadiene		350	U	22	350
Hexachloroethane		35	U	13	35
Indeno[1,2,3-cd]pyrene		35	U	23	35
Isophorone		140	U	7.5	140
Naphthalene		350	U	8.9	350
Nitrobenzene		35	U	11	35
N-Nitrosodi-n-propylamine		35	U	12	35
N-Nitrosodiphenylamine		350	U	32	350
Pentachlorophenol		280	U	42	280
Phenanthrene		350	U	9.3	350
Phenol		350	U	11	350
Pyrene		350	U	16	350

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	46		10 - 120
2-Fluorobiphenyl	66		40 - 109
2-Fluorophenol (Surr)	48		37 - 125
Nitrobenzene-d5 (Surr)	60		38 - 105
Phenol-d5 (Surr)	50		41 - 118
Terphenyl-d14 (Surr)	73		16 - 151

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Prep Method:	3546	Prep Batch:	460-279647	Lab File ID:	z8306.D
Dilution:	1.0			Initial Weight/Volume:	15.0551 g
Analysis Date:	02/05/2015 0741			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1757			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.6	U	1.5	7.6
4,4'-DDE		7.6	U	1.5	7.6
4,4'-DDT		6.7	J	1.8	7.6
Aldrin		7.6	U	1.6	7.6
alpha-BHC		2.3	U	1.7	2.3
beta-BHC		2.3	U	1.8	2.3
Chlordane (technical)		76	U	21	76
delta-BHC		2.3	U	1.4	2.3
Dieldrin		2.3	U	1.4	2.3
Endosulfan I		7.6	U	1.7	7.6
Endosulfan II		7.6	U	1.5	7.6
Endosulfan sulfate		7.6	U	1.5	7.6
Endrin		7.6	U	1.8	7.6
Endrin aldehyde		7.6	U	1.1	7.6
Endrin ketone		7.6	U	1.5	7.6
gamma-BHC (Lindane)		2.3	U	1.4	2.3
Heptachlor		7.6	U	1.8	7.6
Heptachlor epoxide		7.6	U	1.7	7.6
Methoxychlor		7.6	U	1.8	7.6
Toxaphene		76	U	20	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		76 - 149
Tetrachloro-m-xylene	98		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1757			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	106		76 - 149
Tetrachloro-m-xylene	93		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1808			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.7	U	1.5	7.7
4,4'-DDE		7.7	U	1.5	7.7
4,4'-DDT		7.7	U	1.8	7.7
Aldrin		7.7	U	1.6	7.7
alpha-BHC		2.3	U	1.7	2.3
beta-BHC		2.3	U	1.8	2.3
Chlordane (technical)		77	U	22	77
delta-BHC		2.3	U	1.4	2.3
Dieldrin		2.3	U	1.4	2.3
Endosulfan I		7.7	U	1.7	7.7
Endosulfan II		7.7	U	1.5	7.7
Endosulfan sulfate		7.7	U	1.5	7.7
Endrin		7.7	U	1.8	7.7
Endrin aldehyde		7.7	U	1.1	7.7
Endrin ketone		7.7	U	1.5	7.7
gamma-BHC (Lindane)		2.3	U	1.4	2.3
Heptachlor		7.7	U	1.8	7.7
Heptachlor epoxide		7.7	U	1.7	7.7
Methoxychlor		7.7	U	1.8	7.7
Toxaphene		77	U	21	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		76 - 149
Tetrachloro-m-xylene	106		72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2
Client Matrix: Solid
% Moisture: 12.6

Date Sampled: 01/31/2015 1520
Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1808			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		76 - 149
Tetrachloro-m-xylene	97		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0424 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1820			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		5.0	J	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.7	2.2
Chlordane (technical)		72	U	21	72
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		76 - 149
Tetrachloro-m-xylene	108		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0424 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1820			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		76 - 149
Tetrachloro-m-xylene	97		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0236 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1831			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		5.4	J	1.4	7.0
4,4'-DDE		10		1.4	7.0
4,4'-DDT		40		1.7	7.0
Aldrin		7.0	U	1.5	7.0
alpha-BHC		2.1	U	1.6	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		100		20	70
delta-BHC		2.1	U	1.2	2.1
Dieldrin		4.2		1.2	2.1
Endosulfan I		7.0	U	1.6	7.0
Endosulfan II		7.0	U	1.4	7.0
Endosulfan sulfate		7.0	U	1.4	7.0
Endrin		7.0	U	1.7	7.0
Endrin aldehyde		7.0	U	1.0	7.0
Endrin ketone		7.0	U	1.4	7.0
gamma-BHC (Lindane)		2.1	U	1.2	2.1
Heptachlor		7.0	U	1.7	7.0
Heptachlor epoxide		7.0	U	1.6	7.0
Methoxychlor		7.0	U	1.7	7.0
Toxaphene		70	U	19	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		76 - 149
Tetrachloro-m-xylene	119		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0236 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1831			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		76 - 149
Tetrachloro-m-xylene	105		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0121 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1843			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.3	U	1.4	7.3
4,4'-DDE		7.3	U	1.4	7.3
4,4'-DDT		7.3	U	1.8	7.3
Aldrin		7.3	U	1.5	7.3
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.8	2.2
Chlordane (technical)		73	U	21	73
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.3	U	1.6	7.3
Endosulfan II		7.3	U	1.4	7.3
Endosulfan sulfate		7.3	U	1.4	7.3
Endrin		7.3	U	1.8	7.3
Endrin aldehyde		7.3	U	1.1	7.3
Endrin ketone		7.3	U	1.4	7.3
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.3	U	1.8	7.3
Heptachlor epoxide		7.3	U	1.6	7.3
Methoxychlor		7.3	U	1.8	7.3
Toxaphene		73	U	20	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	122		76 - 149
Tetrachloro-m-xylene	113		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0121 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1843			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		76 - 149
Tetrachloro-m-xylene	105		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0242 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1854			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		7.2	U	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.1	U	1.6	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		72	U	20	72
delta-BHC		2.1	U	1.3	2.1
Dieldrin		2.1	U	1.3	2.1
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.1	U	1.3	2.1
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		76 - 149
Tetrachloro-m-xylene	111		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0242 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1854			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	116		76 - 149
Tetrachloro-m-xylene	103		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1906			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		4.7	J	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.1	U	1.6	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		72	U	20	72
delta-BHC		2.1	U	1.3	2.1
Dieldrin		2.1	U	1.3	2.1
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.1	U	1.3	2.1
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		76 - 149
Tetrachloro-m-xylene	109		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1906			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		76 - 149
Tetrachloro-m-xylene	101		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0426 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1917			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		4.6	J	1.5	7.5
4,4'-DDE		7.5	U	1.5	7.5
4,4'-DDT		9.2		1.8	7.5
Aldrin		7.5	U	1.6	7.5
alpha-BHC		2.2	U	1.7	2.2
beta-BHC		2.2	U	1.8	2.2
Chlordane (technical)		75	U	21	75
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.5	U	1.7	7.5
Endosulfan II		7.5	U	1.5	7.5
Endosulfan sulfate		7.5	U	1.5	7.5
Endrin		7.5	U	1.8	7.5
Endrin aldehyde		7.5	U	1.1	7.5
Endrin ketone		7.5	U	1.5	7.5
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.5	U	1.8	7.5
Heptachlor epoxide		7.5	U	1.7	7.5
Methoxychlor		7.5	U	1.8	7.5
Toxaphene		75	U	20	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		76 - 149
Tetrachloro-m-xylene	106		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0426 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1917			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		76 - 149
Tetrachloro-m-xylene	95		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0325 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1929			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.4	U	1.4	7.4
4,4'-DDE		7.4	U	1.4	7.4
4,4'-DDT		2.1	J	1.8	7.4
Aldrin		7.4	U	1.5	7.4
alpha-BHC		2.2	U	1.7	2.2
beta-BHC		2.2	U	1.8	2.2
Chlordane (technical)		74	U	21	74
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.4	U	1.7	7.4
Endosulfan II		7.4	U	1.4	7.4
Endosulfan sulfate		7.4	U	1.4	7.4
Endrin		7.4	U	1.8	7.4
Endrin aldehyde		7.4	U	1.1	7.4
Endrin ketone		7.4	U	1.4	7.4
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.4	U	1.8	7.4
Heptachlor epoxide		7.4	U	1.7	7.4
Methoxychlor		7.4	U	1.8	7.4
Toxaphene		74	U	20	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	126		76 - 149
Tetrachloro-m-xylene	114		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0325 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1929			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		76 - 149
Tetrachloro-m-xylene	103		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0126 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1940			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		7.2	U	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.7	2.2
Chlordane (technical)		72	U	21	72
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		76 - 149
Tetrachloro-m-xylene	106		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0126 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1940			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		76 - 149
Tetrachloro-m-xylene	100		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1952			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.1	U	1.4	7.1
4,4'-DDE		7.1	U	1.4	7.1
4,4'-DDT		7.1	U	1.7	7.1
Aldrin		7.1	U	1.5	7.1
alpha-BHC		2.1	U	1.6	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		71	U	20	71
delta-BHC		2.1	U	1.3	2.1
Dieldrin		2.1	U	1.3	2.1
Endosulfan I		7.1	U	1.6	7.1
Endosulfan II		7.1	U	1.4	7.1
Endosulfan sulfate		7.1	U	1.4	7.1
Endrin		7.1	U	1.7	7.1
Endrin aldehyde		7.1	U	1.1	7.1
Endrin ketone		7.1	U	1.4	7.1
gamma-BHC (Lindane)		2.1	U	1.3	2.1
Heptachlor		7.1	U	1.7	7.1
Heptachlor epoxide		7.1	U	1.6	7.1
Methoxychlor		7.1	U	1.7	7.1
Toxaphene		71	U	19	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	117		76 - 149
Tetrachloro-m-xylene	110		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 1952			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		76 - 149
Tetrachloro-m-xylene	99		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0422 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2003			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.6	U	1.5	7.6
4,4'-DDE		7.6	U	1.5	7.6
4,4'-DDT		7.6	U	1.8	7.6
Aldrin		7.6	U	1.6	7.6
alpha-BHC		2.3	U	1.7	2.3
beta-BHC		2.3	U	1.8	2.3
Chlordane (technical)		76	U	21	76
delta-BHC		2.3	U	1.4	2.3
Dieldrin		2.3	U	1.4	2.3
Endosulfan I		7.6	U	1.7	7.6
Endosulfan II		7.6	U	1.5	7.6
Endosulfan sulfate		7.6	U	1.5	7.6
Endrin		7.6	U	1.8	7.6
Endrin aldehyde		7.6	U	1.1	7.6
Endrin ketone		7.6	U	1.5	7.6
gamma-BHC (Lindane)		2.3	U	1.4	2.3
Heptachlor		7.6	U	1.8	7.6
Heptachlor epoxide		7.6	U	1.7	7.6
Methoxychlor		7.6	U	1.8	7.6
Toxaphene		76	U	20	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		76 - 149
Tetrachloro-m-xylene	109		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0422 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2003			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		76 - 149
Tetrachloro-m-xylene	103		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1137			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		27		1.5	7.7
4,4'-DDE		10		1.5	7.7
4,4'-DDT		6.1	J	1.9	7.7
Aldrin		7.7	U	1.6	7.7
alpha-BHC		2.3	U	1.7	2.3
beta-BHC		2.3	U	1.9	2.3
Chlordane (technical)		77	U	22	77
delta-BHC		2.3	U	1.4	2.3
Dieldrin		2.3	U	1.4	2.3
Endosulfan I		7.7	U	1.7	7.7
Endosulfan II		7.7	U	1.5	7.7
Endosulfan sulfate		7.7	U	1.5	7.7
Endrin		7.7	U	1.9	7.7
Endrin aldehyde		7.7	U	1.2	7.7
Endrin ketone		7.7	U	1.5	7.7
gamma-BHC (Lindane)		2.3	U	1.4	2.3
Heptachlor		7.7	U	1.9	7.7
Heptachlor epoxide		7.7	U	1.7	7.7
Methoxychlor		7.7	U	1.9	7.7
Toxaphene		77	U	21	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133		76 - 149
Tetrachloro-m-xylene	112		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1137			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		76 - 149
Tetrachloro-m-xylene	101		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0436 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2026			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.3	U	1.4	7.3
4,4'-DDE		7.3	U	1.4	7.3
4,4'-DDT		7.3	U	1.7	7.3
Aldrin		7.3	U	1.5	7.3
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.7	2.2
Chlordane (technical)		73	U	21	73
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.3	U	1.6	7.3
Endosulfan II		7.3	U	1.4	7.3
Endosulfan sulfate		7.3	U	1.4	7.3
Endrin		7.3	U	1.7	7.3
Endrin aldehyde		7.3	U	1.1	7.3
Endrin ketone		7.3	U	1.4	7.3
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.3	U	1.7	7.3
Heptachlor epoxide		7.3	U	1.6	7.3
Methoxychlor		7.3	U	1.7	7.3
Toxaphene		73	U	20	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		76 - 149
Tetrachloro-m-xylene	112		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0436 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2026			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	111		76 - 149
Tetrachloro-m-xylene	104		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2049			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		7.2	U	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.7	2.2
Chlordane (technical)		72	U	21	72
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	115		76 - 149
Tetrachloro-m-xylene	114		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2049			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	113		76 - 149
Tetrachloro-m-xylene	102		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0326 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2038			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		3.0	J	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.1	U	1.6	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		72	U	20	72
delta-BHC		2.1	U	1.3	2.1
Dieldrin		2.1	U	1.3	2.1
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.1	U	1.3	2.1
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	139		76 - 149
Tetrachloro-m-xylene	115		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279495	Initial Weight/Volume:	15.0326 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2038			Injection Volume:	1 uL
Prep Date:	02/04/2015 0118			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	93		76 - 149
Tetrachloro-m-xylene	102		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0046 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0316			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		2.1	J	1.4	7.3
4,4'-DDE		3.3	J	1.4	7.3
4,4'-DDT		20		1.8	7.3
Aldrin		7.3	U	1.5	7.3
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.8	2.2
Chlordane (technical)		73	U	21	73
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.3	U	1.6	7.3
Endosulfan II		7.3	U	1.4	7.3
Endosulfan sulfate		7.3	U	1.4	7.3
Endrin		7.3	U	1.8	7.3
Endrin aldehyde		7.3	U	1.1	7.3
Endrin ketone		7.3	U	1.4	7.3
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.3	U	1.8	7.3
Heptachlor epoxide		7.3	U	1.6	7.3
Methoxychlor		7.3	U	1.8	7.3
Toxaphene		73	U	20	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		76 - 149
Tetrachloro-m-xylene	94		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0046 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0316			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		76 - 149
Tetrachloro-m-xylene	84		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0310 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1518			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.3	U	1.4	7.3
4,4'-DDE		7.3	U	1.4	7.3
4,4'-DDT		3.3	J	1.7	7.3
Aldrin		7.3	U	1.5	7.3
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.7	2.2
Chlordane (technical)		73	U	21	73
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.3	U	1.6	7.3
Endosulfan II		7.3	U	1.4	7.3
Endosulfan sulfate		7.3	U	1.4	7.3
Endrin		7.3	U	1.7	7.3
Endrin aldehyde		7.3	U	1.1	7.3
Endrin ketone		7.3	U	1.4	7.3
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.3	U	1.7	7.3
Heptachlor epoxide		7.3	U	1.6	7.3
Methoxychlor		7.3	U	1.7	7.3
Toxaphene		73	U	20	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		76 - 149
Tetrachloro-m-xylene	81		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0310 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1518			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	90		76 - 149
Tetrachloro-m-xylene	77		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0444 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1529			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		6.9	U	1.3	6.9
4,4'-DDE		6.9	U	1.3	6.9
4,4'-DDT		6.9	U	1.7	6.9
Aldrin		6.9	U	1.4	6.9
alpha-BHC		2.1	U	1.5	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		69	U	20	69
delta-BHC		2.1	U	1.2	2.1
Dieldrin		2.1	U	1.2	2.1
Endosulfan I		6.9	U	1.5	6.9
Endosulfan II		6.9	U	1.3	6.9
Endosulfan sulfate		6.9	U	1.3	6.9
Endrin		6.9	U	1.7	6.9
Endrin aldehyde		6.9	U	1.0	6.9
Endrin ketone		6.9	U	1.3	6.9
gamma-BHC (Lindane)		2.1	U	1.2	2.1
Heptachlor		6.9	U	1.7	6.9
Heptachlor epoxide		6.9	U	1.5	6.9
Methoxychlor		6.9	U	1.7	6.9
Toxaphene		69	U	19	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	96		76 - 149
Tetrachloro-m-xylene	93		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0444 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1529			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	92		76 - 149
Tetrachloro-m-xylene	89		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0231 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1541			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.2	U	1.4	7.2
4,4'-DDE		7.2	U	1.4	7.2
4,4'-DDT		5.7	J	1.7	7.2
Aldrin		7.2	U	1.5	7.2
alpha-BHC		2.2	U	1.6	2.2
beta-BHC		2.2	U	1.7	2.2
Chlordane (technical)		72	U	20	72
delta-BHC		2.2	U	1.3	2.2
Dieldrin		2.2	U	1.3	2.2
Endosulfan I		7.2	U	1.6	7.2
Endosulfan II		7.2	U	1.4	7.2
Endosulfan sulfate		7.2	U	1.4	7.2
Endrin		7.2	U	1.7	7.2
Endrin aldehyde		7.2	U	1.1	7.2
Endrin ketone		7.2	U	1.4	7.2
gamma-BHC (Lindane)		2.2	U	1.3	2.2
Heptachlor		7.2	U	1.7	7.2
Heptachlor epoxide		7.2	U	1.6	7.2
Methoxychlor		7.2	U	1.7	7.2
Toxaphene		72	U	19	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	109		76 - 149
Tetrachloro-m-xylene	96		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0231 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1541			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	107		76 - 149
Tetrachloro-m-xylene	92		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1552			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
4,4'-DDD		7.1	U	1.4	7.1
4,4'-DDE		7.1	U	1.4	7.1
4,4'-DDT		7.1	U	1.7	7.1
Aldrin		7.1	U	1.5	7.1
alpha-BHC		2.1	U	1.6	2.1
beta-BHC		2.1	U	1.7	2.1
Chlordane (technical)		71	U	20	71
delta-BHC		2.1	U	1.3	2.1
Dieldrin		2.1	U	1.3	2.1
Endosulfan I		7.1	U	1.6	7.1
Endosulfan II		7.1	U	1.4	7.1
Endosulfan sulfate		7.1	U	1.4	7.1
Endrin		7.1	U	1.7	7.1
Endrin aldehyde		7.1	U	1.1	7.1
Endrin ketone		7.1	U	1.4	7.1
gamma-BHC (Lindane)		2.1	U	1.3	2.1
Heptachlor		7.1	U	1.7	7.1
Heptachlor epoxide		7.1	U	1.6	7.1
Methoxychlor		7.1	U	1.7	7.1
Toxaphene		71	U	19	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		76 - 149
Tetrachloro-m-xylene	99		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-279931	Instrument ID:	CPESTGC9
Prep Method:	3546	Prep Batch:	460-279593	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 1552			Injection Volume:	1 uL
Prep Date:	02/04/2015 1027			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		76 - 149
Tetrachloro-m-xylene	99		72 - 136

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2054			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	17	76
Aroclor 1221		76	U	17	76
Aroclor 1232		76	U	17	76
Aroclor 1242		76	U	17	76
Aroclor 1248		76	U	17	76
Aroclor 1254		76	U	21	76
Aroclor 1260		76	U	21	76
Aroclor-1262		76	U	21	76
Aroclor 1268		76	U	21	76
Polychlorinated biphenyls, Total		76	U	21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	172	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2054			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	129		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2110			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	17	77
Aroclor 1221		77	U	17	77
Aroclor 1232		77	U	17	77
Aroclor 1242		77	U	17	77
Aroclor 1248		77	U	17	77
Aroclor 1254		77	U	22	77
Aroclor 1260		77	U	22	77
Aroclor-1262		77	U	22	77
Aroclor 1268		77	U	22	77
Polychlorinated biphenyls, Total		77	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	165	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2110			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	140		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0424 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2127			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	21	72
Aroclor 1260		72	U	21	72
Aroclor-1262		72	U	21	72
Aroclor 1268		72	U	21	72
Polychlorinated biphenyls, Total		72	U	21	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	170	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0424 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2127			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	127		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0236 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2143			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		70	U	16	70
Aroclor 1221		70	U	16	70
Aroclor 1232		70	U	16	70
Aroclor 1242		70	U	16	70
Aroclor 1248		70	U	16	70
Aroclor 1254		70	U	20	70
Aroclor 1260		70	U	20	70
Aroclor-1262		70	U	20	70
Aroclor 1268		70	U	20	70
Polychlorinated biphenyls, Total		70	U	20	70

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	164	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0236 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2143			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	140		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0121 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2159			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		73	U	16	73
Aroclor 1221		73	U	16	73
Aroclor 1232		73	U	16	73
Aroclor 1242		73	U	16	73
Aroclor 1248		73	U	16	73
Aroclor 1254		73	U	21	73
Aroclor 1260		73	U	21	73
Aroclor-1262		73	U	21	73
Aroclor 1268		73	U	21	73
Polychlorinated biphenyls, Total		73	U	21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	152	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0121 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2159			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	148		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0242 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2215			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	20	72
Aroclor 1260		72	U	20	72
Aroclor-1262		72	U	20	72
Aroclor 1268		72	U	20	72
Polychlorinated biphenyls, Total		72	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	153	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0242 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2215			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	146		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2232			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	20	72
Aroclor 1260		72	U	20	72
Aroclor-1262		72	U	20	72
Aroclor 1268		72	U	20	72
Polychlorinated biphenyls, Total		72	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	162	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2232			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	124		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0426 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2247			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		75	U	17	75
Aroclor 1221		75	U	17	75
Aroclor 1232		75	U	17	75
Aroclor 1242		75	U	17	75
Aroclor 1248		75	U	17	75
Aroclor 1254		75	U	21	75
Aroclor 1260		75	U	21	75
Aroclor-1262		75	U	21	75
Aroclor 1268		75	U	21	75
Polychlorinated biphenyls, Total		75	U	21	75

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	181	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0426 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2247			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	133		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0325 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2303			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		74	U	17	74
Aroclor 1221		74	U	17	74
Aroclor 1232		74	U	17	74
Aroclor 1242		74	U	17	74
Aroclor 1248		74	U	17	74
Aroclor 1254		74	U	21	74
Aroclor 1260		74	U	21	74
Aroclor-1262		74	U	21	74
Aroclor 1268		74	U	21	74
Polychlorinated biphenyls, Total		74	U	21	74

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	165	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0325 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2303			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	130		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0126 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2320			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	21	72
Aroclor 1260		72	U	21	72
Aroclor-1262		72	U	21	72
Aroclor 1268		72	U	21	72
Polychlorinated biphenyls, Total		72	U	21	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	156	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0126 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2320			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	145		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2337			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	16	71
Aroclor 1221		71	U	16	71
Aroclor 1232		71	U	16	71
Aroclor 1242		71	U	16	71
Aroclor 1248		71	U	16	71
Aroclor 1254		71	U	20	71
Aroclor 1260		71	U	20	71
Aroclor-1262		71	U	20	71
Aroclor 1268		71	U	20	71
Polychlorinated biphenyls, Total		71	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	153	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2337			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0422 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2353			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		76	U	17	76
Aroclor 1221		76	U	17	76
Aroclor 1232		76	U	17	76
Aroclor 1242		76	U	17	76
Aroclor 1248		76	U	17	76
Aroclor 1254		76	U	21	76
Aroclor 1260		76	U	21	76
Aroclor-1262		76	U	21	76
Aroclor 1268		76	U	21	76
Polychlorinated biphenyls, Total		76	U	21	76

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0422 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/04/2015 2353			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	121		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0009			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		77	U	17	77
Aroclor 1221		77	U	17	77
Aroclor 1232		77	U	17	77
Aroclor 1242		77	U	17	77
Aroclor 1248		77	U	17	77
Aroclor 1254		77	U	22	77
Aroclor 1260		77	U	22	77
Aroclor-1262		77	U	22	77
Aroclor 1268		77	U	22	77
Polychlorinated biphenyls, Total		77	U	22	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	190	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0322 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0009			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	129		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0436 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0025			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		73	U	16	73
Aroclor 1221		73	U	16	73
Aroclor 1232		73	U	16	73
Aroclor 1242		73	U	16	73
Aroclor 1248		73	U	16	73
Aroclor 1254		73	U	21	73
Aroclor 1260		73	U	21	73
Aroclor-1262		73	U	21	73
Aroclor 1268		73	U	21	73
Polychlorinated biphenyls, Total		73	U	21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	160	*	53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0436 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0025			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	137		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0041			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	21	72
Aroclor 1260		72	U	21	72
Aroclor-1262		72	U	21	72
Aroclor 1268		72	U	21	72
Polychlorinated biphenyls, Total		72	U	21	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	142		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0230 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0041			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	138		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0326 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0058			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	20	72
Aroclor 1260		72	U	20	72
Aroclor-1262		72	U	20	72
Aroclor 1268		72	U	20	72
Polychlorinated biphenyls, Total		72	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	147		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279497	Initial Weight/Volume:	15.0326 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0058			Injection Volume:	1 uL
Prep Date:	02/04/2015 0157			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	118		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0046 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0731			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		73	U	16	73
Aroclor 1221		73	U	16	73
Aroclor 1232		73	U	16	73
Aroclor 1242		73	U	16	73
Aroclor 1248		73	U	16	73
Aroclor 1254		73	U	21	73
Aroclor 1260		73	U	21	73
Aroclor-1262		73	U	21	73
Aroclor 1268		73	U	21	73
Polychlorinated biphenyls, Total		73	U	21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	114		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0046 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0731			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	94		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0310 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0748			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		73	U	16	73
Aroclor 1221		73	U	16	73
Aroclor 1232		73	U	16	73
Aroclor 1242		73	U	16	73
Aroclor 1248		73	U	16	73
Aroclor 1254		73	U	21	73
Aroclor 1260		73	U	21	73
Aroclor-1262		73	U	21	73
Aroclor 1268		73	U	21	73
Polychlorinated biphenyls, Total		73	U	21	73

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0310 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0748			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	88		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0444 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0804			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		69	U	15	69
Aroclor 1221		69	U	15	69
Aroclor 1232		69	U	15	69
Aroclor 1242		69	U	15	69
Aroclor 1248		69	U	15	69
Aroclor 1254		69	U	20	69
Aroclor 1260		69	U	20	69
Aroclor-1262		69	U	20	69
Aroclor 1268		69	U	20	69
Polychlorinated biphenyls, Total		69	U	20	69

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0444 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0804			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0231 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0820			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		72	U	16	72
Aroclor 1221		72	U	16	72
Aroclor 1232		72	U	16	72
Aroclor 1242		72	U	16	72
Aroclor 1248		72	U	16	72
Aroclor 1254		72	U	20	72
Aroclor 1260		72	U	20	72
Aroclor-1262		72	U	20	72
Aroclor 1268		72	U	20	72
Polychlorinated biphenyls, Total		72	U	20	72

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	119		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0231 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0820			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0837			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Aroclor 1016		71	U	16	71
Aroclor 1221		71	U	16	71
Aroclor 1232		71	U	16	71
Aroclor 1242		71	U	16	71
Aroclor 1248		71	U	16	71
Aroclor 1254		71	U	20	71
Aroclor 1260		71	U	20	71
Aroclor-1262		71	U	20	71
Aroclor 1268		71	U	20	71
Polychlorinated biphenyls, Total		71	U	20	71

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	112		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Prep Method:	3546	Prep Batch:	460-279594	Initial Weight/Volume:	15.0323 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	02/05/2015 0837			Injection Volume:	1 uL
Prep Date:	02/04/2015 1029			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	110		53 - 150

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 | Date Sampled: 01/31/2015 1510
Client Matrix: Solid | % Moisture: 11.6 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	02/04/2015 1455			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.2	U	0.42	2.2
Aluminum		8110		24.0	43.5
Arsenic		3.8		0.89	3.3
Barium		220		1.9	43.5
Beryllium		0.35	J	0.30	0.44
Calcium		38900		83.2	1090
Cadmium		0.87	U	0.31	0.87
Cobalt		5.7	J	0.98	10.9
Chromium		15.3		0.87	2.2
Copper		27.9		1.9	5.4
Iron		16300		27.1	32.6
Potassium		1420		30.0	1090
Magnesium		7240		72.2	1090
Manganese		432		0.94	3.3
Sodium		343	J	82.2	1090
Nickel		15.6		1.9	8.7
Lead		339		0.89	2.2
Antimony		4.4	U	1.6	4.4
Selenium		4.4	U	1.2	4.4
Vanadium		23.5		0.90	10.9
Zinc		268		1.9	6.5

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	02/06/2015 1142			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.4	U	2.1	4.4

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	02/03/2015 1106			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.42		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 | Date Sampled: 01/31/2015 1520
Client Matrix: Solid | % Moisture: 12.6 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	02/04/2015 1459			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.2	U	0.42	2.2
Aluminum		7340		23.9	43.2
Arsenic		0.91	J	0.88	3.2
Barium		56.1		1.9	43.2
Beryllium		0.43	U	0.29	0.43
Calcium		47000		82.6	1080
Cadmium		0.86	U	0.31	0.86
Cobalt		6.5	J	0.97	10.8
Chromium		14.0		0.86	2.2
Copper		22.6		1.9	5.4
Iron		10600		26.9	32.4
Potassium		1570		29.8	1080
Magnesium		32100		71.7	1080
Manganese		179		0.93	3.2
Sodium		93.4	J	81.6	1080
Nickel		12.9		1.9	8.6
Lead		45.1		0.89	2.2
Antimony		4.3	U	1.6	4.3
Selenium		4.3	U	1.2	4.3
Vanadium		19.3		0.89	10.8
Zinc		47.8		1.8	6.5

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	02/06/2015 1146			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.3	U	2.1	4.3

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	02/03/2015 1108			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.019	U	0.014	0.019

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 | Date Sampled: 01/31/2015 1540
Client Matrix: Solid | % Moisture: 7.8 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	02/04/2015 1503			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		9340		23.3	42.1
Arsenic		2.9	J	0.86	3.2
Barium		153		1.8	42.1
Beryllium		0.42	U	0.29	0.42
Calcium		32800		80.6	1050
Cadmium		0.84	U	0.30	0.84
Cobalt		6.6	J	0.95	10.5
Chromium		17.7		0.84	2.1
Copper		27.6		1.9	5.3
Iron		14600		26.2	31.6
Potassium		1860		29.1	1050
Magnesium		16000		69.9	1050
Manganese		364		0.91	3.2
Sodium		293	J	79.6	1050
Nickel		17.0		1.9	8.4
Lead		160		0.86	2.1
Antimony		4.2	U	1.6	4.2
Selenium		4.2	U	1.2	4.2
Vanadium		24.4		0.87	10.5
Zinc		145		1.8	6.3

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	02/06/2015 1150			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.2	U	2.1	4.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	02/03/2015 1110			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.16		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 | Date Sampled: 01/31/2015 1550
Client Matrix: Solid | % Moisture: 4.0 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	02/04/2015 1506			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		1.9	U	0.38	1.9
Aluminum		5710		21.5	38.9
Arsenic		2.1	J	0.80	2.9
Barium		312		1.7	38.9
Beryllium		0.39	U	0.26	0.39
Calcium		35800		74.5	974
Cadmium		0.30	J	0.28	0.78
Cobalt		4.3	J	0.88	9.7
Chromium		11.5		0.78	1.9
Copper		38.9		1.7	4.9
Iron		10100		24.2	29.2
Potassium		778	J	26.9	974
Magnesium		5300		64.6	974
Manganese		402		0.84	2.9
Sodium		351	J	73.6	974
Nickel		10.4		1.7	7.8
Lead		521		0.80	1.9
Antimony		3.9	U	1.5	3.9
Selenium		3.9	U	1.1	3.9
Vanadium		12.7		0.81	9.7
Zinc		212		1.7	5.8

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	02/06/2015 1153			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		3.9	U	1.9	3.9

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	02/03/2015 1112			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.34		0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 | Date Sampled: 01/31/2015 1400
Client Matrix: Solid | % Moisture: 8.9 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	02/04/2015 1510			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		6890		23.1	41.8
Arsenic		0.90	J	0.86	3.1
Barium		55.2		1.8	41.8
Beryllium		0.42	U	0.28	0.42
Calcium		2900		79.9	1040
Cadmium		0.84	U	0.30	0.84
Cobalt		7.2	J	0.94	10.4
Chromium		16.8		0.84	2.1
Copper		24.7		1.8	5.2
Iron		11400		26.0	31.3
Potassium		2170		28.8	1040
Magnesium		5080		69.4	1040
Manganese		240		0.90	3.1
Sodium		233	J	79.0	1040
Nickel		19.8		1.9	8.4
Lead		7.8		0.86	2.1
Antimony		4.2	U	1.6	4.2
Selenium		4.2	U	1.2	4.2
Vanadium		22.8		0.86	10.4
Zinc		51.0		1.8	6.3

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	02/06/2015 1157			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.2	U	2.0	4.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	02/03/2015 1118			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.058		0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 | Date Sampled: 01/31/2015 1410
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	20			Initial Weight/Volume:	1.04 g
Analysis Date:	02/04/2015 1725			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		10.3	U	2.0	10.3
Aluminum		7980		114	206
Arsenic		15.4	U	4.2	15.4
Barium		33.5	J	8.9	206
Beryllium		2.1	U	1.4	2.1
Calcium		109000		393	5140
Cadmium		4.1	U	1.5	4.1
Cobalt		5.0	J	4.6	51.4
Chromium		10.7		4.1	10.3
Copper		19.4	J	9.0	25.7
Iron		9530		128	154
Potassium		1340	J	142	5140
Magnesium		74400		341	5140
Manganese		263		4.4	15.4
Sodium		5140	U	389	5140
Nickel		14.4	J	9.2	41.1
Lead		6.2	J	4.2	10.3
Antimony		20.6	U	7.8	20.6
Selenium		20.6	U	5.9	20.6
Thallium		20.6	U	10.1	20.6
Vanadium		19.0	J	4.3	51.4
Zinc		37.4		8.8	30.8

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	02/03/2015 1120			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	U	0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 | Date Sampled: 01/31/2015 1430
Client Matrix: Solid | % Moisture: 6.5 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	02/04/2015 1518			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		6420		23.4	42.4
Arsenic		1.6	J	0.87	3.2
Barium		121		1.8	42.4
Beryllium		0.42	U	0.29	0.42
Calcium		45300		81.0	1060
Cadmium		0.85	U	0.30	0.85
Cobalt		5.0	J	0.96	10.6
Chromium		12.3		0.85	2.1
Copper		22.7		1.9	5.3
Iron		11400		26.4	31.8
Potassium		1420		29.2	1060
Magnesium		21500		70.3	1060
Manganese		235		0.91	3.2
Sodium		216	J	80.1	1060
Nickel		13.0		1.9	8.5
Lead		134		0.87	2.1
Antimony		4.2	U	1.6	4.2
Selenium		4.2	U	1.2	4.2
Vanadium		17.7		0.88	10.6
Zinc		121		1.8	6.4

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	02/06/2015 1201			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.2	U	2.1	4.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	02/03/2015 1122			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.17		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 | Date Sampled: 01/31/2015 1440
Client Matrix: Solid | % Moisture: 10.7 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	02/04/2015 1522			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.2	U	0.42	2.2
Aluminum		8990		23.8	43.1
Arsenic		3.6		0.88	3.2
Barium		202		1.9	43.1
Beryllium		0.33	J	0.29	0.43
Calcium		31900		82.4	1080
Cadmium		0.86	U	0.30	0.86
Cobalt		6.0	J	0.97	10.8
Chromium		16.5		0.86	2.2
Copper		29.1		1.9	5.4
Iron		15300		26.8	32.3
Potassium		1510		29.7	1080
Magnesium		7030		71.5	1080
Manganese		384		0.93	3.2
Sodium		487	J	81.4	1080
Nickel		16.9		1.9	8.6
Lead		387		0.88	2.2
Antimony		4.3	U	1.6	4.3
Selenium		4.3	U	1.2	4.3
Vanadium		25.4		0.89	10.8
Zinc		277		1.8	6.5

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	02/06/2015 1204			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.3	U	2.1	4.3

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	02/03/2015 1123			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.29		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 | Date Sampled: 01/31/2015 1110
Client Matrix: Solid | % Moisture: 9.6 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	02/04/2015 1525			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.2	U	0.42	2.2
Aluminum		7390		24.2	43.8
Arsenic		1.8	J	0.90	3.3
Barium		109		1.9	43.8
Beryllium		0.44	U	0.30	0.44
Calcium		42200		83.8	1100
Cadmium		0.88	U	0.31	0.88
Cobalt		5.4	J	0.99	11.0
Chromium		14.1		0.88	2.2
Copper		26.0		1.9	5.5
Iron		11200		27.3	32.9
Potassium		1760		30.2	1100
Magnesium		18700		72.7	1100
Manganese		301		0.94	3.3
Sodium		274	J	82.8	1100
Nickel		13.8		2.0	8.8
Lead		163		0.90	2.2
Antimony		4.4	U	1.7	4.4
Selenium		4.4	U	1.2	4.4
Vanadium		18.3		0.91	11.0
Zinc		97.2		1.9	6.6

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	02/06/2015 1208			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.4	U	2.1	4.4

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	02/03/2015 1126			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.24		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 | Date Sampled: 01/31/2015 1120
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.06 g
Analysis Date:	02/04/2015 1541			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.0	U	0.40	2.0
Aluminum		6630		22.5	40.8
Arsenic		3.1	U	0.83	3.1
Barium		52.3		1.8	40.8
Beryllium		0.41	U	0.28	0.41
Cadmium		0.39	J	0.29	0.82
Cobalt		5.0	J	0.92	10.2
Chromium		10.2		0.82	2.0
Copper		15.9		1.8	5.1
Iron		9320		25.4	30.6
Potassium		1500		28.1	1020
Manganese		1060		0.88	3.1
Sodium		1020	U	77.0	1020
Nickel		14.9		1.8	8.2
Lead		8.7		0.84	2.0
Antimony		4.1	U	1.5	4.1
Selenium		4.1	U	1.2	4.1
Thallium		4.1	U	2.0	4.1
Vanadium		14.9		0.84	10.2
Zinc		33.5		1.7	6.1

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	10			Initial Weight/Volume:	1.06 g
Analysis Date:	02/04/2015 1729			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Calcium		82200		195	2550
Magnesium		54600		169	2550

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	02/03/2015 1129			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	U	0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 | Date Sampled: 01/31/2015 1330
Client Matrix: Solid | % Moisture: 6.2 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	02/04/2015 1544			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.40	2.1
Aluminum		8710		22.9	41.4
Arsenic		1.1	J	0.85	3.1
Barium		74.0		1.8	41.4
Beryllium		0.41	U	0.28	0.41
Calcium		29500		79.2	1040
Cadmium		0.83	U	0.29	0.83
Cobalt		6.7	J	0.93	10.4
Chromium		22.5		0.83	2.1
Copper		29.3		1.8	5.2
Iron		13500		25.8	31.1
Potassium		1440		28.6	1040
Magnesium		6230		68.7	1040
Manganese		241		0.89	3.1
Sodium		447	J	78.3	1040
Nickel		16.6		1.9	8.3
Lead		14.8		0.85	2.1
Antimony		4.1	U	1.6	4.1
Selenium		4.1	U	1.2	4.1
Thallium		4.1	U	2.0	4.1
Vanadium		29.5		0.86	10.4
Zinc		36.3		1.8	6.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	02/03/2015 1130			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.036		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 | Date Sampled: 01/31/2015 1340
Client Matrix: Solid | % Moisture: 11.8 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	02/04/2015 1548			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		7530		23.4	42.4
Arsenic		3.2	U	0.87	3.2
Barium		67.8		1.8	42.4
Beryllium		0.30	J	0.29	0.42
Calcium		1370		81.1	1060
Cadmium		0.85	U	0.30	0.85
Cobalt		8.0	J	0.96	10.6
Chromium		20.0		0.85	2.1
Copper		28.8		1.9	5.3
Iron		15900		26.4	31.8
Potassium		2650		29.2	1060
Magnesium		4200		70.4	1060
Manganese		231		0.91	3.2
Sodium		153	J	80.1	1060
Nickel		19.9		1.9	8.5
Lead		5.6		0.87	2.1
Antimony		4.2	U	1.6	4.2
Selenium		4.2	U	1.2	4.2
Thallium		4.2	U	2.1	4.2
Vanadium		23.0		0.88	10.6
Zinc		46.9		1.8	6.4

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.64 g
Analysis Date:	02/03/2015 1058			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018	U	0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 | Date Sampled: 01/31/2015 1240
Client Matrix: Solid | % Moisture: 13.7 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	02/05/2015 1327			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.2	U	0.43	2.2
Aluminum		8290		24.4	44.2
Arsenic		5.8		0.90	3.3
Barium		621		1.9	44.2
Beryllium		0.44	U	0.30	0.44
Calcium		43300		84.4	1100
Cadmium		0.64	J	0.31	0.88
Cobalt		4.5	J	1.0	11.0
Chromium		17.2		0.88	2.2
Copper		30.3		1.9	5.5
Iron		13900		27.5	33.1
Potassium		1120		30.5	1100
Magnesium		6120		73.3	1100
Manganese		328		0.95	3.3
Sodium		860	J	83.5	1100
Nickel		14.2		2.0	8.8
Lead		1230		0.91	2.2
Antimony		4.4	U	1.7	4.4
Selenium		4.4	U	1.3	4.4
Thallium		4.4	U	2.2	4.4
Vanadium		26.3		0.91	11.0
Zinc		459		1.9	6.6

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	02/03/2015 1132			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.55		0.013	0.019

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 | Date Sampled: 01/31/2015 1250
Client Matrix: Solid | % Moisture: 8.5 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279664	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	02/04/2015 1425			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		1890		23.5	42.5
Arsenic		3.2	U	0.87	3.2
Barium		7.9	J	1.8	42.5
Beryllium		0.42	U	0.29	0.42
Calcium		18300		81.2	1060
Cadmium		0.85	U	0.30	0.85
Cobalt		2.1	J	0.96	10.6
Chromium		4.0		0.85	2.1
Copper		7.6		1.9	5.3
Iron		3880		26.4	31.8
Potassium		391	J	29.3	1060
Magnesium		11200		70.5	1060
Manganese		106		0.92	3.2
Sodium		1060	U	80.3	1060
Nickel		5.0	J	1.9	8.5
Lead		1.9	J	0.87	2.1
Antimony		4.2	U	1.6	4.2
Selenium		4.2	U	1.2	4.2
Vanadium		5.5	J	0.88	10.6
Zinc		10.7		1.8	6.4

Analysis Method:	6010C	Analysis Batch:	460-280199	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	02/06/2015 1116			Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Thallium		4.2	U	2.1	4.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.65 g
Analysis Date:	02/03/2015 1134			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.017	U	0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 | Date Sampled: 01/31/2015 1300
Client Matrix: Solid | % Moisture: 7.7 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	02/05/2015 1309			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		4640		23.5	42.5
Arsenic		1.2	J	0.87	3.2
Barium		33.8	J	1.8	42.5
Beryllium		0.42	U	0.29	0.42
Calcium		7240		81.2	1060
Cadmium		0.85	U	0.30	0.85
Cobalt		5.5	J	0.96	10.6
Chromium		10.8		0.85	2.1
Copper		22.4		1.9	5.3
Iron		10300		26.4	31.9
Potassium		1630		29.3	1060
Magnesium		6300		70.5	1060
Manganese		140		0.92	3.2
Sodium		149	J	80.3	1060
Nickel		11.8		1.9	8.5
Lead		4.6		0.87	2.1
Antimony		4.2	U	1.6	4.2
Selenium		4.2	U	1.2	4.2
Thallium		4.2	U	2.1	4.2
Vanadium		18.4		0.88	10.6
Zinc		29.1		1.8	6.4

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	02/03/2015 1136			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018	U	0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 | Date Sampled: 01/31/2015 1045
Client Matrix: Solid | % Moisture: 7.1 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.01 g
Analysis Date:	02/05/2015 1350			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.41	2.1
Aluminum		7310		23.5	42.6
Arsenic		3.3		0.87	3.2
Barium		110		1.8	42.6
Beryllium		0.43	U	0.29	0.43
Calcium		21300		81.5	1070
Cadmium		0.85	U	0.30	0.85
Cobalt		5.6	J	0.96	10.7
Chromium		27.6		0.85	2.1
Copper		25.2		1.9	5.3
Iron		14200		26.5	32.0
Potassium		1320		29.4	1070
Magnesium		8710		70.7	1070
Manganese		291		0.92	3.2
Sodium		420	J	80.5	1070
Nickel		15.9		1.9	8.5
Lead		139		0.87	2.1
Antimony		4.3	U	1.6	4.3
Selenium		4.3	U	1.2	4.3
Thallium		4.3	U	2.1	4.3
Vanadium		22.4		0.88	10.7
Zinc		103		1.8	6.4

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	02/03/2015 1142			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.29		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 | Date Sampled: 01/31/2015 1100
Client Matrix: Solid | % Moisture: 8.8 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.02 g
Analysis Date:	02/05/2015 1354			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.42	2.1
Aluminum		7220		23.7	43.0
Arsenic		3.4		0.88	3.2
Barium		126		1.9	43.0
Beryllium		0.43	U	0.29	0.43
Calcium		30800		82.2	1070
Cadmium		0.86	U	0.30	0.86
Cobalt		5.6	J	0.97	10.7
Chromium		15.2		0.86	2.1
Copper		32.4		1.9	5.4
Iron		16100		26.8	32.2
Potassium		1360		29.7	1070
Magnesium		7260		71.3	1070
Manganese		416		0.93	3.2
Sodium		448	J	81.2	1070
Nickel		14.9		1.9	8.6
Lead		155		0.88	2.1
Antimony		4.3	U	1.6	4.3
Selenium		4.3	U	1.2	4.3
Thallium		4.3	U	2.1	4.3
Vanadium		19.8		0.89	10.7
Zinc		105		1.8	6.4

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	02/03/2015 1143			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.25		0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 | Date Sampled: 01/31/2015 1020
Client Matrix: Solid | % Moisture: 8.3 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.07 g
Analysis Date:	02/05/2015 1357			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.0	U	0.40	2.0
Aluminum		8500		22.5	40.8
Arsenic		2.0	J	0.83	3.1
Barium		98.8		1.8	40.8
Beryllium		0.41	U	0.28	0.41
Calcium		28600		77.9	1020
Cadmium		0.82	U	0.29	0.82
Cobalt		7.2	J	0.92	10.2
Chromium		18.1		0.82	2.0
Copper		26.8		1.8	5.1
Iron		13800		25.4	30.6
Potassium		2070		28.1	1020
Magnesium		18000		67.7	1020
Manganese		389		0.88	3.1
Sodium		258	J	77.0	1020
Nickel		16.7		1.8	8.2
Lead		96.6		0.84	2.0
Antimony		4.1	U	1.5	4.1
Selenium		4.1	U	1.2	4.1
Thallium		4.1	U	2.0	4.1
Vanadium		23.8		0.84	10.2
Zinc		99.9		1.7	6.1

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.61 g
Analysis Date:	02/03/2015 1145			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.21		0.013	0.018

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 | Date Sampled: 01/31/2015 1030
Client Matrix: Solid | % Moisture: 3.4 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	02/05/2015 1401			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.0	U	0.39	2.0
Aluminum		6670		22.2	40.2
Arsenic		1.3	J	0.82	3.0
Barium		45.7		1.7	40.2
Beryllium		0.40	U	0.27	0.40
Calcium		2770		76.9	1000
Cadmium		0.80	U	0.28	0.80
Cobalt		6.0	J	0.91	10.0
Chromium		17.2		0.80	2.0
Copper		22.7		1.8	5.0
Iron		10200		25.0	30.1
Potassium		1020		27.7	1000
Magnesium		3630		66.7	1000
Manganese		311		0.87	3.0
Sodium		284	J	76.0	1000
Nickel		15.7		1.8	8.0
Lead		6.6		0.83	2.0
Antimony		4.0	U	1.5	4.0
Selenium		4.0	U	1.1	4.0
Thallium		4.0	U	2.0	4.0
Vanadium		18.2		0.83	10.0
Zinc		28.8		1.7	6.0

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	02/03/2015 1148			Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.018		0.011	0.016

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 | Date Sampled: 01/31/2015 1140
Client Matrix: Solid | % Moisture: 7.4 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.05 g
Analysis Date:	02/05/2015 1405			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.1	U	0.40	2.1
Aluminum		8320		22.7	41.1
Arsenic		2.2	J	0.84	3.1
Barium		101		1.8	41.1
Beryllium		0.41	U	0.28	0.41
Calcium		22500		78.7	1030
Cadmium		0.82	U	0.29	0.82
Cobalt		7.0	J	0.93	10.3
Chromium		17.5		0.82	2.1
Copper		26.9		1.8	5.1
Iron		14800		25.6	30.8
Potassium		2160		28.4	1030
Magnesium		12900		68.3	1030
Manganese		310		0.89	3.1
Sodium		382	J	77.7	1030
Nickel		16.8		1.8	8.2
Lead		102		0.84	2.1
Antimony		4.1	U	1.6	4.1
Selenium		4.1	U	1.2	4.1
Thallium		4.1	U	2.0	4.1
Vanadium		24.5		0.85	10.3
Zinc		105		1.8	6.2

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279898	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279800	Lab File ID:	279800HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	02/05/2015 1023			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0520				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.17		0.012	0.017

Client: FPM Group Limited | Job Number: 460-89956-1

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 | Date Sampled: 01/31/2015 1150
Client Matrix: Solid | % Moisture: 6.0 | Date Received: 02/02/2015 1540

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0			Initial Weight/Volume:	1.04 g
Analysis Date:	02/05/2015 1408			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Silver		2.0	U	0.40	2.0
Aluminum		9320		22.6	40.9
Arsenic		3.1	U	0.84	3.1
Barium		27.8	J	1.8	40.9
Beryllium		0.41	U	0.28	0.41
Cadmium		0.82	U	0.29	0.82
Cobalt		4.4	J	0.92	10.2
Chromium		11.8		0.82	2.0
Copper		13.5		1.8	5.1
Iron		10100		25.5	30.7
Potassium		1360		28.2	1020
Manganese		405		0.88	3.1
Sodium		221	J	77.4	1020
Nickel		14.4		1.8	8.2
Lead		3.9		0.84	2.0
Antimony		4.1	U	1.5	4.1
Selenium		4.1	U	1.2	4.1
Thallium		4.1	U	2.0	4.1
Vanadium		17.6		0.85	10.2
Zinc		21.1		1.7	6.1

Analysis Method:	6010C	Analysis Batch:	460-279947	Instrument ID:	ICP5
Prep Method:	3050B	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	20			Initial Weight/Volume:	1.04 g
Analysis Date:	02/05/2015 1701			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Calcium		124000		391	5120
Magnesium		89300		340	5120

7471B Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analysis Method:	7471B	Analysis Batch:	460-279898	Instrument ID:	LEEMAN5
Prep Method:	7471B	Prep Batch:	460-279800	Lab File ID:	279800HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	0.60 g
Analysis Date:	02/05/2015 1025			Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0520				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.016	J	0.013	0.018

General Chemistry

Client Sample ID: **SB-1(0-2)**

Lab Sample ID: 460-89956-1 Date Sampled: 01/31/2015 1510

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279345		Analysis Date: 02/03/2015 0902				DryWt Corrected: N
Percent Solids	88.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279345		Analysis Date: 02/03/2015 0902				DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-1(11-13)**

Lab Sample ID: 460-89956-2 Date Sampled: 01/31/2015 1520

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279345		Analysis Date: 02/03/2015 0902				DryWt Corrected: N
Percent Solids	87.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279345		Analysis Date: 02/03/2015 0902				DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-5(0-2)**

Lab Sample ID: 460-89956-3 Date Sampled: 01/31/2015 1540
Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	92.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-5(11-13)**

Lab Sample ID: 460-89956-4 Date Sampled: 01/31/2015 1550

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	4.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	96.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-9(0-2)**

Lab Sample ID: 460-89956-5 Date Sampled: 01/31/2015 1400

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	91.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-9(11-13)**

Lab Sample ID: 460-89956-6 Date Sampled: 01/31/2015 1410

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	93.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-2(0-2)**

Lab Sample ID: 460-89956-7 Date Sampled: 01/31/2015 1430

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	93.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-2(11-13)**

Lab Sample ID: 460-89956-8 Date Sampled: 01/31/2015 1440

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	89.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-10(0-2)**

Lab Sample ID: 460-89956-9 Date Sampled: 01/31/2015 1110
Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	90.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-10(11-13)**

Lab Sample ID: 460-89956-10 Date Sampled: 01/31/2015 1120

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	92.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-3(0-2)**

Lab Sample ID: 460-89956-11 Date Sampled: 01/31/2015 1330

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N
Percent Solids	93.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279345	Analysis Date: 02/03/2015 0902						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-3(11-13)**

Lab Sample ID: 460-89956-12 Date Sampled: 01/31/2015 1340

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279345		Analysis Date: 02/03/2015 0902				DryWt Corrected: N
Percent Solids	88.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279345		Analysis Date: 02/03/2015 0902				DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-4(0-2)**

Lab Sample ID: 460-89956-13 Date Sampled: 01/31/2015 1240
Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279354		Analysis Date: 02/03/2015 0927				DryWt Corrected: N
Percent Solids	86.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-279354		Analysis Date: 02/03/2015 0927				DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-4(11-13)**

Lab Sample ID: 460-89956-14 Date Sampled: 01/31/2015 1250

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	91.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-4D(11-13)**

Lab Sample ID: 460-89956-15 Date Sampled: 01/31/2015 1300

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	92.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-7(0-2)**

Lab Sample ID: 460-89956-16 Date Sampled: 01/31/2015 1045

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	92.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-7(11-13)**

Lab Sample ID: 460-89956-17 Date Sampled: 01/31/2015 1100

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	91.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-8(0-2)**

Lab Sample ID: 460-89956-18 Date Sampled: 01/31/2015 1020

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	91.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-8(11-13)**

Lab Sample ID: 460-89956-19 Date Sampled: 01/31/2015 1030

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	3.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	96.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-6(0-2)**

Lab Sample ID: 460-89956-20 Date Sampled: 01/31/2015 1140

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	92.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-6(11-13)**

Lab Sample ID: 460-89956-21 Date Sampled: 01/31/2015 1150

Client Matrix: Solid Date Received: 02/02/2015 1540

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	6.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N
Percent Solids	94.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-279354	Analysis Date: 02/03/2015 0927						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: FPM Group Limited Job Number: 460-89956-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.
	N	This flag indicates the presumptive evidence of a compound.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	ISTD response or retention time outside acceptable limits
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
	*	Surrogate exceeds the control limit
	A	The tentatively identified compound is a suspected aldol-condensation product.
	N	This flag indicates the presumptive evidence of a compound.
GC Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	MS or MSD exceeds the control limits
	*	Surrogate exceeds the control limit
	p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

DATA REPORTING QUALIFIERS

Client: FPM Group Limited Job Number: 460-89956-1

Lab Section	Qualifier	Description
Metals		
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL
	N	Spiked sample recovery is not within control limits.
General Chemistry		
	*	Duplicate analysis not within control limits.

QUALITY CONTROL RESULTS

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-279219					
460-89956-1	SB-1(0-2)	T	Solid	5035	
460-89956-2	SB-1(11-13)	T	Solid	5035	
460-89956-3	SB-5(0-2)	T	Solid	5035	
460-89956-4	SB-5(11-13)	T	Solid	5035	
460-89956-5	SB-9(0-2)	T	Solid	5035	
460-89956-6	SB-9(11-13)	T	Solid	5035	
460-89956-7	SB-2(0-2)	T	Solid	5035	
460-89956-8	SB-2(11-13)	T	Solid	5035	
460-89956-9	SB-10(0-2)	T	Solid	5035	
460-89956-10	SB-10(11-13)	T	Solid	5035	
460-89956-11	SB-3(0-2)	T	Solid	5035	
460-89956-12	SB-3(11-13)	T	Solid	5035	
460-89956-13	SB-4(0-2)	T	Solid	5035	
460-89956-14	SB-4(11-13)	T	Solid	5035	
460-89956-15	SB-4D(11-13)	T	Solid	5035	
460-89956-16	SB-7(0-2)	T	Solid	5035	
460-89956-17	SB-7(11-13)	T	Solid	5035	
460-89956-18	SB-8(0-2)	T	Solid	5035	
460-89956-19	SB-8(11-13)	T	Solid	5035	
460-89956-20	SB-6(0-2)	T	Solid	5035	
460-89956-21	SB-6(11-13)	T	Solid	5035	
Analysis Batch:460-279569					
LCS 460-279569/3	Lab Control Sample	T	Water	8260C	
MB 460-279569/6	Method Blank	T	Water	8260C	
460-89827-A-1 MS	Matrix Spike	T	Water	8260C	
460-89827-A-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-89956-22TB	TB0131	T	Water	8260C	
Analysis Batch:460-279814					
LCS 460-279814/16	Lab Control Sample	T	Solid	8260C	
LCSD 460-279814/17	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-279814/19	Method Blank	T	Solid	8260C	
460-89956-1	SB-1(0-2)	T	Solid	8260C	460-279219
460-89956-2	SB-1(11-13)	T	Solid	8260C	460-279219
460-89956-3	SB-5(0-2)	T	Solid	8260C	460-279219
460-89956-4	SB-5(11-13)	T	Solid	8260C	460-279219
460-89956-5	SB-9(0-2)	T	Solid	8260C	460-279219
460-89956-6	SB-9(11-13)	T	Solid	8260C	460-279219
460-89956-7	SB-2(0-2)	T	Solid	8260C	460-279219
460-89956-8	SB-2(11-13)	T	Solid	8260C	460-279219
460-89956-9	SB-10(0-2)	T	Solid	8260C	460-279219

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-280001					
LCS 460-280001/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-280001/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-280001/7	Method Blank	T	Solid	8260C	
460-89956-11	SB-3(0-2)	T	Solid	8260C	460-279219
460-89956-12	SB-3(11-13)	T	Solid	8260C	460-279219
460-89956-13	SB-4(0-2)	T	Solid	8260C	460-279219
460-89956-14	SB-4(11-13)	T	Solid	8260C	460-279219
460-89956-15	SB-4D(11-13)	T	Solid	8260C	460-279219
460-89956-16	SB-7(0-2)	T	Solid	8260C	460-279219
460-89956-17	SB-7(11-13)	T	Solid	8260C	460-279219
460-89956-18	SB-8(0-2)	T	Solid	8260C	460-279219
460-89956-19	SB-8(11-13)	T	Solid	8260C	460-279219
460-89956-20	SB-6(0-2)	T	Solid	8260C	460-279219
Analysis Batch:460-280031					
LCS 460-280031/11	Lab Control Sample	T	Solid	8260C	
LCSD 460-280031/12	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-280031/14	Method Blank	T	Solid	8260C	
460-89956-10	SB-10(11-13)	T	Solid	8260C	460-279219
Analysis Batch:460-280118					
LCS 460-280118/3	Lab Control Sample	T	Solid	8260C	
LCSD 460-280118/4	Lab Control Sample Duplicate	T	Solid	8260C	
MB 460-280118/7	Method Blank	T	Solid	8260C	
460-89956-21	SB-6(11-13)	T	Solid	8260C	460-279219

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-279405					
LCS 460-279405/2-A	Lab Control Sample	T	Solid	3546	
LCS 460-279405/3-A	Lab Control Sample	T	Solid	3546	
MB 460-279405/1-A	Method Blank	T	Solid	3546	
460-89956-1	SB-1(0-2)	T	Solid	3546	
460-89956-2	SB-1(11-13)	T	Solid	3546	
460-89956-3	SB-5(0-2)	T	Solid	3546	
460-89956-4	SB-5(11-13)	T	Solid	3546	
460-89956-5	SB-9(0-2)	T	Solid	3546	
460-89956-5MS	Matrix Spike	T	Solid	3546	
460-89956-5MSD	Matrix Spike Duplicate	T	Solid	3546	
460-89956-6	SB-9(11-13)	T	Solid	3546	
460-89956-7	SB-2(0-2)	T	Solid	3546	
460-89956-8	SB-2(11-13)	T	Solid	3546	
460-89956-9	SB-10(0-2)	T	Solid	3546	
Analysis Batch:460-279462					
LCS 460-279405/2-A	Lab Control Sample	T	Solid	8270D	460-279405
LCS 460-279405/3-A	Lab Control Sample	T	Solid	8270D	460-279405
MB 460-279405/1-A	Method Blank	T	Solid	8270D	460-279405
460-89956-5	SB-9(0-2)	T	Solid	8270D	460-279405
460-89956-5MS	Matrix Spike	T	Solid	8270D	460-279405
460-89956-5MSD	Matrix Spike Duplicate	T	Solid	8270D	460-279405
Analysis Batch:460-279491					
460-89956-1	SB-1(0-2)	T	Solid	8270D	460-279405
460-89956-2	SB-1(11-13)	T	Solid	8270D	460-279405
460-89956-3	SB-5(0-2)	T	Solid	8270D	460-279405
460-89956-4	SB-5(11-13)	T	Solid	8270D	460-279405
460-89956-6	SB-9(11-13)	T	Solid	8270D	460-279405
460-89956-7	SB-2(0-2)	T	Solid	8270D	460-279405
460-89956-8	SB-2(11-13)	T	Solid	8270D	460-279405
460-89956-9	SB-10(0-2)	T	Solid	8270D	460-279405

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-279647					
LCS 460-279647/2-A	Lab Control Sample	T	Solid	3546	
LCS 460-279647/3-A	Lab Control Sample	T	Solid	3546	
MB 460-279647/1-A	Method Blank	T	Solid	3546	
460-89956-10	SB-10(11-13)	T	Solid	3546	
460-89956-11	SB-3(0-2)	T	Solid	3546	
460-89956-11MS	Matrix Spike	T	Solid	3546	
460-89956-11MSD	Matrix Spike Duplicate	T	Solid	3546	
460-89956-12	SB-3(11-13)	T	Solid	3546	
460-89956-13	SB-4(0-2)	T	Solid	3546	
460-89956-14	SB-4(11-13)	T	Solid	3546	
460-89956-15	SB-4D(11-13)	T	Solid	3546	
460-89956-16	SB-7(0-2)	T	Solid	3546	
460-89956-17	SB-7(11-13)	T	Solid	3546	
460-89956-18	SB-8(0-2)	T	Solid	3546	
460-89956-19	SB-8(11-13)	T	Solid	3546	
460-89956-20	SB-6(0-2)	T	Solid	3546	
460-89956-21	SB-6(11-13)	T	Solid	3546	
Analysis Batch:460-279740					
LCS 460-279647/2-A	Lab Control Sample	T	Solid	8270D	460-279647
LCS 460-279647/3-A	Lab Control Sample	T	Solid	8270D	460-279647
MB 460-279647/1-A	Method Blank	T	Solid	8270D	460-279647
460-89956-10	SB-10(11-13)	T	Solid	8270D	460-279647
460-89956-11	SB-3(0-2)	T	Solid	8270D	460-279647
460-89956-11MS	Matrix Spike	T	Solid	8270D	460-279647
460-89956-11MSD	Matrix Spike Duplicate	T	Solid	8270D	460-279647
460-89956-12	SB-3(11-13)	T	Solid	8270D	460-279647
460-89956-13	SB-4(0-2)	T	Solid	8270D	460-279647
460-89956-14	SB-4(11-13)	T	Solid	8270D	460-279647
460-89956-15	SB-4D(11-13)	T	Solid	8270D	460-279647
460-89956-16	SB-7(0-2)	T	Solid	8270D	460-279647
460-89956-17	SB-7(11-13)	T	Solid	8270D	460-279647
460-89956-18	SB-8(0-2)	T	Solid	8270D	460-279647
460-89956-19	SB-8(11-13)	T	Solid	8270D	460-279647
460-89956-20	SB-6(0-2)	T	Solid	8270D	460-279647
460-89956-21	SB-6(11-13)	T	Solid	8270D	460-279647

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-279495					
LCS 460-279495/2-A	Lab Control Sample	T	Solid	3546	
LCS 460-279495/2-ARA	Lab Control Sample	T	Solid	3546	
MB 460-279495/1-A	Method Blank	T	Solid	3546	
MB 460-279495/1-ARA	Method Blank	T	Solid	3546	
460-89772-A-17-A MS	Matrix Spike	T	Solid	3546	
460-89772-A-17-B MSD	Matrix Spike Duplicate	T	Solid	3546	
460-89956-1	SB-1(0-2)	T	Solid	3546	
460-89956-2	SB-1(11-13)	T	Solid	3546	
460-89956-3	SB-5(0-2)	T	Solid	3546	
460-89956-4	SB-5(11-13)	T	Solid	3546	
460-89956-5	SB-9(0-2)	T	Solid	3546	
460-89956-6	SB-9(11-13)	T	Solid	3546	
460-89956-7	SB-2(0-2)	T	Solid	3546	
460-89956-8	SB-2(11-13)	T	Solid	3546	
460-89956-9	SB-10(0-2)	T	Solid	3546	
460-89956-10	SB-10(11-13)	T	Solid	3546	
460-89956-11	SB-3(0-2)	T	Solid	3546	
460-89956-12	SB-3(11-13)	T	Solid	3546	
460-89956-13	SB-4(0-2)	T	Solid	3546	
460-89956-14	SB-4(11-13)	T	Solid	3546	
460-89956-15	SB-4D(11-13)	T	Solid	3546	
460-89956-16	SB-7(0-2)	T	Solid	3546	
Prep Batch: 460-279497					
LCS 460-279497/2-A	Lab Control Sample	T	Solid	3546	
MB 460-279497/1-A	Method Blank	T	Solid	3546	
460-89956-1	SB-1(0-2)	T	Solid	3546	
460-89956-2	SB-1(11-13)	T	Solid	3546	
460-89956-3	SB-5(0-2)	T	Solid	3546	
460-89956-4	SB-5(11-13)	T	Solid	3546	
460-89956-5	SB-9(0-2)	T	Solid	3546	
460-89956-5MS	Matrix Spike	T	Solid	3546	
460-89956-5MSD	Matrix Spike Duplicate	T	Solid	3546	
460-89956-6	SB-9(11-13)	T	Solid	3546	
460-89956-7	SB-2(0-2)	T	Solid	3546	
460-89956-8	SB-2(11-13)	T	Solid	3546	
460-89956-9	SB-10(0-2)	T	Solid	3546	
460-89956-10	SB-10(11-13)	T	Solid	3546	
460-89956-11	SB-3(0-2)	T	Solid	3546	
460-89956-12	SB-3(11-13)	T	Solid	3546	
460-89956-13	SB-4(0-2)	T	Solid	3546	
460-89956-14	SB-4(11-13)	T	Solid	3546	
460-89956-15	SB-4D(11-13)	T	Solid	3546	
460-89956-16	SB-7(0-2)	T	Solid	3546	

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-279593					
MB 460-279593/1-B	Method Blank	T	Solid	3546	
460-89956-17	SB-7(11-13)	T	Solid	3546	
460-89956-17MS	Matrix Spike	T	Solid	3546	
460-89956-17MSD	Matrix Spike Duplicate	T	Solid	3546	
460-89956-18	SB-8(0-2)	T	Solid	3546	
460-89956-19	SB-8(11-13)	T	Solid	3546	
460-89956-20	SB-6(0-2)	T	Solid	3546	
460-89956-21	SB-6(11-13)	T	Solid	3546	
Prep Batch: 460-279594					
LCS 460-279594/2-A	Lab Control Sample	T	Solid	3546	
MB 460-279594/1-A	Method Blank	T	Solid	3546	
460-89956-17	SB-7(11-13)	T	Solid	3546	
460-89956-18	SB-8(0-2)	T	Solid	3546	
460-89956-19	SB-8(11-13)	T	Solid	3546	
460-89956-19MS	Matrix Spike	T	Solid	3546	
460-89956-19MSD	Matrix Spike Duplicate	T	Solid	3546	
460-89956-20	SB-6(0-2)	T	Solid	3546	
460-89956-21	SB-6(11-13)	T	Solid	3546	
Analysis Batch:460-279667					
LCS 460-279497/2-A	Lab Control Sample	T	Solid	8082A	460-279497
MB 460-279497/1-A	Method Blank	T	Solid	8082A	460-279497
460-89956-1	SB-1(0-2)	T	Solid	8082A	460-279497
460-89956-2	SB-1(11-13)	T	Solid	8082A	460-279497
460-89956-3	SB-5(0-2)	T	Solid	8082A	460-279497
460-89956-4	SB-5(11-13)	T	Solid	8082A	460-279497
460-89956-5	SB-9(0-2)	T	Solid	8082A	460-279497
460-89956-5MS	Matrix Spike	T	Solid	8082A	460-279497
460-89956-5MSD	Matrix Spike Duplicate	T	Solid	8082A	460-279497
460-89956-6	SB-9(11-13)	T	Solid	8082A	460-279497
460-89956-7	SB-2(0-2)	T	Solid	8082A	460-279497
460-89956-8	SB-2(11-13)	T	Solid	8082A	460-279497
460-89956-9	SB-10(0-2)	T	Solid	8082A	460-279497
460-89956-10	SB-10(11-13)	T	Solid	8082A	460-279497
460-89956-11	SB-3(0-2)	T	Solid	8082A	460-279497
460-89956-12	SB-3(11-13)	T	Solid	8082A	460-279497
460-89956-13	SB-4(0-2)	T	Solid	8082A	460-279497
460-89956-14	SB-4(11-13)	T	Solid	8082A	460-279497
460-89956-15	SB-4D(11-13)	T	Solid	8082A	460-279497
460-89956-16	SB-7(0-2)	T	Solid	8082A	460-279497

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-279670					
LCS 460-279495/2-A	Lab Control Sample	T	Solid	8081B	460-279495
MB 460-279495/1-A	Method Blank	T	Solid	8081B	460-279495
460-89772-A-17-A MS	Matrix Spike	T	Solid	8081B	460-279495
460-89772-A-17-B MSD	Matrix Spike Duplicate	T	Solid	8081B	460-279495
460-89956-1	SB-1(0-2)	T	Solid	8081B	460-279495
460-89956-2	SB-1(11-13)	T	Solid	8081B	460-279495
460-89956-3	SB-5(0-2)	T	Solid	8081B	460-279495
460-89956-4	SB-5(11-13)	T	Solid	8081B	460-279495
460-89956-5	SB-9(0-2)	T	Solid	8081B	460-279495
460-89956-6	SB-9(11-13)	T	Solid	8081B	460-279495
460-89956-7	SB-2(0-2)	T	Solid	8081B	460-279495
460-89956-8	SB-2(11-13)	T	Solid	8081B	460-279495
460-89956-9	SB-10(0-2)	T	Solid	8081B	460-279495
460-89956-10	SB-10(11-13)	T	Solid	8081B	460-279495
460-89956-11	SB-3(0-2)	T	Solid	8081B	460-279495
460-89956-12	SB-3(11-13)	T	Solid	8081B	460-279495
460-89956-14	SB-4(11-13)	T	Solid	8081B	460-279495
460-89956-15	SB-4D(11-13)	T	Solid	8081B	460-279495
460-89956-16	SB-7(0-2)	T	Solid	8081B	460-279495
Analysis Batch:460-279728					
MB 460-279593/1-B	Method Blank	T	Solid	8081B	460-279593
460-89956-17	SB-7(11-13)	T	Solid	8081B	460-279593
460-89956-17MS	Matrix Spike	T	Solid	8081B	460-279593
460-89956-17MSD	Matrix Spike Duplicate	T	Solid	8081B	460-279593
Analysis Batch:460-279780					
LCS 460-279594/2-A	Lab Control Sample	T	Solid	8082A	460-279594
MB 460-279594/1-A	Method Blank	T	Solid	8082A	460-279594
460-89956-17	SB-7(11-13)	T	Solid	8082A	460-279594
460-89956-18	SB-8(0-2)	T	Solid	8082A	460-279594
460-89956-19	SB-8(11-13)	T	Solid	8082A	460-279594
460-89956-19MS	Matrix Spike	T	Solid	8082A	460-279594
460-89956-19MSD	Matrix Spike Duplicate	T	Solid	8082A	460-279594
460-89956-20	SB-6(0-2)	T	Solid	8082A	460-279594
460-89956-21	SB-6(11-13)	T	Solid	8082A	460-279594
Analysis Batch:460-279868					
LCS 460-279495/2-ARA	Lab Control Sample	T	Solid	8081B	460-279495
MB 460-279495/1-ARA	Method Blank	T	Solid	8081B	460-279495
460-89956-13	SB-4(0-2)	T	Solid	8081B	460-279495

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-279931					
460-89956-18	SB-8(0-2)	T	Solid	8081B	460-279593
460-89956-19	SB-8(11-13)	T	Solid	8081B	460-279593
460-89956-20	SB-6(0-2)	T	Solid	8081B	460-279593
460-89956-21	SB-6(11-13)	T	Solid	8081B	460-279593

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-279282					
LCSSRM 460-279282/11-A ^20	LCS-Certified Reference Material	T	Solid	7471B	
MB 460-279282/10-A	Method Blank	T	Solid	7471B	
460-89956-1	SB-1(0-2)	T	Solid	7471B	
460-89956-2	SB-1(11-13)	T	Solid	7471B	
460-89956-3	SB-5(0-2)	T	Solid	7471B	
460-89956-4	SB-5(11-13)	T	Solid	7471B	
460-89956-5	SB-9(0-2)	T	Solid	7471B	
460-89956-6	SB-9(11-13)	T	Solid	7471B	
460-89956-7	SB-2(0-2)	T	Solid	7471B	
460-89956-8	SB-2(11-13)	T	Solid	7471B	
460-89956-9	SB-10(0-2)	T	Solid	7471B	
460-89956-10	SB-10(11-13)	T	Solid	7471B	
460-89956-11	SB-3(0-2)	T	Solid	7471B	
460-89956-12	SB-3(11-13)	T	Solid	7471B	
460-89956-12DU	Duplicate	T	Solid	7471B	
460-89956-12MS	Matrix Spike	T	Solid	7471B	
460-89956-13	SB-4(0-2)	T	Solid	7471B	
460-89956-14	SB-4(11-13)	T	Solid	7471B	
460-89956-15	SB-4D(11-13)	T	Solid	7471B	
460-89956-16	SB-7(0-2)	T	Solid	7471B	
460-89956-17	SB-7(11-13)	T	Solid	7471B	
460-89956-18	SB-8(0-2)	T	Solid	7471B	
460-89956-19	SB-8(11-13)	T	Solid	7471B	

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-279383					
LCSSRM 460-279282/11-A ^20	LCS-Certified Reference Material	T	Solid	7471B	460-279282
MB 460-279282/10-A	Method Blank	T	Solid	7471B	460-279282
460-89956-1	SB-1(0-2)	T	Solid	7471B	460-279282
460-89956-2	SB-1(11-13)	T	Solid	7471B	460-279282
460-89956-3	SB-5(0-2)	T	Solid	7471B	460-279282
460-89956-4	SB-5(11-13)	T	Solid	7471B	460-279282
460-89956-5	SB-9(0-2)	T	Solid	7471B	460-279282
460-89956-6	SB-9(11-13)	T	Solid	7471B	460-279282
460-89956-7	SB-2(0-2)	T	Solid	7471B	460-279282
460-89956-8	SB-2(11-13)	T	Solid	7471B	460-279282
460-89956-9	SB-10(0-2)	T	Solid	7471B	460-279282
460-89956-10	SB-10(11-13)	T	Solid	7471B	460-279282
460-89956-11	SB-3(0-2)	T	Solid	7471B	460-279282
460-89956-12	SB-3(11-13)	T	Solid	7471B	460-279282
460-89956-12DU	Duplicate	T	Solid	7471B	460-279282
460-89956-12MS	Matrix Spike	T	Solid	7471B	460-279282
460-89956-13	SB-4(0-2)	T	Solid	7471B	460-279282
460-89956-14	SB-4(11-13)	T	Solid	7471B	460-279282
460-89956-15	SB-4D(11-13)	T	Solid	7471B	460-279282
460-89956-16	SB-7(0-2)	T	Solid	7471B	460-279282
460-89956-17	SB-7(11-13)	T	Solid	7471B	460-279282
460-89956-18	SB-8(0-2)	T	Solid	7471B	460-279282
460-89956-19	SB-8(11-13)	T	Solid	7471B	460-279282
Prep Batch: 460-279529					
LCSSRM 460-279529/2-A	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-279529/1-A ^2	Method Blank	T	Solid	3050B	
460-89956-1	SB-1(0-2)	T	Solid	3050B	
460-89956-2	SB-1(11-13)	T	Solid	3050B	
460-89956-3	SB-5(0-2)	T	Solid	3050B	
460-89956-4	SB-5(11-13)	T	Solid	3050B	
460-89956-5	SB-9(0-2)	T	Solid	3050B	
460-89956-6	SB-9(11-13)	T	Solid	3050B	
460-89956-7	SB-2(0-2)	T	Solid	3050B	
460-89956-8	SB-2(11-13)	T	Solid	3050B	
460-89956-9	SB-10(0-2)	T	Solid	3050B	
460-89956-10	SB-10(11-13)	T	Solid	3050B	
460-89956-11	SB-3(0-2)	T	Solid	3050B	
460-89956-12	SB-3(11-13)	T	Solid	3050B	
460-89956-14	SB-4(11-13)	T	Solid	3050B	
460-89956-14DU	Duplicate	T	Solid	3050B	
460-89956-14MS	Matrix Spike	T	Solid	3050B	

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-279664					
LCSSRM 460-279529/2-A	LCS-Certified Reference Material	T	Solid	6010C	460-279529
MB 460-279529/1-A ^2	Method Blank	T	Solid	6010C	460-279529
460-89956-1	SB-1(0-2)	T	Solid	6010C	460-279529
460-89956-2	SB-1(11-13)	T	Solid	6010C	460-279529
460-89956-3	SB-5(0-2)	T	Solid	6010C	460-279529
460-89956-4	SB-5(11-13)	T	Solid	6010C	460-279529
460-89956-5	SB-9(0-2)	T	Solid	6010C	460-279529
460-89956-6	SB-9(11-13)	T	Solid	6010C	460-279529
460-89956-7	SB-2(0-2)	T	Solid	6010C	460-279529
460-89956-8	SB-2(11-13)	T	Solid	6010C	460-279529
460-89956-9	SB-10(0-2)	T	Solid	6010C	460-279529
460-89956-10	SB-10(11-13)	T	Solid	6010C	460-279529
460-89956-11	SB-3(0-2)	T	Solid	6010C	460-279529
460-89956-12	SB-3(11-13)	T	Solid	6010C	460-279529
460-89956-14	SB-4(11-13)	T	Solid	6010C	460-279529
460-89956-14DU	Duplicate	T	Solid	6010C	460-279529
460-89956-14MS	Matrix Spike	T	Solid	6010C	460-279529
Prep Batch: 460-279787					
LCSSRM 460-279787/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-279787/1-A ^2	Method Blank	T	Solid	3050B	
460-89956-13	SB-4(0-2)	T	Solid	3050B	
460-89956-15	SB-4D(11-13)	T	Solid	3050B	
460-89956-15DU	Duplicate	T	Solid	3050B	
460-89956-15MS	Matrix Spike	T	Solid	3050B	
460-89956-16	SB-7(0-2)	T	Solid	3050B	
460-89956-17	SB-7(11-13)	T	Solid	3050B	
460-89956-18	SB-8(0-2)	T	Solid	3050B	
460-89956-19	SB-8(11-13)	T	Solid	3050B	
460-89956-20	SB-6(0-2)	T	Solid	3050B	
460-89956-21	SB-6(11-13)	T	Solid	3050B	
Prep Batch: 460-279800					
LCSSRM 460-279800/11-A	LCS-Certified Reference Material	T	Solid	7471B	
MB 460-279800/10-A	Method Blank	T	Solid	7471B	
460-89767-E-3-D DU	Duplicate	T	Solid	7471B	
460-89767-E-3-E MS	Matrix Spike	T	Solid	7471B	
460-89956-20	SB-6(0-2)	T	Solid	7471B	
460-89956-21	SB-6(11-13)	T	Solid	7471B	

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-279898					
LCSSRM 460-279800/11-A	LCS-Certified Reference Material	T	Solid	7471B	460-279800
MB 460-279800/10-A	Method Blank	T	Solid	7471B	460-279800
460-89767-E-3-D DU	Duplicate	T	Solid	7471B	460-279800
460-89767-E-3-E MS	Matrix Spike	T	Solid	7471B	460-279800
460-89956-20	SB-6(0-2)	T	Solid	7471B	460-279800
460-89956-21	SB-6(11-13)	T	Solid	7471B	460-279800
Analysis Batch:460-279947					
LCSSRM 460-279787/2-A ^4	LCS-Certified Reference Material	T	Solid	6010C	460-279787
MB 460-279787/1-A ^2	Method Blank	T	Solid	6010C	460-279787
460-89956-13	SB-4(0-2)	T	Solid	6010C	460-279787
460-89956-15	SB-4D(11-13)	T	Solid	6010C	460-279787
460-89956-15DU	Duplicate	T	Solid	6010C	460-279787
460-89956-15MS	Matrix Spike	T	Solid	6010C	460-279787
460-89956-16	SB-7(0-2)	T	Solid	6010C	460-279787
460-89956-17	SB-7(11-13)	T	Solid	6010C	460-279787
460-89956-18	SB-8(0-2)	T	Solid	6010C	460-279787
460-89956-19	SB-8(11-13)	T	Solid	6010C	460-279787
460-89956-20	SB-6(0-2)	T	Solid	6010C	460-279787
460-89956-21	SB-6(11-13)	T	Solid	6010C	460-279787
Analysis Batch:460-280199					
LCSSRM 460-279529/2-A	LCS-Certified Reference Material	T	Solid	6010C	460-279529
MB 460-279529/1-A ^2	Method Blank	T	Solid	6010C	460-279529
460-89956-1	SB-1(0-2)	T	Solid	6010C	460-279529
460-89956-2	SB-1(11-13)	T	Solid	6010C	460-279529
460-89956-3	SB-5(0-2)	T	Solid	6010C	460-279529
460-89956-4	SB-5(11-13)	T	Solid	6010C	460-279529
460-89956-5	SB-9(0-2)	T	Solid	6010C	460-279529
460-89956-7	SB-2(0-2)	T	Solid	6010C	460-279529
460-89956-8	SB-2(11-13)	T	Solid	6010C	460-279529
460-89956-9	SB-10(0-2)	T	Solid	6010C	460-279529
460-89956-14	SB-4(11-13)	T	Solid	6010C	460-279529
460-89956-14DU	Duplicate	T	Solid	6010C	460-279529
460-89956-14MS	Matrix Spike	T	Solid	6010C	460-279529

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-89956-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-279345					
460-89956-1	SB-1(0-2)	T	Solid	Moisture	
460-89956-2	SB-1(11-13)	T	Solid	Moisture	
460-89956-3	SB-5(0-2)	T	Solid	Moisture	
460-89956-4	SB-5(11-13)	T	Solid	Moisture	
460-89956-5	SB-9(0-2)	T	Solid	Moisture	
460-89956-6	SB-9(11-13)	T	Solid	Moisture	
460-89956-7	SB-2(0-2)	T	Solid	Moisture	
460-89956-8	SB-2(11-13)	T	Solid	Moisture	
460-89956-9	SB-10(0-2)	T	Solid	Moisture	
460-89956-10	SB-10(11-13)	T	Solid	Moisture	
460-89956-11	SB-3(0-2)	T	Solid	Moisture	
460-89956-12	SB-3(11-13)	T	Solid	Moisture	
460-89956-12DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-279354					
460-89956-13	SB-4(0-2)	T	Solid	Moisture	
460-89956-14	SB-4(11-13)	T	Solid	Moisture	
460-89956-15	SB-4D(11-13)	T	Solid	Moisture	
460-89956-16	SB-7(0-2)	T	Solid	Moisture	
460-89956-17	SB-7(11-13)	T	Solid	Moisture	
460-89956-18	SB-8(0-2)	T	Solid	Moisture	
460-89956-19	SB-8(11-13)	T	Solid	Moisture	
460-89956-20	SB-6(0-2)	T	Solid	Moisture	
460-89956-21	SB-6(11-13)	T	Solid	Moisture	
460-89962-D-17 DU	Duplicate	T	Solid	Moisture	

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	TOL %Rec	DBFM %Rec
MB 460-279814/19		105	110	99	104
MB 460-280001/7		88	100	96	90
MB 460-280031/14		109	122	105	113
MB 460-280118/7		97	111	106	101
LCS 460-279814/16		113	110	112	103
LCS 460-280001/3		83	97	90	90
LCS 460-280031/11		94	100	93	95
LCS 460-280118/3		98	112	103	102
LCSD 460-279814/17		105	102	107	106
LCSD 460-280001/4		88	104	97	97
LCSD 460-280031/12		91	95	92	93
LCSD 460-280118/4		92	107	97	95

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
TOL = Toluene-d8 (Surr)	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-89956-1	SB-1(0-2)	85	94	102	96
460-89956-2	SB-1(11-13)	109	105	114	111
460-89956-3	SB-5(0-2)	99	110	109	103
460-89956-4	SB-5(11-13)	103	113	117	104
460-89956-5	SB-9(0-2)	106	111	107	105
460-89956-6	SB-9(11-13)	107	111	111	108
460-89956-7	SB-2(0-2)	106	114	116	110
460-89956-8	SB-2(11-13)	114	119	122	121
460-89956-9	SB-10(0-2)	104	106	113	102
460-89956-10	SB-10(11-13)	99	92	103	100
460-89956-11	SB-3(0-2)	80	86	94	83
460-89956-12	SB-3(11-13)	83	93	101	88
460-89956-13	SB-4(0-2)	81	90	104	89
460-89956-14	SB-4(11-13)	82	90	98	88
460-89956-15	SB-4D(11-13)	88	92	104	93
460-89956-16	SB-7(0-2)	88	90	100	89
460-89956-17	SB-7(11-13)	97	107	116	86
460-89956-18	SB-8(0-2)	94	101	118	59*
460-89956-19	SB-8(11-13)	78	82	93	81
460-89956-20	SB-6(0-2)	91	101	107	97
460-89956-21	SB-6(11-13)	36*	40*	44*	41*

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
460-89956-22	TB0131	88	115	99	96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135
DBFM = Dibromofluoromethane (Surr)	72-137
TOL = Toluene-d8 (Surr)	70-130

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	TOL %Rec	DBFM %Rec
MB 460-279569/6		85	109	91	91
LCS 460-279569/3		73	91	78	78
460-89827-A-1 MS		93	117	101	100
460-89827-A-1 MSD		85	108	91	91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135
TOL = Toluene-d8 (Surr)	70-130
DBFM = Dibromofluoromethane (Surr)	72-137

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
460-89956-1	SB-1(0-2)	61	63	49	57	47	49
460-89956-2	SB-1(11-13)	49	68	52	63	53	78
460-89956-3	SB-5(0-2)	66	70	53	65	50	60
460-89956-4	SB-5(11-13)	64	67	53	63	49	65
460-89956-5	SB-9(0-2)	63	61	52	62	57	76
460-89956-6	SB-9(11-13)	59	57	49	54	47	63
460-89956-7	SB-2(0-2)	60	67	50	61	46	60
460-89956-8	SB-2(11-13)	59	68	50	61	48	60
460-89956-9	SB-10(0-2)	57	68	49	60	46	61
460-89956-10	SB-10(11-13)	72	78	57	71	59	79
460-89956-11	SB-3(0-2)	10	59	27*	54	39*	49
460-89956-12	SB-3(11-13)	56	64	55	62	56	74
460-89956-13	SB-4(0-2)	46	67	49	59	49	61
460-89956-14	SB-4(11-13)	54	65	52	60	54	74
460-89956-15	SB-4D(11-13)	48	61	49	56	50	69
460-89956-16	SB-7(0-2)	49	66	50	58	49	59
460-89956-17	SB-7(11-13)	41	76	49	66	51	72
460-89956-18	SB-8(0-2)	58	72	52	63	53	74
460-89956-19	SB-8(11-13)	58	74	57	69	60	85
460-89956-20	SB-6(0-2)	49	68	48	59	47	70
460-89956-21	SB-6(11-13)	46	66	48	60	50	73
MB 460-279405/1-A		97	77	73	82	77	93
MB 460-279647/1-A		79	91	77	84	78	110
LCS 460-279405/2-A		95	79	69	78	71	91
LCS 460-279405/3-A		94	78	71	77	72	91
LCS 460-279647/2-A		91	97	75	86	75	99
LCS 460-279647/3-A		75	92	74	84	72	108
460-89956-5 MS	SB-9(0-2) MS	77	69	58	68	62	79
460-89956-11 MS	SB-3(0-2) MS	26	67	42	61	50	59

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol (Surr)	10-120
FBP = 2-Fluorobiphenyl	40-109
2FP = 2-Fluorophenol (Surr)	37-125
NBZ = Nitrobenzene-d5 (Surr)	38-105
PHL = Phenol-d5 (Surr)	41-118
TPH = Terphenyl-d14 (Surr)	16-151

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
460-89956-5 MSD	SB-9(0-2) MSD	80	70	58	68	63	81
460-89956-11 MSD	SB-3(0-2) MSD	21	66	37	59	47	52

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol (Surr)	10-120
FBP = 2-Fluorobiphenyl	40-109
2FP = 2-Fluorophenol (Surr)	37-125
NBZ = Nitrobenzene-d5 (Surr)	38-105
PHL = Phenol-d5 (Surr)	41-118
TPH = Terphenyl-d14 (Surr)	16-151

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
460-89956-1	SB-1(0-2)	112	106	93	98
460-89956-2	SB-1(11-13)	116	124	97	106
460-89956-3	SB-5(0-2)	124	112	97	108
460-89956-4	SB-5(11-13)	116	115	105	119
460-89956-5	SB-9(0-2)	121	122	105	113
460-89956-6	SB-9(11-13)	118	116	103	111
460-89956-7	SB-2(0-2)	109	113	101	109
460-89956-8	SB-2(11-13)	103	113	95	106
460-89956-9	SB-10(0-2)	112	126	103	114
460-89956-10	SB-10(11-13)	108	108	100	106
460-89956-11	SB-3(0-2)	104	117	99	110
460-89956-12	SB-3(11-13)	114	109	103	109
460-89956-13	SB-4(0-2)	113	133	101	112
460-89956-14	SB-4(11-13)	113	111	104	112
460-89956-15	SB-4D(11-13)	113	115	102	114
460-89956-16	SB-7(0-2)	93	139	102	115
460-89956-17	SB-7(11-13)	85	90	84	94
460-89956-18	SB-8(0-2)	94	90	77	81
460-89956-19	SB-8(11-13)	92	96	89	93
460-89956-20	SB-6(0-2)	109	107	92	96
460-89956-21	SB-6(11-13)	102	103	99	99
MB 460-279495/1-A		133	120	108	108
MB 460-279495/1-A RA		127	132	106	123
MB 460-279593/1-B		142	144	117	124
LCS 460-279495/2-A		137	127	120	119
LCS 460-279495/2-A RA		134	127	123	121
460-89956-17 MS	SB-7(11-13) MS	84	94	89	97
460-89772-A-17-A MS		117	114	100	104

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	76-149
TCX = Tetrachloro-m-xylene	72-136

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
460-89956-17 MSD	SB-7(11-13) MSD	92	104	98	107
460-89772-A-17-B MSD		120	118	109	112

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	76-149
TCX = Tetrachloro-m-xylene	72-136

Client: FPM Group Limited

Job Number: 460-89956-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-89956-1	SB-1(0-2)	129	172*
460-89956-2	SB-1(11-13)	140	165*
460-89956-3	SB-5(0-2)	127	170*
460-89956-4	SB-5(11-13)	140	164*
460-89956-5	SB-9(0-2)	148	152*
460-89956-6	SB-9(11-13)	146	153*
460-89956-7	SB-2(0-2)	124	162*
460-89956-8	SB-2(11-13)	133	181*
460-89956-9	SB-10(0-2)	130	165*
460-89956-10	SB-10(11-13)	145	156*
460-89956-11	SB-3(0-2)	119	153*
460-89956-12	SB-3(11-13)	121	142
460-89956-13	SB-4(0-2)	129	190*
460-89956-14	SB-4(11-13)	137	160*
460-89956-15	SB-4D(11-13)	138	142
460-89956-16	SB-7(0-2)	118	147
460-89956-17	SB-7(11-13)	94	114
460-89956-18	SB-8(0-2)	88	104
460-89956-19	SB-8(11-13)	104	108
460-89956-20	SB-6(0-2)	97	119
460-89956-21	SB-6(11-13)	110	112
MB 460-279497/1-A		137	140
MB 460-279594/1-A		133	133
LCS 460-279497/2-A		135	138
LCS 460-279594/2-A		117	118
460-89956-5 MS	SB-9(0-2) MS	137	140
460-89956-19 MS	SB-8(11-13) MS	113	113
460-89956-5 MSD	SB-9(0-2) MSD	142	145
460-89956-19 MSD	SB-8(11-13) MSD	119	119

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	53-150

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279569

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-279569/6	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95461.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1136	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1136				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	1.0	U	0.090	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
2-Butanone (MEK)	5.0	U	2.3	5.0
1,1,1-Trichloroethane	1.0	U	0.060	1.0
Acetone	5.0	U	2.7	5.0
1,2-Dichloropropane	1.0	U	0.090	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
Benzene	1.0	U	0.080	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Bromoform	1.0	U	0.19	1.0
Chloroethane	1.0	U	0.17	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Chloroform	1.0	U	0.080	1.0
2-Hexanone	5.0	U	0.50	5.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Chlorobenzene	1.0	U	0.11	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Ethylbenzene	1.0	U	0.10	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Cyclohexane	1.0	U	0.16	1.0
Methylene Chloride	1.0	U	0.18	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
o-Xylene	1.0	U	0.13	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Toluene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,4-Dioxane	50	U	36	50
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.090	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279569

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-279569/6	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95461.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1136	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1136				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	1.0	U	0.080	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
Methyl acetate	5.0	U	0.34	5.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
Methylcyclohexane	1.0	U	0.14	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85	70 - 130
4-Bromofluorobenzene	109	64 - 135
Toluene-d8 (Surr)	91	70 - 130
Dibromofluoromethane (Surr)	91	72 - 137

Method Blank TICs- Batch: 460-279569

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279569

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-279569/3	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95458.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1000	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1000				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1-Dichloroethene	20.0	22.6	113	71 - 123	
1,1-Dichloroethane	20.0	22.1	110	75 - 126	
2-Butanone (MEK)	100	89.1	89	52 - 140	
1,1,1-Trichloroethane	20.0	22.0	110	73 - 134	
Acetone	100	112	112	26 - 150	
1,2-Dichloropropane	20.0	20.8	104	70 - 120	
Bromomethane	20.0	16.3	81	27 - 150	
Carbon disulfide	20.0	22.0	110	61 - 126	
Carbon tetrachloride	20.0	21.8	109	58 - 150	
1,1,2-Trichloroethane	20.0	20.4	102	68 - 121	
Benzene	20.0	20.1	101	69 - 125	
Chlorodibromomethane	20.0	20.3	101	63 - 131	
Bromoform	20.0	19.9	99	50 - 134	
Chloroethane	20.0	19.0	95	58 - 145	
4-Methyl-2-pentanone (MIBK)	100	98.2	98	56 - 132	
Chloroform	20.0	21.5	107	81 - 122	
2-Hexanone	100	97.0	97	49 - 131	
Chloromethane	20.0	18.4	92	43 - 145	
cis-1,2-Dichloroethene	20.0	21.1	105	78 - 121	
1,1,2,2-Tetrachloroethane	20.0	19.2	96	55 - 133	
cis-1,3-Dichloropropene	20.0	20.5	103	71 - 120	
Chlorobenzene	20.0	20.3	102	77 - 120	
Dichlorobromomethane	20.0	21.1	106	72 - 123	
Ethylbenzene	20.0	21.6	108	74 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	26.5	132	60 - 144	
Methyl tert-butyl ether	20.0	20.9	105	73 - 125	
Cyclohexane	20.0	20.5	103	62 - 135	
Methylene Chloride	20.0	20.4	102	76 - 123	
Ethylene Dibromide	20.0	20.6	103	77 - 117	
m-Xylene & p-Xylene	20.0	22.2	111	78 - 119	
1,3-Dichlorobenzene	20.0	21.0	105	75 - 120	
o-Xylene	20.0	21.2	106	79 - 120	
1,4-Dichlorobenzene	20.0	20.2	101	75 - 120	
Styrene	20.0	21.8	109	76 - 120	
Tetrachloroethene	20.0	23.0	115	70 - 136	
Dichlorodifluoromethane	20.0	23.2	116	40 - 150	
Toluene	20.0	20.5	103	78 - 120	
1,2,4-Trichlorobenzene	20.0	21.8	109	76 - 129	
1,4-Dioxane	400	412	103	46 - 150	
trans-1,2-Dichloroethene	20.0	20.6	103	79 - 120	
1,2,3-Trichlorobenzene	20.0	21.6	108	72 - 135	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279569

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-279569/3	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95458.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1000	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1000				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
trans-1,3-Dichloropropene	20.0	20.9	104	71 - 123	
Trichloroethene	20.0	21.1	106	74 - 120	
Chlorobromomethane	20.0	21.6	108	70 - 134	
Trichlorofluoromethane	20.0	22.5	112	65 - 142	
Isopropylbenzene	20.0	22.3	111	74 - 127	
Vinyl chloride	20.0	20.0	100	56 - 137	
1,2-Dichloroethane	20.0	20.1	100	75 - 127	
Methyl acetate	100	95.0	95	62 - 140	
1,2-Dichlorobenzene	20.0	20.7	103	81 - 120	
Methylcyclohexane	20.0	20.9	104	64 - 136	
1,2-Dibromo-3-Chloropropane	20.0	19.5	98	53 - 136	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	73	70 - 130
4-Bromofluorobenzene	91	64 - 135
Toluene-d8 (Surr)	78	70 - 130
Dibromofluoromethane (Surr)	78	72 - 137

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279569

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-89827-A-1 MS	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95467.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1407			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1407				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89827-A-1 MSD	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95468.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1432			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1432				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1-Dichloroethene	110	107	71 - 123	3	30		
1,1-Dichloroethane	112	105	75 - 126	6	30		
2-Butanone (MEK)	94	88	52 - 140	7	30		
1,1,1-Trichloroethane	114	107	73 - 134	6	30		
Acetone	112	104	26 - 150	7	30		
1,2-Dichloropropane	107	102	70 - 120	4	30		
Bromomethane	110	101	27 - 150	9	30		
Carbon disulfide	105	99	61 - 126	6	30		
Carbon tetrachloride	111	110	58 - 150	1	30		
1,1,2-Trichloroethane	102	97	68 - 121	5	30		
Benzene	103	97	69 - 125	6	30		
Chlorodibromomethane	103	97	63 - 131	6	30		
Bromoform	97	91	50 - 134	6	30		
Chloroethane	110	94	58 - 145	15	30		
4-Methyl-2-pentanone (MIBK)	89	85	56 - 132	4	30		
Chloroform	109	104	81 - 122	5	30		
2-Hexanone	83	80	49 - 131	3	30		
Chloromethane	99	92	43 - 145	8	30		
cis-1,2-Dichloroethene	110	106	78 - 121	3	30		
1,1,2,2-Tetrachloroethane	93	90	55 - 133	4	30		
cis-1,3-Dichloropropene	103	95	71 - 120	8	30		
Chlorobenzene	103	97	77 - 120	6	30		
Dichlorobromomethane	108	102	72 - 123	5	30		
Ethylbenzene	109	101	74 - 120	7	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	133	124	60 - 144	7	30		
Methyl tert-butyl ether	108	101	73 - 125	7	30		
Cyclohexane	105	100	62 - 135	6	30		
Methylene Chloride	104	98	76 - 123	6	30		
Ethylene Dibromide	102	97	77 - 117	5	30		
m-Xylene & p-Xylene	113	105	78 - 119	7	30		
1,3-Dichlorobenzene	107	102	75 - 120	5	30		
o-Xylene	114	107	79 - 120	6	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279569

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-89827-A-1 MS	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95467.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1407			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1407				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89827-A-1 MSD	Analysis Batch:	460-279569	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P95468.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/04/2015 1432			Final Weight/Volume:	5 mL
Prep Date:	02/04/2015 1432				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,4-Dichlorobenzene	103	98	75 - 120	4	30		
Styrene	112	106	76 - 120	6	30		
Tetrachloroethene	113	105	70 - 136	8	30		
Dichlorodifluoromethane	125	114	40 - 150	9	30		
Toluene	106	100	78 - 120	6	30		
1,2,4-Trichlorobenzene	112	107	76 - 129	5	30		
1,4-Dioxane	106	95	46 - 150	11	30		
trans-1,2-Dichloroethene	106	101	79 - 120	5	30		
1,2,3-Trichlorobenzene	106	104	72 - 135	3	30		
trans-1,3-Dichloropropene	102	96	71 - 123	6	30		
Trichloroethene	111	105	74 - 120	5	30		
Chlorobromomethane	113	108	70 - 134	5	30		
Trichlorofluoromethane	122	113	65 - 142	7	30		
Isopropylbenzene	115	109	74 - 127	5	30		
Vinyl chloride	105	97	56 - 137	8	30		
1,2-Dichloroethane	101	98	75 - 127	3	30		
Methyl acetate	103	101	62 - 140	3	30		
1,2-Dichlorobenzene	109	102	81 - 120	6	30		
Methylcyclohexane	106	100	64 - 136	6	30		
1,2-Dibromo-3-Chloropropane	89	92	53 - 136	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	85	70 - 130
4-Bromofluorobenzene	117	108	64 - 135
Toluene-d8 (Surr)	101	91	70 - 130
Dibromofluoromethane (Surr)	100	91	72 - 137

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279814

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-279814/19	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O95700.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	02/05/2015 2342	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	1.0	U	0.23	1.0
1,1-Dichloroethane	1.0	U	0.18	1.0
2-Butanone (MEK)	5.0	U	1.5	5.0
1,1,1-Trichloroethane	1.0	U	0.20	1.0
Acetone	6.39		0.23	5.0
1,2-Dichloropropane	1.0	U	0.24	1.0
Bromomethane	1.0	U	0.36	1.0
Carbon disulfide	1.0	U	0.17	1.0
Carbon tetrachloride	1.0	U	0.18	1.0
1,1,2-Trichloroethane	1.0	U	0.24	1.0
Benzene	1.0	U	0.19	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Bromoform	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.68	5.0
Chloroform	1.0	U	0.16	1.0
2-Hexanone	5.0	U	0.69	5.0
Chloromethane	1.0	U	0.23	1.0
cis-1,2-Dichloroethene	1.0	U	0.22	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.13	1.0
cis-1,3-Dichloropropene	1.0	U	0.17	1.0
Chlorobenzene	1.0	U	0.17	1.0
Dichlorobromomethane	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.14	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.21	1.0
Methyl tert-butyl ether	1.0	U	0.20	1.0
Cyclohexane	1.0	U	0.21	1.0
Methylene Chloride	0.381	J	0.38	1.0
Ethylene Dibromide	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.21	1.0
1,3-Dichlorobenzene	1.0	U	0.20	1.0
o-Xylene	1.0	U	0.17	1.0
1,4-Dichlorobenzene	1.0	U	0.21	1.0
Styrene	1.0	U	0.24	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Toluene	1.0	U	0.27	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	20	U	12	20
trans-1,2-Dichloroethene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.33	1.0
trans-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.20	1.0
Chlorobromomethane	1.0	U	0.31	1.0
Trichlorofluoromethane	1.0	U	0.19	1.0

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279814

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-279814/19	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O95700.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	02/05/2015 2342	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	1.0	U	0.19	1.0
Vinyl chloride	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl acetate	5.0	U	0.94	5.0
1,2-Dichlorobenzene	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.46	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 130
4-Bromofluorobenzene	110	70 - 130
Toluene-d8 (Surr)	99	70 - 130
Dibromofluoromethane (Surr)	104	70 - 130

Method Blank TICs- Batch: 460-279814

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-279814

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-279814/16	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O95697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	02/05/2015 2157	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-279814/17	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O95698.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	02/05/2015 2223	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	87	89	74 - 128	1	30		
1,1-Dichloroethane	90	92	78 - 125	2	30		
2-Butanone (MEK)	94	100	58 - 140	6	30		
1,1,1-Trichloroethane	107	100	82 - 129	6	30		
Acetone	116	124	58 - 139	6	30		
1,2-Dichloropropane	96	97	72 - 123	1	30		
Bromomethane	99	102	62 - 150	3	30		
Carbon disulfide	92	88	73 - 127	4	30		
Carbon tetrachloride	102	100	77 - 137	2	30		
1,1,2-Trichloroethane	105	91	74 - 116	14	30		
Benzene	108	95	75 - 123	12	30		
Chlorodibromomethane	80	68	74 - 124	16	30		*
Bromoform	87	76	70 - 130	14	30		
Chloroethane	93	95	60 - 140	2	30		
4-Methyl-2-pentanone (MIBK)	113	96	55 - 133	16	30		
Chloroform	97	92	77 - 122	5	30		
2-Hexanone	136	122	52 - 134	11	30	*	
Chloromethane	100	101	48 - 144	1	30		
cis-1,2-Dichloroethene	94	86	82 - 121	8	30		
1,1,2,2-Tetrachloroethane	103	87	66 - 121	17	30		
cis-1,3-Dichloropropene	80	70	75 - 119	14	30		*
Chlorobenzene	101	96	80 - 120	6	30		
Dichlorobromomethane	98	93	77 - 122	5	30		
Ethylbenzene	100	89	80 - 120	11	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	105	101	73 - 134	4	30		
Methyl tert-butyl ether	108	96	75 - 124	12	30		
Cyclohexane	102	100	66 - 128	2	30		
Methylene Chloride	108	102	75 - 124	5	30		
Ethylene Dibromide	100	94	78 - 117	7	30		
m-Xylene & p-Xylene	97	92	79 - 120	5	30		
1,3-Dichlorobenzene	95	87	78 - 120	9	30		
o-Xylene	98	87	77 - 120	12	30		
1,4-Dichlorobenzene	96	92	77 - 120	5	30		
Styrene	98	93	78 - 120	5	30		
Tetrachloroethene	101	99	80 - 127	1	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-279814

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-279814/16	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O95697.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	02/05/2015 2157	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-279814/17	Analysis Batch:	460-279814	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O95698.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	02/05/2015 2223	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	97	96	52 - 145	2	30		
Toluene	105	97	82 - 117	8	30		
1,2,4-Trichlorobenzene	95	91	81 - 127	4	30		
1,4-Dioxane	106	98	69 - 142	8	30		
trans-1,2-Dichloroethene	99	98	83 - 124	1	30		
1,2,3-Trichlorobenzene	91	90	81 - 123	1	30		
trans-1,3-Dichloropropene	78	70	74 - 119	11	30		*
Trichloroethene	98	92	78 - 122	6	30		
Chlorobromomethane	87	86	82 - 127	1	30		
Trichlorofluoromethane	101	100	63 - 147	1	30		
Isopropylbenzene	100	92	80 - 120	8	30		
Vinyl chloride	97	96	62 - 132	0	30		
1,2-Dichloroethane	98	94	79 - 120	4	30		
Methyl acetate	81	88	61 - 137	8	30		
1,2-Dichlorobenzene	97	91	77 - 120	7	30		
Methylcyclohexane	103	101	80 - 125	2	30		
1,2-Dibromo-3-Chloropropane	100	81	61 - 125	21	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113	105	70 - 130
4-Bromofluorobenzene	110	102	70 - 130
Toluene-d8 (Surr)	112	107	70 - 130
Dibromofluoromethane (Surr)	103	106	70 - 130

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-280001

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-280001/7	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8856.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/05/2015 2204	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	1.0	U	0.23	1.0
1,1-Dichloroethane	1.0	U	0.18	1.0
2-Butanone (MEK)	5.0	U	1.5	5.0
1,1,1-Trichloroethane	1.0	U	0.20	1.0
Acetone	4.31	J	0.23	5.0
1,2-Dichloropropane	1.0	U	0.24	1.0
Bromomethane	1.0	U	0.36	1.0
Carbon disulfide	1.0	U	0.17	1.0
Carbon tetrachloride	1.0	U	0.18	1.0
1,1,2-Trichloroethane	1.0	U	0.24	1.0
Benzene	1.0	U	0.19	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Bromoform	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.68	5.0
Chloroform	1.0	U	0.16	1.0
2-Hexanone	5.0	U	0.69	5.0
Chloromethane	1.0	U	0.23	1.0
cis-1,2-Dichloroethene	1.0	U	0.22	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.13	1.0
cis-1,3-Dichloropropene	1.0	U	0.17	1.0
Chlorobenzene	1.0	U	0.17	1.0
Dichlorobromomethane	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.14	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.21	1.0
Methyl tert-butyl ether	1.0	U	0.20	1.0
Cyclohexane	1.0	U	0.21	1.0
Methylene Chloride	1.0	U	0.38	1.0
Ethylene Dibromide	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.21	1.0
1,3-Dichlorobenzene	1.0	U	0.20	1.0
o-Xylene	1.0	U	0.17	1.0
1,4-Dichlorobenzene	1.0	U	0.21	1.0
Styrene	1.0	U	0.24	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Toluene	1.0	U	0.27	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	20	U	12	20
trans-1,2-Dichloroethene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.33	1.0
trans-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.20	1.0
Chlorobromomethane	1.0	U	0.31	1.0
Trichlorofluoromethane	1.0	U	0.19	1.0

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-280001

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-280001/7	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8856.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/05/2015 2204	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	1.0	U	0.19	1.0
Vinyl chloride	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl acetate	5.0	U	0.94	5.0
1,2-Dichlorobenzene	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.46	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	70 - 130
4-Bromofluorobenzene	100	70 - 130
Toluene-d8 (Surr)	96	70 - 130
Dibromofluoromethane (Surr)	90	70 - 130

Method Blank TICs- Batch: 460-280001

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-280001

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-280001/3	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8852.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/05/2015 1830	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-280001/4	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8853.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/05/2015 2051	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	102	109	74 - 128	7	30		
1,1-Dichloroethane	86	95	78 - 125	9	30		
2-Butanone (MEK)	96	104	58 - 140	8	30		
1,1,1-Trichloroethane	95	104	82 - 129	9	30		
Acetone	97	105	58 - 139	8	30		
1,2-Dichloropropane	77	86	72 - 123	11	30		
Bromomethane	112	119	62 - 150	6	30		
Carbon disulfide	93	101	73 - 127	8	30		
Carbon tetrachloride	92	103	77 - 137	11	30		
1,1,2-Trichloroethane	86	91	74 - 116	5	30		
Benzene	92	102	75 - 123	11	30		
Chlorodibromomethane	92	98	74 - 124	6	30		
Bromoform	88	94	70 - 130	6	30		
Chloroethane	89	102	60 - 140	14	30		
4-Methyl-2-pentanone (MIBK)	75	79	55 - 133	5	30		
Chloroform	87	96	77 - 122	10	30		
2-Hexanone	70	74	52 - 134	7	30		
Chloromethane	92	99	48 - 144	8	30		
cis-1,2-Dichloroethene	93	100	82 - 121	7	30		
1,1,2,2-Tetrachloroethane	86	93	66 - 121	8	30		
cis-1,3-Dichloropropene	84	93	75 - 119	10	30		
Chlorobenzene	94	102	80 - 120	8	30		
Dichlorobromomethane	84	90	77 - 122	8	30		
Ethylbenzene	92	103	80 - 120	11	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	105	113	73 - 134	8	30		
Methyl tert-butyl ether	86	91	75 - 124	5	30		
Cyclohexane	88	96	66 - 128	8	30		
Methylene Chloride	96	99	75 - 124	3	30		
Ethylene Dibromide	89	97	78 - 117	9	30		
m-Xylene & p-Xylene	91	101	79 - 120	11	30		
1,3-Dichlorobenzene	95	103	78 - 120	9	30		
o-Xylene	92	103	77 - 120	11	30		
1,4-Dichlorobenzene	94	105	77 - 120	10	30		
Styrene	87	96	78 - 120	11	30		
Tetrachloroethene	97	111	80 - 127	13	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-280001

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-280001/3	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8852.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/05/2015 1830	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-280001/4	Analysis Batch:	460-280001	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8853.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/05/2015 2051	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	101	110	52 - 145	8	30		
Toluene	91	99	82 - 117	9	30		
1,2,4-Trichlorobenzene	94	108	81 - 127	14	30		
1,4-Dioxane	93	100	69 - 142	8	30		
trans-1,2-Dichloroethene	94	105	83 - 124	11	30		
1,2,3-Trichlorobenzene	92	105	81 - 123	13	30		
trans-1,3-Dichloropropene	79	86	74 - 119	9	30		
Trichloroethene	88	94	78 - 122	7	30		
Chlorobromomethane	93	103	82 - 127	10	30		
Trichlorofluoromethane	107	121	63 - 147	13	30		
Isopropylbenzene	96	106	80 - 120	10	30		
Vinyl chloride	106	113	62 - 132	6	30		
1,2-Dichloroethane	79	86	79 - 120	8	30		
Methyl acetate	72	76	61 - 137	6	30		
1,2-Dichlorobenzene	97	105	77 - 120	8	30		
Methylcyclohexane	96	106	80 - 125	10	30		
1,2-Dibromo-3-Chloropropane	93	96	61 - 125	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83	88	70 - 130
4-Bromofluorobenzene	97	104	70 - 130
Toluene-d8 (Surr)	90	97	70 - 130
Dibromofluoromethane (Surr)	90	97	70 - 130

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-280031

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-280031/14	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K36359.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0513	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	1.0	U	0.23	1.0
1,1-Dichloroethane	1.0	U	0.18	1.0
2-Butanone (MEK)	5.0	U	1.5	5.0
1,1,1-Trichloroethane	1.0	U	0.20	1.0
Acetone	4.75	J	0.23	5.0
1,2-Dichloropropane	1.0	U	0.24	1.0
Bromomethane	1.0	U	0.36	1.0
Carbon disulfide	1.0	U	0.17	1.0
Carbon tetrachloride	1.0	U	0.18	1.0
1,1,2-Trichloroethane	1.0	U	0.24	1.0
Benzene	1.0	U	0.19	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Bromoform	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.68	5.0
Chloroform	1.0	U	0.16	1.0
2-Hexanone	5.0	U	0.69	5.0
Chloromethane	1.0	U	0.23	1.0
cis-1,2-Dichloroethene	1.0	U	0.22	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.13	1.0
cis-1,3-Dichloropropene	1.0	U	0.17	1.0
Chlorobenzene	1.0	U	0.17	1.0
Dichlorobromomethane	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.14	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.21	1.0
Methyl tert-butyl ether	1.0	U	0.20	1.0
Cyclohexane	1.0	U	0.21	1.0
Methylene Chloride	1.0	U	0.38	1.0
Ethylene Dibromide	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.21	1.0
1,3-Dichlorobenzene	1.0	U	0.20	1.0
o-Xylene	1.0	U	0.17	1.0
1,4-Dichlorobenzene	1.0	U	0.21	1.0
Styrene	1.0	U	0.24	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Toluene	1.0	U	0.27	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	20	U	12	20
trans-1,2-Dichloroethene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.33	1.0
trans-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.20	1.0
Chlorobromomethane	1.0	U	0.31	1.0
Trichlorofluoromethane	1.0	U	0.19	1.0

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-280031

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-280031/14	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K36359.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0513	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	1.0	U	0.19	1.0
Vinyl chloride	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl acetate	5.0	U	0.94	5.0
1,2-Dichlorobenzene	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.46	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	109	70 - 130
4-Bromofluorobenzene	122	70 - 130
Toluene-d8 (Surr)	105	70 - 130
Dibromofluoromethane (Surr)	113	70 - 130

Method Blank TICs- Batch: 460-280031

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-280031

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-280031/11	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K36356.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0400	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-280031/12	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K36357.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0425	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	91	103	74 - 128	13	30		
1,1-Dichloroethane	87	103	78 - 125	17	30		
2-Butanone (MEK)	75	85	58 - 140	12	30		
1,1,1-Trichloroethane	95	104	82 - 129	9	30		
Acetone	118	121	58 - 139	3	30		
1,2-Dichloropropane	84	93	72 - 123	11	30		
Bromomethane	85	82	62 - 150	4	30		
Carbon disulfide	93	101	73 - 127	8	30		
Carbon tetrachloride	96	107	77 - 137	11	30		
1,1,2-Trichloroethane	85	97	74 - 116	13	30		
Benzene	85	104	75 - 123	20	30		
Chlorodibromomethane	86	96	74 - 124	11	30		
Bromoform	94	98	70 - 130	5	30		
Chloroethane	80	78	60 - 140	2	30		
4-Methyl-2-pentanone (MIBK)	103	109	55 - 133	5	30		
Chloroform	86	100	77 - 122	15	30		
2-Hexanone	101	104	52 - 134	3	30		
Chloromethane	103	97	48 - 144	5	30		
cis-1,2-Dichloroethene	87	101	82 - 121	15	30		
1,1,2,2-Tetrachloroethane	92	97	66 - 121	6	30		
cis-1,3-Dichloropropene	82	94	75 - 119	13	30		
Chlorobenzene	85	98	80 - 120	14	30		
Dichlorobromomethane	82	94	77 - 122	14	30		
Ethylbenzene	91	105	80 - 120	14	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	102	106	73 - 134	4	30		
Methyl tert-butyl ether	95	100	75 - 124	6	30		
Cyclohexane	94	104	66 - 128	10	30		
Methylene Chloride	85	93	75 - 124	8	30		
Ethylene Dibromide	88	94	78 - 117	7	30		
m-Xylene & p-Xylene	89	103	79 - 120	14	30		
1,3-Dichlorobenzene	89	101	78 - 120	12	30		
o-Xylene	94	107	77 - 120	13	30		
1,4-Dichlorobenzene	89	99	77 - 120	10	30		
Styrene	92	103	78 - 120	11	30		
Tetrachloroethene	85	104	80 - 127	20	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-280031

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-280031/11	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K36356.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0400	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-280031/12	Analysis Batch:	460-280031	Instrument ID:	CVOAMS9
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	K36357.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0425	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	95	92	52 - 145	3	30		
Toluene	82	99	82 - 117	18	30		
1,2,4-Trichlorobenzene	96	101	81 - 127	4	30		
1,4-Dioxane	102	112	69 - 142	9	30		
trans-1,2-Dichloroethene	88	105	83 - 124	18	30		
1,2,3-Trichlorobenzene	96	101	81 - 123	5	30		
trans-1,3-Dichloropropene	80	90	74 - 119	13	30		
Trichloroethene	81	98	78 - 122	19	30		
Chlorobromomethane	87	100	82 - 127	13	30		
Trichlorofluoromethane	102	103	63 - 147	1	30		
Isopropylbenzene	97	110	80 - 120	12	30		
Vinyl chloride	104	99	62 - 132	4	30		
1,2-Dichloroethane	83	94	79 - 120	13	30		
Methyl acetate	70	78	61 - 137	10	30		
1,2-Dichlorobenzene	90	100	77 - 120	10	30		
Methylcyclohexane	96	107	80 - 125	11	30		
1,2-Dibromo-3-Chloropropane	96	102	61 - 125	6	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	91	70 - 130
4-Bromofluorobenzene	100	95	70 - 130
Toluene-d8 (Surr)	93	92	70 - 130
Dibromofluoromethane (Surr)	95	93	70 - 130

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-280118

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-280118/7	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8884.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0931	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1-Dichloroethene	1.0	U	0.23	1.0
1,1-Dichloroethane	1.0	U	0.18	1.0
2-Butanone (MEK)	5.0	U	1.5	5.0
1,1,1-Trichloroethane	1.0	U	0.20	1.0
Acetone	3.42	J	0.23	5.0
1,2-Dichloropropane	1.0	U	0.24	1.0
Bromomethane	1.0	U	0.36	1.0
Carbon disulfide	1.0	U	0.17	1.0
Carbon tetrachloride	1.0	U	0.18	1.0
1,1,2-Trichloroethane	1.0	U	0.24	1.0
Benzene	1.0	U	0.19	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Bromoform	1.0	U	0.15	1.0
Chloroethane	1.0	U	0.48	1.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.68	5.0
Chloroform	1.0	U	0.16	1.0
2-Hexanone	5.0	U	0.69	5.0
Chloromethane	1.0	U	0.23	1.0
cis-1,2-Dichloroethene	1.0	U	0.22	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.13	1.0
cis-1,3-Dichloropropene	1.0	U	0.17	1.0
Chlorobenzene	1.0	U	0.17	1.0
Dichlorobromomethane	1.0	U	0.16	1.0
Ethylbenzene	1.0	U	0.14	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.21	1.0
Methyl tert-butyl ether	1.0	U	0.20	1.0
Cyclohexane	1.0	U	0.21	1.0
Methylene Chloride	0.468	J	0.38	1.0
Ethylene Dibromide	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.21	1.0
1,3-Dichlorobenzene	1.0	U	0.20	1.0
o-Xylene	1.0	U	0.17	1.0
1,4-Dichlorobenzene	1.0	U	0.21	1.0
Styrene	1.0	U	0.24	1.0
Tetrachloroethene	1.0	U	0.20	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Toluene	1.0	U	0.27	1.0
1,2,4-Trichlorobenzene	1.0	U	0.27	1.0
1,4-Dioxane	20	U	12	20
trans-1,2-Dichloroethene	1.0	U	0.21	1.0
1,2,3-Trichlorobenzene	1.0	U	0.33	1.0
trans-1,3-Dichloropropene	1.0	U	0.18	1.0
Trichloroethene	1.0	U	0.20	1.0
Chlorobromomethane	1.0	U	0.31	1.0
Trichlorofluoromethane	1.0	U	0.19	1.0

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-280118

Method: 8260C
Preparation: N/A

Lab Sample ID:	MB 460-280118/7	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8884.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0931	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Isopropylbenzene	1.0	U	0.19	1.0
Vinyl chloride	1.0	U	0.24	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
Methyl acetate	5.0	U	0.94	5.0
1,2-Dichlorobenzene	1.0	U	0.13	1.0
Methylcyclohexane	1.0	U	0.19	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.46	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
4-Bromofluorobenzene	111	70 - 130
Toluene-d8 (Surr)	106	70 - 130
Dibromofluoromethane (Surr)	101	70 - 130

Method Blank TICs- Batch: 460-280118

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-280118

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-280118/3	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0753	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-280118/4	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8881.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0818	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,1-Dichloroethene	108	107	74 - 128	1	30		
1,1-Dichloroethane	93	93	78 - 125	0	30		
2-Butanone (MEK)	106	99	58 - 140	7	30		
1,1,1-Trichloroethane	101	103	82 - 129	3	30		
Acetone	103	101	58 - 139	1	30		
1,2-Dichloropropane	85	82	72 - 123	4	30		
Bromomethane	92	95	62 - 150	3	30		
Carbon disulfide	94	94	73 - 127	1	30		
Carbon tetrachloride	98	101	77 - 137	2	30		
1,1,2-Trichloroethane	93	90	74 - 116	2	30		
Benzene	102	99	75 - 123	3	30		
Chlorodibromomethane	96	92	74 - 124	4	30		
Bromoform	90	88	70 - 130	2	30		
Chloroethane	93	88	60 - 140	5	30		
4-Methyl-2-pentanone (MIBK)	84	80	55 - 133	5	30		
Chloroform	96	95	77 - 122	1	30		
2-Hexanone	75	73	52 - 134	3	30		
Chloromethane	82	77	48 - 144	5	30		
cis-1,2-Dichloroethene	99	99	82 - 121	0	30		
1,1,2,2-Tetrachloroethane	96	92	66 - 121	5	30		
cis-1,3-Dichloropropene	93	90	75 - 119	4	30		
Chlorobenzene	103	100	80 - 120	3	30		
Dichlorobromomethane	91	90	77 - 122	1	30		
Ethylbenzene	103	100	80 - 120	4	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	111	110	73 - 134	1	30		
Methyl tert-butyl ether	91	88	75 - 124	4	30		
Cyclohexane	95	93	66 - 128	2	30		
Methylene Chloride	99	94	75 - 124	5	30		
Ethylene Dibromide	99	93	78 - 117	6	30		
m-Xylene & p-Xylene	100	99	79 - 120	1	30		
1,3-Dichlorobenzene	104	102	78 - 120	1	30		
o-Xylene	103	97	77 - 120	6	30		
1,4-Dichlorobenzene	107	101	77 - 120	5	30		
Styrene	96	93	78 - 120	4	30		
Tetrachloroethene	112	107	80 - 127	5	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-280118

Method: 8260C
Preparation: N/A

LCS Lab Sample ID:	LCS 460-280118/3	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8880.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0753	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-280118/4	Analysis Batch:	460-280118	Instrument ID:	CVOAMS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	D8881.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/06/2015 0818	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Dichlorodifluoromethane	83	84	52 - 145	1	30		
Toluene	103	98	82 - 117	4	30		
1,2,4-Trichlorobenzene	103	101	81 - 127	2	30		
1,4-Dioxane	103	100	69 - 142	2	30		
trans-1,2-Dichloroethene	104	104	83 - 124	0	30		
1,2,3-Trichlorobenzene	102	98	81 - 123	4	30		
trans-1,3-Dichloropropene	83	81	74 - 119	3	30		
Trichloroethene	95	95	78 - 122	0	30		
Chlorobromomethane	102	101	82 - 127	2	30		
Trichlorofluoromethane	99	98	63 - 147	1	30		
Isopropylbenzene	107	102	80 - 120	5	30		
Vinyl chloride	93	94	62 - 132	2	30		
1,2-Dichloroethane	86	84	79 - 120	2	30		
Methyl acetate	78	78	61 - 137	0	30		
1,2-Dichlorobenzene	106	103	77 - 120	3	30		
Methylcyclohexane	107	106	80 - 125	0	30		
1,2-Dibromo-3-Chloropropane	99	92	61 - 125	7	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	92	70 - 130
4-Bromofluorobenzene	112	107	70 - 130
Toluene-d8 (Surr)	103	97	70 - 130
Dibromofluoromethane (Surr)	102	95	70 - 130

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279405

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-279405/1-A	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9322.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/03/2015 2329	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	330	U	28	330
1,2,4,5-Tetrachlorobenzene	330	U	25	330
2,2'-oxybis[1-chloropropane]	330	U	14	330
2,3,4,6-Tetrachlorophenol	330	U	31	330
2,4,5-Trichlorophenol	330	U	33	330
2,4,6-Trichlorophenol	130	U	9.4	130
2,4-Dichlorophenol	130	U	7.8	130
2,4-Dimethylphenol	330	U	73	330
2,4-Dinitrophenol	270	U	250	270
2,4-Dinitrotoluene	67	U	13	67
2,6-Dinitrotoluene	67	U	18	67
2-Chloronaphthalene	330	U	7.5	330
2-Chlorophenol	330	U	8.4	330
2-Methylnaphthalene	330	U	7.3	330
2-Methylphenol	330	U	14	330
2-Nitroaniline	330	U	11	330
2-Nitrophenol	330	U	11	330
3,3'-Dichlorobenzidine	130	U	37	130
3-Nitroaniline	330	U	9.8	330
4,6-Dinitro-2-methylphenol	270	U	88	270
4-Bromophenyl phenyl ether	330	U	10	330
4-Chloro-3-methylphenol	330	U	14	330
4-Chloroaniline	330	U	8.5	330
4-Chlorophenyl phenyl ether	330	U	9.9	330
4-Methylphenol	330	U	9.0	330
4-Nitroaniline	330	U	13	330
4-Nitrophenol	670	U	160	670
Acenaphthene	330	U	8.0	330
Acenaphthylene	330	U	8.5	330
Acetophenone	330	U	7.2	330
Anthracene	330	U	31	330
Atrazine	130	U	15	130
Benzaldehyde	330	U	25	330
Benzo[a]anthracene	33	U	28	33
Benzo[a]pyrene	33	U	10	33
Benzo[b]fluoranthene	33	U	13	33
Benzo[g,h,i]perylene	330	U	19	330
Benzo[k]fluoranthene	33	U	14	33
Bis(2-chloroethoxy)methane	330	U	10	330
Bis(2-chloroethyl)ether	33	U	7.8	33
Bis(2-ethylhexyl) phthalate	330	U	13	330
Butyl benzyl phthalate	330	U	10	330
Caprolactam	330	U	24	330
Carbazole	330	U	8.2	330
Chrysene	330	U	9.0	330

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279405

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-279405/1-A	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9322.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/03/2015 2329	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dibenz(a,h)anthracene	33	U	17	33
Dibenzofuran	330	U	10	330
Diethyl phthalate	330	U	9.4	330
Dimethyl phthalate	330	U	9.6	330
Di-n-butyl phthalate	330	U	9.9	330
Di-n-octyl phthalate	330	U	17	330
Fluoranthene	330	U	9.8	330
Fluorene	330	U	7.2	330
Hexachlorobenzene	33	U	13	33
Hexachlorobutadiene	67	U	9.3	67
Hexachlorocyclopentadiene	330	U	21	330
Hexachloroethane	33	U	12	33
Indeno[1,2,3-cd]pyrene	33	U	22	33
Isophorone	130	U	7.1	130
Naphthalene	330	U	8.4	330
Nitrobenzene	33	U	10	33
N-Nitrosodi-n-propylamine	33	U	11	33
N-Nitrosodiphenylamine	330	U	30	330
Pentachlorophenol	270	U	40	270
Phenanthrene	330	U	8.8	330
Phenol	330	U	11	330
Pyrene	330	U	15	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	97	10 - 120
2-Fluorobiphenyl	77	40 - 109
2-Fluorophenol (Surr)	73	37 - 125
Nitrobenzene-d5 (Surr)	82	38 - 105
Phenol-d5 (Surr)	77	41 - 118
Terphenyl-d14 (Surr)	93	16 - 151

Method Blank TICs- Batch: 460-279405

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Unknown Aldehyde	2.53	2090	J

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279405

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-279405/2-A	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9323.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/03/2015 2352	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	3330	2760	83	50 - 105	
1,2,4,5-Tetrachlorobenzene	3330	2800	84	70 - 130	
2,2'-oxybis[1-chloropropane]	3330	2530	76	45 - 102	
2,3,4,6-Tetrachlorophenol	3330	2740	82	70 - 130	
2,4,5-Trichlorophenol	3330	2860	86	50 - 115	
2,4,6-Trichlorophenol	3330	2790	84	53 - 118	
2,4-Dichlorophenol	3330	2530	76	58 - 115	
2,4-Dimethylphenol	3330	2590	78	56 - 112	
2,4-Dinitrophenol	6670	2760	41	10 - 129	
2,4-Dinitrotoluene	3330	2770	83	53 - 110	
2,6-Dinitrotoluene	3330	2820	84	51 - 115	
2-Chloronaphthalene	3330	2660	80	51 - 102	
2-Chlorophenol	3330	2330	70	56 - 110	
2-Methylnaphthalene	3330	2710	81	51 - 98	
2-Methylphenol	3330	2410	72	54 - 117	
2-Nitroaniline	3330	2350	71	51 - 109	
2-Nitrophenol	3330	2570	77	55 - 101	
3,3'-Dichlorobenzidine	3330	935	28	24 - 105	
3-Nitroaniline	3330	1270	38	32 - 104	
4,6-Dinitro-2-methylphenol	6670	3940	59	10 - 110	
4-Bromophenyl phenyl ether	3330	2960	89	44 - 102	
4-Chloro-3-methylphenol	3330	2720	82	55 - 117	
4-Chloroaniline	3330	1010	30	10 - 96	
4-Chlorophenyl phenyl ether	3330	2770	83	50 - 106	
4-Methylphenol	3330	2490	75	47 - 103	
4-Nitroaniline	3330	2070	62	45 - 106	
4-Nitrophenol	6670	6790	102	45 - 114	
Acenaphthene	3330	2770	83	46 - 100	
Acenaphthylene	3330	2690	81	51 - 103	
Acetophenone	3330	2750	83	40 - 95	
Anthracene	3330	2870	86	50 - 107	
Benzo[a]anthracene	3330	2820	85	46 - 112	
Benzo[a]pyrene	3330	3000	90	36 - 89	*
Benzo[b]fluoranthene	3330	3020	91	33 - 96	
Benzo[g,h,i]perylene	3330	3060	92	43 - 106	
Benzo[k]fluoranthene	3330	2850	85	35 - 115	
Bis(2-chloroethoxy)methane	3330	2600	78	51 - 100	
Bis(2-chloroethyl)ether	3330	2460	74	44 - 101	
Bis(2-ethylhexyl) phthalate	3330	3120	94	49 - 119	
Butyl benzyl phthalate	3330	3030	91	49 - 117	
Carbazole	3330	2720	82	49 - 104	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279405

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-279405/2-A	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9323.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/03/2015 2352	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chrysene	3330	2720	82	45 - 114	
Dibenz(a,h)anthracene	3330	2970	89	43 - 107	
Dibenzofuran	3330	2670	80	52 - 106	
Diethyl phthalate	3330	2750	83	52 - 114	
Dimethyl phthalate	3330	2710	81	52 - 112	
Di-n-butyl phthalate	3330	2950	88	50 - 108	
Di-n-octyl phthalate	3330	3070	92	40 - 106	
Fluoranthene	3330	2750	82	49 - 108	
Fluorene	3330	2820	85	51 - 108	
Hexachlorobenzene	3330	3110	93	43 - 104	
Hexachlorobutadiene	3330	2610	78	45 - 98	
Hexachlorocyclopentadiene	3330	2470	74	24 - 98	
Hexachloroethane	3330	2500	75	45 - 90	
Indeno[1,2,3-cd]pyrene	3330	2910	87	43 - 109	
Isophorone	3330	2630	79	48 - 97	
Naphthalene	3330	2620	79	53 - 94	
Nitrobenzene	3330	2630	79	42 - 106	
N-Nitrosodi-n-propylamine	3330	2810	84	42 - 107	
N-Nitrosodiphenylamine	3330	3040	91	49 - 106	
Pentachlorophenol	6670	5240	79	19 - 113	
Phenanthrene	3330	2850	86	48 - 108	
Phenol	3330	2490	75	54 - 115	
Pyrene	3330	2890	87	49 - 116	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	95	10 - 120
2-Fluorobiphenyl	79	40 - 109
2-Fluorophenol (Surr)	69	37 - 125
Nitrobenzene-d5 (Surr)	78	38 - 105
Phenol-d5 (Surr)	71	41 - 118
Terphenyl-d14 (Surr)	91	16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279405

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-279405/3-A	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9324.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 0015	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	6670	6180	93	30 - 100	
Benzaldehyde	6670	5110	77	10 - 160	
Caprolactam	6670	6110	92	10 - 127	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	94	10 - 120
2-Fluorobiphenyl	78	40 - 109
2-Fluorophenol (Surr)	71	37 - 125
Nitrobenzene-d5 (Surr)	77	38 - 105
Phenol-d5 (Surr)	72	41 - 118
Terphenyl-d14 (Surr)	91	16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279405

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-89956-5	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9332.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0444 g
Analysis Date:	02/04/2015 0319			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89956-5	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9333.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0212 g
Analysis Date:	02/04/2015 0342			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	74	74	50 - 105	1	30		
1,2,4,5-Tetrachlorobenzene	73	74	70 - 130	2	30		
2,2'-oxybis[1-chloropropane]	66	66	45 - 102	1	30		
2,3,4,6-Tetrachlorophenol	61	61	70 - 130	1	30	*	*
2,4,5-Trichlorophenol	68	71	50 - 115	4	30		
2,4,6-Trichlorophenol	67	70	53 - 118	4	30		
2,4-Dichlorophenol	66	66	58 - 115	1	30		
2,4-Dimethylphenol	64	65	56 - 112	2	30		
2,4-Dinitrophenol	14	12	10 - 129	18	30		
2,4-Dinitrotoluene	73	79	53 - 110	8	30		
2,6-Dinitrotoluene	73	78	51 - 115	7	30		
2-Chloronaphthalene	71	72	51 - 102	3	30		
2-Chlorophenol	61	62	56 - 110	1	30		
2-Methylnaphthalene	73	75	51 - 98	3	30		
2-Methylphenol	63	63	54 - 117	1	30		
2-Nitroaniline	60	63	51 - 109	4	30		
2-Nitrophenol	65	64	55 - 101	1	30		
3,3'-Dichlorobenzidine	49	53	24 - 105	8	30		
3-Nitroaniline	50	56	32 - 104	12	30		
4,6-Dinitro-2-methylphenol	34	27	10 - 110	23	30		
4-Bromophenyl phenyl ether	77	77	44 - 102	1	30		
4-Chloro-3-methylphenol	70	74	55 - 117	5	30		
4-Chloroaniline	34	38	10 - 96	11	30		
4-Chlorophenyl phenyl ether	74	77	50 - 106	5	30		
4-Methylphenol	66	69	47 - 103	4	30		
4-Nitroaniline	58	65	45 - 106	12	30		
4-Nitrophenol	76	82	45 - 114	7	30		
Acenaphthene	74	75	46 - 100	1	30		
Acenaphthylene	71	74	51 - 103	4	30		
Acetophenone	73	75	40 - 95	2	30		
Anthracene	75	79	50 - 107	5	30		
Atrazine	80	82	30 - 100	3	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279405

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-89956-5	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9332.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0444 g
Analysis Date:	02/04/2015 0319			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89956-5	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9333.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0212 g
Analysis Date:	02/04/2015 0342			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	61	62	10 - 160	1	30		
Benzo[a]anthracene	72	77	46 - 112	6	30		
Benzo[a]pyrene	77	81	36 - 89	5	30		
Benzo[b]fluoranthene	78	82	33 - 96	5	30		
Benzo[g,h,i]perylene	77	77	43 - 106	0	30		
Benzo[k]fluoranthene	73	79	35 - 115	8	30		
Bis(2-chloroethoxy)methane	69	71	51 - 100	3	30		
Bis(2-chloroethyl)ether	64	65	44 - 101	1	30		
Bis(2-ethylhexyl) phthalate	80	85	49 - 119	5	30		
Butyl benzyl phthalate	80	84	49 - 117	5	30		
Caprolactam	53	52	10 - 127	1	30		
Carbazole	69	74	49 - 104	8	30		
Chrysene	72	73	45 - 114	1	30		
Dibenz(a,h)anthracene	76	77	43 - 107	1	30		
Dibenzofuran	71	73	52 - 106	3	30		
Diethyl phthalate	73	79	52 - 114	7	30		
Dimethyl phthalate	72	77	52 - 112	6	30		
Di-n-butyl phthalate	78	82	50 - 108	6	30		
Di-n-octyl phthalate	79	90	40 - 106	12	30		
Fluoranthene	71	77	49 - 108	8	30		
Fluorene	75	79	51 - 108	6	30		
Hexachlorobenzene	80	84	43 - 104	5	30		
Hexachlorobutadiene	70	71	45 - 98	2	30		
Hexachlorocyclopentadiene	58	59	24 - 98	1	30		
Hexachloroethane	66	68	45 - 90	2	30		
Indeno[1,2,3-cd]pyrene	70	73	43 - 109	5	30		
Isophorone	67	69	48 - 97	4	30		
Naphthalene	70	71	53 - 94	1	30		
Nitrobenzene	67	69	42 - 106	3	30		
N-Nitrosodi-n-propylamine	76	77	42 - 107	2	30		
N-Nitrosodiphenylamine	79	79	49 - 106	0	30		
Pentachlorophenol	46	41	19 - 113	12	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279405

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-89956-5	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9332.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0444 g
Analysis Date:	02/04/2015 0319			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89956-5	Analysis Batch:	460-279462	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-279405	Lab File ID:	x9333.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0212 g
Analysis Date:	02/04/2015 0342			Final Weight/Volume:	1 mL
Prep Date:	02/03/2015 1353			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	75	78	48 - 108	4	30		
Phenol	65	66	54 - 115	2	30		
Pyrene	74	78	49 - 116	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	77	80	10 - 120
2-Fluorobiphenyl	69	70	40 - 109
2-Fluorophenol (Surr)	58	58	37 - 125
Nitrobenzene-d5 (Surr)	68	68	38 - 105
Phenol-d5 (Surr)	62	63	41 - 118
Terphenyl-d14 (Surr)	79	81	16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279647

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-279647/1-A	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8297.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 0343	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	330	U	28	330
1,2,4,5-Tetrachlorobenzene	330	U	25	330
2,2'-oxybis[1-chloropropane]	330	U	14	330
2,3,4,6-Tetrachlorophenol	330	U	31	330
2,4,5-Trichlorophenol	330	U	33	330
2,4,6-Trichlorophenol	130	U	9.4	130
2,4-Dichlorophenol	130	U	7.8	130
2,4-Dimethylphenol	330	U	73	330
2,4-Dinitrophenol	270	U	250	270
2,4-Dinitrotoluene	67	U	13	67
2,6-Dinitrotoluene	67	U	18	67
2-Chloronaphthalene	330	U	7.5	330
2-Chlorophenol	330	U	8.4	330
2-Methylnaphthalene	330	U	7.3	330
2-Methylphenol	330	U	14	330
2-Nitroaniline	330	U	11	330
2-Nitrophenol	330	U	11	330
3,3'-Dichlorobenzidine	130	U	37	130
3-Nitroaniline	330	U	9.8	330
4,6-Dinitro-2-methylphenol	270	U	88	270
4-Bromophenyl phenyl ether	330	U	10	330
4-Chloro-3-methylphenol	330	U	14	330
4-Chloroaniline	330	U	8.5	330
4-Chlorophenyl phenyl ether	330	U	9.9	330
4-Methylphenol	330	U	9.0	330
4-Nitroaniline	330	U	13	330
4-Nitrophenol	670	U	160	670
Acenaphthene	330	U	8.0	330
Acenaphthylene	330	U	8.5	330
Acetophenone	330	U	7.2	330
Anthracene	330	U	31	330
Atrazine	130	U	15	130
Benzaldehyde	330	U	25	330
Benzo[a]anthracene	33	U	28	33
Benzo[a]pyrene	33	U	10	33
Benzo[b]fluoranthene	33	U	13	33
Benzo[g,h,i]perylene	330	U	19	330
Benzo[k]fluoranthene	33	U	14	33
Bis(2-chloroethoxy)methane	330	U	10	330
Bis(2-chloroethyl)ether	33	U	7.8	33
Bis(2-ethylhexyl) phthalate	330	U	13	330
Butyl benzyl phthalate	330	U	10	330
Caprolactam	330	U	24	330
Carbazole	330	U	8.2	330
Chrysene	330	U	9.0	330

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279647

Method: 8270D
Preparation: 3546

Lab Sample ID:	MB 460-279647/1-A	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8297.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 0343	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dibenz(a,h)anthracene	33	U	17	33
Dibenzofuran	330	U	10	330
Diethyl phthalate	330	U	9.4	330
Dimethyl phthalate	330	U	9.6	330
Di-n-butyl phthalate	330	U	9.9	330
Di-n-octyl phthalate	330	U	17	330
Fluoranthene	330	U	9.8	330
Fluorene	330	U	7.2	330
Hexachlorobenzene	33	U	13	33
Hexachlorobutadiene	67	U	9.3	67
Hexachlorocyclopentadiene	330	U	21	330
Hexachloroethane	33	U	12	33
Indeno[1,2,3-cd]pyrene	33	U	22	33
Isophorone	130	U	7.1	130
Naphthalene	330	U	8.4	330
Nitrobenzene	33	U	10	33
N-Nitrosodi-n-propylamine	33	U	11	33
N-Nitrosodiphenylamine	330	U	30	330
Pentachlorophenol	270	U	40	270
Phenanthrene	330	U	8.8	330
Phenol	330	U	11	330
Pyrene	330	U	15	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	79	10 - 120
2-Fluorobiphenyl	91	40 - 109
2-Fluorophenol (Surr)	77	37 - 125
Nitrobenzene-d5 (Surr)	84	38 - 105
Phenol-d5 (Surr)	78	41 - 118
Terphenyl-d14 (Surr)	110	16 - 151

Method Blank TICs- Batch: 460-279647

Cas Number	Analyte	RT	Est. Result (ug/K	Qual
	Aldol condensation product	2.92	2110	A J

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279647

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-279647/2-A	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8298.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 0409	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	3330	3230	97	50 - 105	
1,2,4,5-Tetrachlorobenzene	3330	3440	103	70 - 130	
2,2'-oxybis[1-chloropropane]	3330	2840	85	45 - 102	
2,3,4,6-Tetrachlorophenol	3330	2850	85	70 - 130	
2,4,5-Trichlorophenol	3330	2880	87	50 - 115	
2,4,6-Trichlorophenol	3330	3150	95	53 - 118	
2,4-Dichlorophenol	3330	2820	84	58 - 115	
2,4-Dimethylphenol	3330	2640	79	56 - 112	
2,4-Dinitrophenol	6670	5600	84	10 - 129	
2,4-Dinitrotoluene	3330	3110	93	53 - 110	
2,6-Dinitrotoluene	3330	3080	92	51 - 115	
2-Chloronaphthalene	3330	3280	98	51 - 102	
2-Chlorophenol	3330	2640	79	56 - 110	
2-Methylnaphthalene	3330	2980	89	51 - 98	
2-Methylphenol	3330	2580	77	54 - 117	
2-Nitroaniline	3330	3060	92	51 - 109	
2-Nitrophenol	3330	2990	90	55 - 101	
3,3'-Dichlorobenzidine	3330	1720	52	24 - 105	
3-Nitroaniline	3330	1770	53	32 - 104	
4,6-Dinitro-2-methylphenol	6670	6420	96	10 - 110	
4-Bromophenyl phenyl ether	3330	3480	105	44 - 102	*
4-Chloro-3-methylphenol	3330	2660	80	55 - 117	
4-Chloroaniline	3330	1230	37	10 - 96	
4-Chlorophenyl phenyl ether	3330	3070	92	50 - 106	
4-Methylphenol	3330	2630	79	47 - 103	
4-Nitroaniline	3330	2390	72	45 - 106	
4-Nitrophenol	6670	5390	81	45 - 114	
Acenaphthene	3330	2870	86	46 - 100	
Acenaphthylene	3330	3060	92	51 - 103	
Acetophenone	3330	2890	87	40 - 95	
Anthracene	3330	3190	96	50 - 107	
Benzo[a]anthracene	3330	3200	96	46 - 112	
Benzo[a]pyrene	3330	3480	104	36 - 89	*
Benzo[b]fluoranthene	3330	3510	105	33 - 96	*
Benzo[g,h,i]perylene	3330	3040	91	43 - 106	
Benzo[k]fluoranthene	3330	3380	101	35 - 115	
Bis(2-chloroethoxy)methane	3330	2850	86	51 - 100	
Bis(2-chloroethyl)ether	3330	2920	88	44 - 101	
Bis(2-ethylhexyl) phthalate	3330	3330	100	49 - 119	
Butyl benzyl phthalate	3330	3320	100	49 - 117	
Carbazole	3330	3020	91	49 - 104	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279647

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-279647/2-A	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8298.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 0409	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Chrysene	3330	3190	96	45 - 114	
Dibenz(a,h)anthracene	3330	3420	103	43 - 107	
Dibenzofuran	3330	3010	90	52 - 106	
Diethyl phthalate	3330	2950	89	52 - 114	
Dimethyl phthalate	3330	3040	91	52 - 112	
Di-n-butyl phthalate	3330	3130	94	50 - 108	
Di-n-octyl phthalate	3330	3360	101	40 - 106	
Fluoranthene	3330	3000	90	49 - 108	
Fluorene	3330	3140	94	51 - 108	
Hexachlorobenzene	3330	3590	108	43 - 104	*
Hexachlorobutadiene	3330	3120	94	45 - 98	
Hexachlorocyclopentadiene	3330	3260	98	24 - 98	
Hexachloroethane	3330	2880	86	45 - 90	
Indeno[1,2,3-cd]pyrene	3330	3220	97	43 - 109	
Isophorone	3330	2910	87	48 - 97	
Naphthalene	3330	2940	88	53 - 94	
Nitrobenzene	3330	2970	89	42 - 106	
N-Nitrosodi-n-propylamine	3330	3080	92	42 - 107	
N-Nitrosodiphenylamine	3330	3630	109	49 - 106	*
Pentachlorophenol	6670	6060	91	19 - 113	
Phenanthrene	3330	3180	96	48 - 108	
Phenol	3330	2570	77	54 - 115	
Pyrene	3330	3310	99	49 - 116	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91	10 - 120
2-Fluorobiphenyl	97	40 - 109
2-Fluorophenol (Surr)	75	37 - 125
Nitrobenzene-d5 (Surr)	86	38 - 105
Phenol-d5 (Surr)	75	41 - 118
Terphenyl-d14 (Surr)	99	16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279647

Method: 8270D
Preparation: 3546

Lab Sample ID:	LCS 460-279647/3-A	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8299.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 0435	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	6670	6180	93	30 - 100	
Benzaldehyde	6670	5400	81	10 - 160	
Caprolactam	6670	5690	85	10 - 127	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	75	10 - 120
2-Fluorobiphenyl	92	40 - 109
2-Fluorophenol (Surr)	74	37 - 125
Nitrobenzene-d5 (Surr)	84	38 - 105
Phenol-d5 (Surr)	72	41 - 118
Terphenyl-d14 (Surr)	108	16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279647

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-89956-11	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8319.D
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0441 g
Analysis Date:	02/05/2015 1330			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89956-11	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8320.D
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	02/05/2015 1355			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	65	65	50 - 105	0	30		
1,2,4,5-Tetrachlorobenzene	65	65	70 - 130	0	30	*	*
2,2'-oxybis[1-chloropropane]	55	57	45 - 102	4	30		
2,3,4,6-Tetrachlorophenol	9	10	70 - 130	10	30	J *	J *
2,4,5-Trichlorophenol	25	23	50 - 115	8	30	*	*
2,4,6-Trichlorophenol	21	21	53 - 118	3	30	*	*
2,4-Dichlorophenol	37	34	58 - 115	8	30	*	*
2,4-Dimethylphenol	56	54	56 - 112	4	30		*
2,4-Dinitrophenol	0	0	10 - 129	NC	30	U *	U *
2,4-Dinitrotoluene	71	71	53 - 110	1	30		
2,6-Dinitrotoluene	74	71	51 - 115	5	30		
2-Chloronaphthalene	66	65	51 - 102	2	30		
2-Chlorophenol	39	39	56 - 110	0	30	*	*
2-Methylnaphthalene	62	61	51 - 98	0	30		
2-Methylphenol	51	51	54 - 117	0	30	*	*
2-Nitroaniline	69	67	51 - 109	3	30		
2-Nitrophenol	18	21	55 - 101	15	30	J *	*
3,3'-Dichlorobenzidine	62	57	24 - 105	9	30		
3-Nitroaniline	67	68	32 - 104	1	30		
4,6-Dinitro-2-methylphenol	4	4	10 - 110	5	30	J *	J *
4-Bromophenyl phenyl ether	70	69	44 - 102	1	30	*	*
4-Chloro-3-methylphenol	50	49	55 - 117	2	30	*	*
4-Chloroaniline	51	48	10 - 96	5	30		
4-Chlorophenyl phenyl ether	69	66	50 - 106	4	30		
4-Methylphenol	50	50	47 - 103	0	30		
4-Nitroaniline	72	66	45 - 106	8	30		
4-Nitrophenol	25	23	45 - 114	10	30	*	*
Acenaphthene	58	57	46 - 100	1	30		
Acenaphthylene	65	64	51 - 103	1	30		
Acetophenone	58	57	40 - 95	1	30		
Anthracene	69	68	50 - 107	1	30		
Atrazine	81	78	30 - 100	3	30		

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279647

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-89956-11	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8319.D
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0441 g
Analysis Date:	02/05/2015 1330			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89956-11	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8320.D
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	02/05/2015 1355			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	38	37	10 - 160	4	30		
Benzo[a]anthracene	68	80	46 - 112	13	30		
Benzo[a]pyrene	71	82	36 - 89	12	30	*	*
Benzo[b]fluoranthene	64	74	33 - 96	12	30	*	*
Benzo[g,h,i]perylene	78	77	43 - 106	2	30	*	*
Benzo[k]fluoranthene	65	71	35 - 115	8	30	*	*
Bis(2-chloroethoxy)methane	61	59	51 - 100	3	30		
Bis(2-chloroethyl)ether	60	59	44 - 101	2	30		
Bis(2-ethylhexyl) phthalate	66	64	49 - 119	3	30		
Butyl benzyl phthalate	63	58	49 - 117	9	30		
Caprolactam	62	56	10 - 127	9	30		
Carbazole	71	68	49 - 104	4	30		
Chrysene	69	81	45 - 114	14	30		
Dibenz(a,h)anthracene	76	72	43 - 107	6	30	*	*
Dibenzofuran	64	63	52 - 106	0	30		
Diethyl phthalate	74	71	52 - 114	4	30		
Dimethyl phthalate	71	70	52 - 112	1	30		
Di-n-butyl phthalate	76	73	50 - 108	4	30		
Di-n-octyl phthalate	51	46	40 - 106	9	30	*	*
Fluoranthene	77	107	49 - 108	24	30		
Fluorene	66	66	51 - 108	0	30		
Hexachlorobenzene	73	69	43 - 104	6	30	*	*
Hexachlorobutadiene	63	64	45 - 98	2	30		
Hexachlorocyclopentadiene	28	26	24 - 98	7	30		
Hexachloroethane	55	54	45 - 90	1	30		
Indeno[1,2,3-cd]pyrene	82	87	43 - 109	5	30	*	*
Isophorone	32	6	48 - 97	19	30	*	*
Naphthalene	60	59	53 - 94	0	30		
Nitrobenzene	59	59	42 - 106	1	30		
N-Nitrosodi-n-propylamine	61	63	42 - 107	3	30		
N-Nitrosodiphenylamine	75	72	49 - 106	4	30	*	*
Pentachlorophenol	4	4	19 - 113	9	30	J *	J *

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279647

Method: 8270D
Preparation: 3546

MS Lab Sample ID:	460-89956-11	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8319.D
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0441 g
Analysis Date:	02/05/2015 1330			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-89956-11	Analysis Batch:	460-279740	Instrument ID:	CBNAMS11
Client Matrix:	Solid	Prep Batch:	460-279647	Lab File ID:	z8320.D
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	02/05/2015 1355			Final Weight/Volume:	1 mL
Prep Date:	02/04/2015 1432			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	71	88	48 - 108	16	30		
Phenol	45	46	54 - 115	1	30	*	*
Pyrene	57	74	49 - 116	19	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	26	21	10 - 120
2-Fluorobiphenyl	67	66	40 - 109
2-Fluorophenol (Surr)	42	37	37 - 125
Nitrobenzene-d5 (Surr)	61	59	38 - 105
Phenol-d5 (Surr)	50	47	41 - 118
Terphenyl-d14 (Surr)	59	52	16 - 151

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	MB 460-279495/1-A	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499548.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 1625	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Aldrin	6.7	U	1.4	6.7
alpha-BHC	2.0	U	1.5	2.0
beta-BHC	2.0	U	1.6	2.0
Chlordane (technical)	67	U	19	67
delta-BHC	2.0	U	1.2	2.0
Dieldrin	2.0	U	1.2	2.0
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
gamma-BHC (Lindane)	2.0	U	1.2	2.0
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	133	76 - 149
Tetrachloro-m-xylene	108	72 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	76 - 149
Tetrachloro-m-xylene	108	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	MB 460-279495/1-ARA	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499608.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 1151	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Aldrin	6.7	U	1.4	6.7
alpha-BHC	2.0	U	1.5	2.0
beta-BHC	2.0	U	1.6	2.0
Chlordane (technical)	67	U	19	67
delta-BHC	2.0	U	1.2	2.0
Dieldrin	2.0	U	1.2	2.0
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
gamma-BHC (Lindane)	2.0	U	1.2	2.0
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	132	76 - 149
Tetrachloro-m-xylene	123	72 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	76 - 149
Tetrachloro-m-xylene	106	72 - 136

Lab Control Sample - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-A	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499549.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 1636	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	133	158	118	50 - 131	
4,4'-DDE	133	165	124	49 - 130	
4,4'-DDT	133	152	114	48 - 132	
Aldrin	133	156	117	53 - 126	
alpha-BHC	133	159	120	50 - 129	
beta-BHC	133	157	118	51 - 131	
delta-BHC	133	166	125	40 - 130	
Dieldrin	133	157	117	48 - 126	
Endosulfan I	133	154	115	53 - 127	
Endosulfan II	133	148	111	52 - 127	
Endosulfan sulfate	133	147	110	52 - 124	
Endrin	133	145	109	48 - 126	
Endrin aldehyde	133	147	110	57 - 124	
Endrin ketone	133	156	117	55 - 124	
gamma-BHC (Lindane)	133	168	126	52 - 129	
Heptachlor	133	147	110	52 - 128	
Heptachlor epoxide	133	147	110	53 - 122	
Methoxychlor	133	139	104	47 - 126	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	137	76 - 149
Tetrachloro-m-xylene	120	72 - 136

Lab Control Sample - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-A	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499549.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 1636	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	133	155	116	50 - 131	
4,4'-DDE	133	157	118	49 - 130	
4,4'-DDT	133	146	110	48 - 132	
Aldrin	133	155	116	53 - 126	
alpha-BHC	133	158	119	50 - 129	
beta-BHC	133	137	103	51 - 131	

Lab Control Sample - Batch: 460-279495 **Method: 8081B**
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-A	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499549.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 1636	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
delta-BHC	133	162	122	40 - 130	
Dieldrin	133	148	111	48 - 126	
Endosulfan I	133	150	113	53 - 127	
Endosulfan II	133	145	108	52 - 127	
Endosulfan sulfate	133	146	110	52 - 124	
Endrin	133	140	105	48 - 126	
Endrin aldehyde	133	140	105	57 - 124	
Endrin ketone	133	148	111	55 - 124	
gamma-BHC (Lindane)	133	165	124	52 - 129	
Heptachlor	133	142	106	52 - 128	
Heptachlor epoxide	133	142	106	53 - 122	
Methoxychlor	133	136	102	47 - 126	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	76 - 149
Tetrachloro-m-xylene	119	72 - 136

Lab Control Sample - Batch: 460-279495 **Method: 8081B**
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-ARA	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 1051	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	133	174	130	50 - 131	
4,4'-DDE	133	173	129	49 - 130	
4,4'-DDT	133	153	115	48 - 132	
Aldrin	133	163	122	53 - 126	
alpha-BHC	133	171	128	50 - 129	
beta-BHC	133	168	126	51 - 131	
delta-BHC	133	172	129	40 - 130	
Dieldrin	133	167	125	48 - 126	
Endosulfan I	133	162	121	53 - 127	
Endosulfan II	133	157	117	52 - 127	
Endosulfan sulfate	133	154	115	52 - 124	
Endrin	133	153	115	48 - 126	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-ARA	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 1051	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin aldehyde	133	155	116	57 - 124	
Endrin ketone	133	163	122	55 - 124	
gamma-BHC (Lindane)	133	172	129	52 - 129	
Heptachlor	133	151	113	52 - 128	
Heptachlor epoxide	133	155	117	53 - 122	
Methoxychlor	133	147	110	47 - 126	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	134	76 - 149
Tetrachloro-m-xylene	123	72 - 136

Lab Control Sample - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-ARA	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 1051	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	133	165	124	50 - 131	
4,4'-DDE	133	158	118	49 - 130	
4,4'-DDT	133	146	110	48 - 132	
Aldrin	133	150	113	53 - 126	
alpha-BHC	133	167	125	50 - 129	
beta-BHC	133	131	98	51 - 131	
delta-BHC	133	158	119	40 - 130	
Dieldrin	133	151	113	48 - 126	
Endosulfan I	133	151	113	53 - 127	
Endosulfan II	133	148	111	52 - 127	
Endosulfan sulfate	133	146	110	52 - 124	
Endrin	133	141	106	48 - 126	
Endrin aldehyde	133	145	109	57 - 124	
Endrin ketone	133	147	110	55 - 124	
gamma-BHC (Lindane)	133	172	129	52 - 129	
Heptachlor	133	135	102	52 - 128	
Heptachlor epoxide	133	140	105	53 - 122	
Methoxychlor	133	134	101	47 - 126	

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279495

Method: 8081B
Preparation: 3546

Lab Sample ID:	LCS 460-279495/2-ARA	Analysis Batch:	460-279868	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499603.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/05/2015 1051	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118	Run Type:	RA	Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	127	76 - 149
Tetrachloro-m-xylene	121	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279495

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-89772-A-17-A MS	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0420 g
Analysis Date:	02/04/2015 1648			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-89772-A-17-B MSD	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499551.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0418 g
Analysis Date:	02/04/2015 1659			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	102	111	69 - 150	8	30		
4,4'-DDE	108	117	70 - 147	8	30		
4,4'-DDT	101	107	63 - 146	6	30		
Aldrin	100	106	69 - 138	6	30		
alpha-BHC	105	112	68 - 133	7	30		
beta-BHC	100	107	67 - 137	7	30		
delta-BHC	107	114	65 - 141	6	30		
Dieldrin	100	107	63 - 129	7	30		
Endosulfan I	98	106	69 - 140	8	30		
Endosulfan II	95	102	66 - 136	7	30		
Endosulfan sulfate	94	101	65 - 137	7	30		
Endrin	95	102	67 - 142	7	30		
Endrin aldehyde	99	106	67 - 134	7	30		
Endrin ketone	101	108	68 - 146	7	30		
gamma-BHC (Lindane)	110	114	68 - 134	3	30		
Heptachlor	96	102	67 - 136	6	30		
Heptachlor epoxide	95	102	68 - 136	7	30		
Methoxychlor	93	99	52 - 150	7	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	117	120	76 - 149
Tetrachloro-m-xylene	104	112	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279495

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-89772-A-17-A MS	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499550.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0420 g
Analysis Date:	02/04/2015 1648			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-89772-A-17-B MSD	Analysis Batch:	460-279670	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279495	Lab File ID:	VR499551.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0418 g
Analysis Date:	02/04/2015 1659			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0118			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	101	109	69 - 150	7	30		
4,4'-DDE	99	110	70 - 147	10	30		
4,4'-DDT	96	103	63 - 146	8	30		
Aldrin	99	106	69 - 138	7	30		
alpha-BHC	102	107	68 - 133	5	30		
beta-BHC	87	97	67 - 137	11	30		
delta-BHC	105	111	65 - 141	6	30		
Dieldrin	93	102	63 - 129	10	30		
Endosulfan I	95	104	69 - 140	10	30		
Endosulfan II	95	101	66 - 136	6	30		
Endosulfan sulfate	94	98	65 - 137	4	30		
Endrin	92	99	67 - 142	7	30		
Endrin aldehyde	95	100	67 - 134	5	30		
Endrin ketone	97	100	68 - 146	3	30		
gamma-BHC (Lindane)	106	111	68 - 134	5	30		
Heptachlor	93	97	67 - 136	4	30		
Heptachlor epoxide	90	97	68 - 136	8	30		
Methoxychlor	89	93	52 - 150	5	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	114	118	76 - 149
Tetrachloro-m-xylene	100	109	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279593

Method: 8081B
Preparation: 3546

Lab Sample ID:	MB 460-279593/1-B	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279593	Lab File ID:	VR499589.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0019 g
Analysis Date:	02/05/2015 0155	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1027			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
4,4'-DDT	6.7	U	1.6	6.7
Aldrin	6.7	U	1.4	6.7
alpha-BHC	2.0	U	1.5	2.0
beta-BHC	2.0	U	1.6	2.0
Chlordane (technical)	67	U	19	67
delta-BHC	2.0	U	1.2	2.0
Dieldrin	2.0	U	1.2	2.0
Endosulfan I	6.7	U	1.5	6.7
Endosulfan II	6.7	U	1.3	6.7
Endosulfan sulfate	6.7	U	1.3	6.7
Endrin	6.7	U	1.6	6.7
Endrin aldehyde	6.7	U	1.0	6.7
Endrin ketone	6.7	U	1.3	6.7
gamma-BHC (Lindane)	2.0	U	1.2	2.0
Heptachlor	6.7	U	1.6	6.7
Heptachlor epoxide	6.7	U	1.5	6.7
Methoxychlor	6.7	U	1.6	6.7
Toxaphene	67	U	18	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	144	76 - 149
Tetrachloro-m-xylene	124	72 - 136

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	142	76 - 149
Tetrachloro-m-xylene	117	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279593

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-89956-17	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279593	Lab File ID:	VR499591.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0211 g
Analysis Date:	02/05/2015 0218			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1027			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-89956-17	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279593	Lab File ID:	VR499592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0528 g
Analysis Date:	02/05/2015 0230			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1027			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	100	109	69 - 150	8	30		
4,4'-DDE	104	112	70 - 147	7	30		
4,4'-DDT	98	102	63 - 146	4	30		
Aldrin	96	105	69 - 138	8	30		
alpha-BHC	99	107	68 - 133	8	30		
beta-BHC	104	111	67 - 137	6	30		
delta-BHC	103	112	65 - 141	8	30		
Dieldrin	97	106	63 - 129	8	30		
Endosulfan I	94	103	69 - 140	8	30		
Endosulfan II	94	101	66 - 136	7	30		
Endosulfan sulfate	94	99	65 - 137	6	30		
Endrin	95	102	67 - 142	7	30		
Endrin aldehyde	73	80	67 - 134	9	30		
Endrin ketone	94	102	68 - 146	8	30		
gamma-BHC (Lindane)	109	118	68 - 134	8	30		
Heptachlor	97	104	67 - 136	7	30		
Heptachlor epoxide	93	100	68 - 136	8	30		
Methoxychlor	101	104	52 - 150	3	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	94	104	76 - 149
Tetrachloro-m-xylene	97	107	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279593

Method: 8081B
Preparation: 3546

MS Lab Sample ID:	460-89956-17	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279593	Lab File ID:	VR499591.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0211 g
Analysis Date:	02/05/2015 0218			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1027			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-89956-17	Analysis Batch:	460-279728	Instrument ID:	CPESTGC9
Client Matrix:	Solid	Prep Batch:	460-279593	Lab File ID:	VR499592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0528 g
Analysis Date:	02/05/2015 0230			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1027			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	93	102	69 - 150	9	30		
4,4'-DDE	92	101	70 - 147	8	30		
4,4'-DDT	91	97	63 - 146	6	30		
Aldrin	84	94	69 - 138	11	30		
alpha-BHC	95	105	68 - 133	9	30		
beta-BHC	72	76	67 - 137	6	30		
delta-BHC	96	105	65 - 141	9	30		
Dieldrin	87	96	63 - 129	9	30		
Endosulfan I	87	96	69 - 140	10	30		
Endosulfan II	83	93	66 - 136	11	30		
Endosulfan sulfate	82	88	65 - 137	8	30		
Endrin	84	92	67 - 142	9	30		
Endrin aldehyde	60	67	67 - 134	11	30	*	
Endrin ketone	82	94	68 - 146	13	30		
gamma-BHC (Lindane)	105	112	68 - 134	6	30		
Heptachlor	85	92	67 - 136	8	30		
Heptachlor epoxide	85	93	68 - 136	8	30		
Methoxychlor	82	88	52 - 150	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	92	76 - 149
Tetrachloro-m-xylene	89	98	72 - 136

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279497

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-279497/1-A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226930.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 1950	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	15	67
Aroclor 1221	67	U	15	67
Aroclor 1232	67	U	15	67
Aroclor 1242	67	U	15	67
Aroclor 1248	67	U	15	67
Aroclor 1254	67	U	19	67
Aroclor 1260	67	U	19	67
Aroclor-1262	67	U	19	67
Aroclor 1268	67	U	19	67
Polychlorinated biphenyls, Total	67	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	140	53 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	137	53 - 150

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279497

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-279497/2-A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226931.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 2006	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	412	124	64 - 145	
Aroclor 1260	333	451	135	59 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	138	53 - 150

Lab Control Sample - Batch: 460-279497

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-279497/2-A	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226931.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	02/04/2015 2006	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	385	115	64 - 145	
Aroclor 1260	333	436	131	59 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	135	53 - 150

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279497

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-89956-5	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226932.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0230 g
Analysis Date:	02/04/2015 2022			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-89956-5	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226933.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0228 g
Analysis Date:	02/04/2015 2038			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	130	134	64 - 145	4	30		
Aroclor 1260	142	147	59 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	140	145	53 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279497

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-89956-5	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226932.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0230 g
Analysis Date:	02/04/2015 2022			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-89956-5	Analysis Batch:	460-279667	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279497	Lab File ID:	OR226933.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0228 g
Analysis Date:	02/04/2015 2038			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 0157			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	126	132	64 - 145	1	30		
Aroclor 1260	152	142	59 - 150	0	30	*	

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	137	142	53 - 150

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279594

Method: 8082A
Preparation: 3546

Lab Sample ID:	MB 460-279594/1-A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226955.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0043 g
Analysis Date:	02/05/2015 0326	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	67	U	15	67
Aroclor 1221	67	U	15	67
Aroclor 1232	67	U	15	67
Aroclor 1242	67	U	15	67
Aroclor 1248	67	U	15	67
Aroclor 1254	67	U	19	67
Aroclor 1260	67	U	19	67
Aroclor-1262	67	U	19	67
Aroclor 1268	67	U	19	67
Polychlorinated biphenyls, Total	67	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	133	53 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	133	53 - 150

Client: FPM Group Limited

Job Number: 460-89956-1

Lab Control Sample - Batch: 460-279594

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-279594/2-A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226956.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0090 g
Analysis Date:	02/05/2015 0342	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	374	112	64 - 145	
Aroclor 1260	333	400	120	59 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	118	53 - 150

Lab Control Sample - Batch: 460-279594

Method: 8082A
Preparation: 3546

Lab Sample ID:	LCS 460-279594/2-A	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226956.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0090 g
Analysis Date:	02/05/2015 0342	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor 1016	333	368	111	64 - 145	
Aroclor 1260	333	383	115	59 - 150	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	117	53 - 150

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279594

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-89956-19	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0335 g
Analysis Date:	02/05/2015 0358			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-89956-19	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0494 g
Analysis Date:	02/05/2015 0415			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	105	111	64 - 145	6	30		
Aroclor 1260	111	119	59 - 150	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	119	53 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-279594

Method: 8082A
Preparation: 3546

MS Lab Sample ID:	460-89956-19	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226957.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0335 g
Analysis Date:	02/05/2015 0358			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-89956-19	Analysis Batch:	460-279780	Instrument ID:	CPESTGC7
Client Matrix:	Solid	Prep Batch:	460-279594	Lab File ID:	OR226958.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0494 g
Analysis Date:	02/05/2015 0415			Final Weight/Volume:	10 mL
Prep Date:	02/04/2015 1029			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor 1016	103	109	64 - 145	6	30		
Aroclor 1260	104	113	59 - 150	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	113	119	53 - 150

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 460-279529/1-A ^2	Analysis Batch:	460-279664	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/04/2015 1414	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	1.0	U	0.19	1.0
Aluminum	20.0	U	11.1	20.0
Arsenic	1.5	U	0.41	1.5
Barium	20.0	U	0.87	20.0
Beryllium	0.20	U	0.14	0.20
Calcium	500	U	38.3	500
Cadmium	0.40	U	0.14	0.40
Cobalt	5.0	U	0.45	5.0
Chromium	1.0	U	0.40	1.0
Copper	2.5	U	0.88	2.5
Iron	15.0	U	12.5	15.0
Potassium	500	U	13.8	500
Magnesium	500	U	33.2	500
Manganese	1.5	U	0.43	1.5
Sodium	500	U	37.8	500
Nickel	4.0	U	0.90	4.0
Lead	1.0	U	0.41	1.0
Antimony	2.0	U	0.76	2.0
Selenium	2.0	U	0.57	2.0
Vanadium	5.0	U	0.41	5.0
Zinc	3.0	U	0.86	3.0

Method Blank - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 460-279529/1-A ^2	Analysis Batch:	460-280199	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/06/2015 1105	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Thallium	2.0	U	0.98	2.0

Client: FPM Group Limited

Job Number: 460-89956-1

LCS-Certified Reference Material - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCSSRM 460-279529/2-A	Analysis Batch:	460-279664	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/04/2015 1418	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	40.2	39.62	98.6	74.9 - 125.4	
Aluminum	7460	7086	95.0	47.1 - 152.8	
Arsenic	139	137.4	98.9	78.4 - 121.6	
Barium	203	218.0	107.4	82.8 - 117.7	
Beryllium	96.1	98.06	102.0	82.8 - 117.6	
Calcium	6040	5964	98.7	80.6 - 119.4	
Cadmium	96.0	102.9	107.2	81.7 - 117.7	
Cobalt	148	161.7	109.2	83.1 - 116.9	
Chromium	136	140.0	103.0	78.7 - 120.6	
Copper	168	164.3	97.8	81.5 - 118.5	
Iron	14100	13970	99.1	43.0 - 156.7	
Potassium	2540	2344	92.3	68.9 - 131.1	
Magnesium	2800	2686	95.9	75.4 - 125.0	
Manganese	297	324.8	109.4	80.5 - 119.2	
Sodium	761	699.2	91.9	70.3 - 129.6	J
Nickel	123	135.6	110.2	82.1 - 118.7	
Lead	133	143.5	107.9	82.0 - 118.8	
Antimony	88.8	65.26	73.5	0.0 - 209.5	
Selenium	177	174.5	98.6	77.4 - 122.6	
Vanadium	107	109.0	101.9	76.6 - 123.4	
Zinc	189	206.8	109.4	81.5 - 118.5	

LCS-Certified Reference Material - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCSSRM 460-279529/2-A	Analysis Batch:	460-280199	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/06/2015 1109	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Thallium	138	159.1	115.3	78.3 - 121.7	

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-89956-14	Analysis Batch:	460-279664	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	02/04/2015 1433	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	2.1	U	5.31	4.95	93	75 - 125	
Aluminum	1890		212	2285	188	75 - 125	4
Arsenic	3.2	U	212	200.8	95	75 - 125	
Barium	7.9	J	212	228.2	104	75 - 125	
Beryllium	0.42	U	5.31	5.23	99	75 - 125	
Calcium	18300		2120	21320	144	75 - 125	4
Cadmium	0.85	U	5.31	5.28	100	75 - 125	
Cobalt	2.1	J	53.1	56.22	102	75 - 125	
Chromium	4.0		21.2	24.63	97	75 - 125	
Copper	7.6		26.5	32.63	94	75 - 125	
Iron	3880		106	4011	120	75 - 125	4
Potassium	391	J	2120	2255	88	75 - 125	
Magnesium	11200		2120	13650	114	75 - 125	4
Manganese	106		53.1	154.9	92	75 - 125	
Sodium	1060	U	2120	2050	97	75 - 125	
Nickel	5.0	J	53.1	60.13	104	75 - 125	
Lead	1.9	J	53.1	56.82	103	75 - 125	
Antimony	4.2	U	53.1	45.67	86	75 - 125	
Selenium	4.2	U	212	199.1	94	75 - 125	
Vanadium	5.5	J	53.1	58.03	99	75 - 125	
Zinc	10.7		53.1	64.86	102	75 - 125	

Matrix Spike - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-89956-14	Analysis Batch:	460-280199	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	02/06/2015 1123	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Thallium	4.2	U	212	221.7	104	75 - 125	

Client: FPM Group Limited

Job Number: 460-89956-1

Duplicate - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-89956-14	Analysis Batch:	460-279664	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	279529.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	02/04/2015 1422	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	2.1	U	2.1	NC	20	U
Aluminum	1890		1894	0.4	20	
Arsenic	3.2	U	3.2	NC	20	U
Barium	7.9	J	7.86	0.05	20	J
Beryllium	0.42	U	0.42	NC	20	U
Calcium	18300		18310	0.2	20	
Cadmium	0.85	U	0.85	NC	20	U
Cobalt	2.1	J	2.05	1	20	J
Chromium	4.0		3.98	0.4	20	
Copper	7.6		7.65	0.2	20	
Iron	3880		3890	0.2	20	
Potassium	391	J	390.0	0.3	20	J
Magnesium	11200		11260	0.3	20	
Manganese	106		106.0	0.1	20	
Sodium	1060	U	1060	NC	20	U
Nickel	5.0	J	5.17	3	20	J
Lead	1.9	J	1.84	5	20	J
Antimony	4.2	U	4.2	NC	20	U
Selenium	4.2	U	4.2	NC	20	U
Vanadium	5.5	J	5.54	0.3	20	J
Zinc	10.7		10.77	0.5	20	

Duplicate - Batch: 460-279529

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-89956-14	Analysis Batch:	460-280199	Instrument ID:	ICP4
Client Matrix:	Solid	Prep Batch:	460-279529	Lab File ID:	280006.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.03 g
Analysis Date:	02/06/2015 1112	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/04/2015 0600				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Thallium	4.2	U	4.2	NC	20	U

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279787

Method: 6010C
Preparation: 3050B

Lab Sample ID:	MB 460-279787/1-A ^2	Analysis Batch:	460-279947	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	2.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/05/2015 1342	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	1.0	U	0.19	1.0
Aluminum	20.0	U	11.1	20.0
Arsenic	1.5	U	0.41	1.5
Barium	20.0	U	0.87	20.0
Beryllium	0.20	U	0.14	0.20
Calcium	500	U	38.3	500
Cadmium	0.40	U	0.14	0.40
Cobalt	5.0	U	0.45	5.0
Chromium	1.0	U	0.40	1.0
Copper	2.5	U	0.88	2.5
Iron	15.0	U	12.5	15.0
Potassium	500	U	13.8	500
Magnesium	500	U	33.2	500
Manganese	1.5	U	0.43	1.5
Sodium	500	U	37.8	500
Nickel	4.0	U	0.90	4.0
Lead	1.0	U	0.41	1.0
Antimony	2.0	U	0.76	2.0
Selenium	2.0	U	0.57	2.0
Thallium	2.0	U	0.98	2.0
Vanadium	5.0	U	0.41	5.0
Zinc	3.0	U	0.86	3.0

Client: FPM Group Limited

Job Number: 460-89956-1

LCS-Certified Reference Material - Batch: 460-279787

Method: 6010C
Preparation: 3050B

Lab Sample ID:	LCSSRM 460-279787/2-A ^4	Analysis Batch:	460-279947	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	02/05/2015 1346	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	40.2	36.60	91.0	74.9 - 125.4	
Aluminum	7460	6678	89.5	47.1 - 152.8	
Arsenic	139	127.8	92.0	78.4 - 121.6	
Barium	203	210.4	103.6	82.8 - 117.7	
Beryllium	96.1	93.28	97.1	82.8 - 117.6	
Calcium	6040	5630	93.2	80.6 - 119.4	
Cadmium	96.0	95.64	99.6	81.7 - 117.7	
Cobalt	148	149.8	101.2	83.1 - 116.9	
Chromium	136	133.0	97.8	78.7 - 120.6	
Copper	168	159.8	95.1	81.5 - 118.5	
Iron	14100	13180	93.5	43.0 - 156.7	
Potassium	2540	2290	90.2	68.9 - 131.1	
Magnesium	2800	2550	91.1	75.4 - 125.0	
Manganese	297	290.8	97.9	80.5 - 119.2	
Sodium	761	722.8	95.0	70.3 - 129.6	J
Nickel	123	126.0	102.5	82.1 - 118.7	
Lead	133	132.7	99.8	82.0 - 118.8	
Antimony	88.8	59.78	67.3	0.0 - 209.5	
Selenium	177	165.8	93.7	77.4 - 122.6	
Thallium	138	149.0	107.9	78.3 - 121.7	
Vanadium	107	103.3	96.5	76.6 - 123.4	
Zinc	189	184.7	97.7	81.5 - 118.5	

Client: FPM Group Limited

Job Number: 460-89956-1

Matrix Spike - Batch: 460-279787

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-89956-15	Analysis Batch:	460-279947	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	02/05/2015 1317	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	2.1	U	5.31	4.78	90	75 - 125	
Aluminum	4640		212	5182	255	75 - 125	4
Arsenic	1.2	J	212	196.5	92	75 - 125	
Barium	33.8	J	212	250.6	102	75 - 125	
Beryllium	0.42	U	5.31	5.02	95	75 - 125	
Calcium	7240		2120	8504	59	75 - 125	N
Cadmium	0.85	U	5.31	5.19	98	75 - 125	
Cobalt	5.5	J	53.1	58.98	101	75 - 125	
Chromium	10.8		21.2	33.15	105	75 - 125	
Copper	22.4		26.5	43.60	80	75 - 125	
Iron	10300		106	10850	538	75 - 125	4
Potassium	1630		2120	3653	95	75 - 125	
Magnesium	6300		2120	8164	88	75 - 125	
Manganese	140		53.1	217.3	146	75 - 125	N
Sodium	149	J	2120	2158	95	75 - 125	
Nickel	11.8		53.1	66.12	102	75 - 125	
Lead	4.6		53.1	59.30	103	75 - 125	
Antimony	4.2	U	53.1	39.40	74	75 - 125	N
Selenium	4.2	U	212	198.5	93	75 - 125	
Thallium	4.2	U	212	219.0	103	75 - 125	
Vanadium	18.4		53.1	73.57	104	75 - 125	
Zinc	29.1		53.1	82.04	100	75 - 125	

Client: FPM Group Limited

Job Number: 460-89956-1

Duplicate - Batch: 460-279787

Method: 6010C
Preparation: 3050B

Lab Sample ID:	460-89956-15	Analysis Batch:	460-279947	Instrument ID:	ICP5
Client Matrix:	Solid	Prep Batch:	460-279787	Lab File ID:	02052015A.asc
Dilution:	4.0	Leach Batch:	N/A	Initial Weight/Volume:	1.02 g
Analysis Date:	02/05/2015 1306	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0450				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	2.1	U	2.1	NC	20	U
Aluminum	4640		4794	3	20	
Arsenic	1.2	J	1.13	6	20	J
Barium	33.8	J	34.05	0.6	20	J
Beryllium	0.42	U	0.42	NC	20	U
Calcium	7240		7487	3	20	
Cadmium	0.85	U	0.85	NC	20	U
Cobalt	5.5	J	5.63	1	20	J
Chromium	10.8		11.48	6	20	
Copper	22.4		17.70	23	20	
Iron	10300		10460	2	20	
Potassium	1630		1682	3	20	
Magnesium	6300		6679	6	20	
Manganese	140		144.4	3	20	
Sodium	149	J	144.2	3	20	J
Nickel	11.8		11.97	2	20	
Lead	4.6		4.64	2	20	
Antimony	4.2	U	4.2	NC	20	U
Selenium	4.2	U	4.2	NC	20	U
Thallium	4.2	U	4.2	NC	20	U
Vanadium	18.4		19.04	4	20	
Zinc	29.1		27.61	5	20	

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279282

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 460-279282/10-A	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	02/03/2015 1054	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.012	0.017

LCS-Certified Reference Material - Batch: 460-279282

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCSSRM 460-279282/11-A	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	02/03/2015 1056	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.9	12.65	98.1	72.9 - 127.1	

Matrix Spike - Batch: 460-279282

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-89956-12	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.64 g
Analysis Date:	02/03/2015 1102	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.018	U	0.0886	0.0966	109	80 - 120	

Client: FPM Group Limited

Job Number: 460-89956-1

Duplicate - Batch: 460-279282

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-89956-12	Analysis Batch:	460-279383	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279282	Lab File ID:	279273HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.64 g
Analysis Date:	02/03/2015 1100	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/03/2015 0525				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.018	U	0.018	NC	20	U

Client: FPM Group Limited

Job Number: 460-89956-1

Method Blank - Batch: 460-279800

Method: 7471B
Preparation: 7471B

Lab Sample ID:	MB 460-279800/10-A	Analysis Batch:	460-279898	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279800	Lab File ID:	279800HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	02/05/2015 0955	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0520				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.017	U	0.012	0.017

LCS-Certified Reference Material - Batch: 460-279800

Method: 7471B
Preparation: 7471B

Lab Sample ID:	LCSSRM 460-279800/11-A	Analysis Batch:	460-279898	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279800	Lab File ID:	279800HG1.PRN
Dilution:	20	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	02/05/2015 0957	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0520				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	12.9	12.28	95.2	72.9 - 127.1	

Matrix Spike - Batch: 460-279800

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-89767-E-3-E MS	Analysis Batch:	460-279898	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279800	Lab File ID:	279800HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.64 g
Analysis Date:	02/05/2015 1004	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0520				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.021	U	0.103	0.111	108	80 - 120	

Client: FPM Group Limited

Job Number: 460-89956-1

Duplicate - Batch: 460-279800

Method: 7471B
Preparation: 7471B

Lab Sample ID:	460-89767-E-3-D DU	Analysis Batch:	460-279898	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-279800	Lab File ID:	279800HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.64 g
Analysis Date:	02/05/2015 1002	Units:	mg/Kg	Final Weight/Volume:	50 mL
Prep Date:	02/05/2015 0520				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.021	U	0.021	NC	20	U

Client: FPM Group Limited

Job Number: 460-89956-1

Duplicate - Batch: 460-279345

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-89956-12	Analysis Batch:	460-279345	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	02/03/2015 0902	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	11.8	9.5	22	20	*
Percent Solids	88.2	90.5	3	20	

Client: FPM Group Limited

Job Number: 460-89956-1

Duplicate - Batch: 460-279354

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-89962-D-17 DU	Analysis Batch:	460-279354	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	02/03/2015 0927	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	36.4	38.2	5	20	
Percent Solids	63.6	61.8	3	20	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

460-89956 Chain of Custody

CHAIN OF CUSTO

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
George Holmes	George Holmes	126th St
Company: FPM Group	P. O. #: 492-15-143	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: Reporting Batch QA/QC
Address: 909 Marconi Avenue	Analysis Turnaround Time: Standard ☒	
City: Ronkonkoma State: NY 11779	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: (631) 737-6200 Fax: (631) 737-2410		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

LAB USE ONLY
Project No:
Job No: 89956

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC's 8260	SVOC's 8270	PCB's 8082	Pesticides 8081	TAL Metals	Sample Numbers
SB-1 (0-2)	1/31/15	15:10	S	5	X	X	X	X	X	-1
SB-1 (11-13)		15:20								-2
SB-5 (0-2)		15:40								-3
SB-5 (11-13)		15:50								-4
SB-9 (0-2)		14:00								-5
SB-9 (11-13)		14:10								-6
SB-2 (0-2)		14:30								-7
SB-2 (11-13)		14:40								-8
SB-10 (0-2)		11:10								-9
SB-10 (11-13)	↓	11:20	↓	↓	↓	↓	↓	↓	↓	-10

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:	1	1	1	1	1					
Water:										

SHORT HOLD

Special Instructions Terracore samples frozen on 1/31/15 at 18:00

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	FPM	2/2/15 11:05	1)	
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
		2/2/15 15:46		TAL 2/2/15 1540
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578) 1.5 / 3.5 1.9 / 3.9 TEH for NJCL

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
George Holmes	George Holmes	126th St
Company	**P. O. #**	**State (Location of site):** NJ: ☐ NY: ☒ Other:
FPM Group	492-15-143	**Regulatory Program:** Report w/ Batch QA/QC
Address	**Analysis Turnaround Time**	**ANALYSIS REQUESTED** (ENTER "X" BELOW TO INDICATE REQUEST)
909 Marconi Avenue	Standard ☒	**LAB USE ONLY**
City / **State**	Rush Charges Authorized For:	**Project No:**
Ronkonkoma NY 11779	2 Week ☐	
Phone / **Fax**	1 Week ☐	**Job No:** 89956
(631) 737-6200 (631) 737-2410	Other ☐	

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC's 8260	SVOC's 8270	PCB's 8082	Pesticides 8081	TAL Metals	Sample Numbers
SB-3(0-2)	1/31/15	13:30	S	5	X	X	X	X	X	-11
SB-3(11-13)		13:40								-12
SB-4 (0-2)		12:40								-13
SB-4 (11-13)		12:50								-14
SB-4D(11-13)		13:00								-15
SB-7(0-2)		10:45								-16
SB-7(11-13)		11:00								-17
SB-8(0-2)		10:20								-18
SB-8(11-13)		10:30								-19
SB-6 (0-2)	↓	11:40	↓	↓	↓	↓	↓	↓	↓	-20
				Soil:	1	1	1	1	1	
				Water:						

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Special Instructions Terracore sample's frozen on 1/31/15 at 18:00 Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	FPM	2/2/15	1)	
Relinquished by 2)	Company	Date / Time 2/2/15 15:43	Received by 2)	Company TAEO 2/2/15 1540
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
George Holmes	George Holmes	126th St
Company	**P. O. #**	State (Location of site): NJ: ☐ NY: ☒ Other:
FPM Group	492-15-143	Regulatory Program: Report w/ Batch QA/QC
Address	**Analysis Turnaround Time**	
909 Marconi Avenue	Standard ☒	
City / **State**	Rush Charges Authorized For:	
Ronkonkoma NY 11779	2 Week ☐	
Phone / **Fax**	1 Week ☐	
(631) 737-6200 (631) 737-2410	Other ☐	

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC's 8260	SVOC's 8270	PCB's 8082	Pesticides 8081	TAL Metals	LAB USE ONLY Sample Numbers
SB-6 (11-13)	1/31/15	11:50	S	5	X	X	X	X	X	-21
TB0131	↓	10:00	Aq	2	X					-22

LAB USE ONLY Project No:
Job No: 89956

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:	1	1	1	1	1					
Water:	1, 2									

Special Instructions Terracore samples frozen on 1/31/15 at 18:00

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	FPM	2/2/15 1/0	1)	TAL
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
	FPM	2/2/15 15:4-		TAL 2/2/15 1540
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).
Massachusetts (M-NJ312), North Carolina (No. 578)

TAL - 0016 (0814)

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 89956

Number of Coolers: 2 IR Gun # 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	1.5 °C	3.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.9 °C	3.9 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 2/2/15

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-89956-1

Login Number: 89956

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.5°C, 3.9°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-90455-1

Job Description: 126th Street

For:
FPM Group Limited
909 Marconi Avenue
Ronkonkoma, NY 11779

Attention: George Holmes

Approved for release.
Sarah E Brown
Project Management Assistant II
2/25/2015 4:03 PM

Designee for
Melissa Haas, Project Manager I
777 New Durham Road, Edison, NJ, 08817
(203)944-1310
melissa.haas@testamericainc.com
02/25/2015

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

Job Number: 460-90455-1

Job Description: 126th Street

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Sarah E Brown
Project Management Assistant II
2/25/2015 4:03 PM

Designee for
Melissa Haas

CASE NARRATIVE

Client: FPM Group Limited

Project: 126th Street

Report Number: 460-90455-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 2/11/2015 5:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.1º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4), MW-4 (460-90455-5) and TB0210 (460-90455-6) were analyzed for Volatile organics in accordance with EPA SW-846 Methods 8260C. The samples were analyzed on 02/17/2015 and 02/18/2015.

The laboratory control sample (LCS) for batches 281717 and 281872 recovered outside control limits for the following analyte: 1,2,3-Trichlorobenzene. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

1,2,3-Trichlorobenzene failed the recovery criteria high for the MSD of sample 460-90417-2 in batch 460-281717. 1,2,3-Trichlorobenzene exceeded the RPD limit.

1,2,3-Trichlorobenzene exceeded the RPD limit for the MSD of sample 460-90272-1 in batch 460-281872.

The continuing calibration verification (CCV) associated with batch 281872 recovered outside control limits for the following analytes: Methyl acetate (biased low), 1,2,4-Trichlorobenzene, 1,2,3-Trichlorobenzene. The low level CCV was analyzed at RL and affected analytes was detected. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 281717 recovered outside control limits for the following analytes: Chloroethane (biased low), 1,2,3-Trichlorobenzene, Dichlorodifluoromethane, Methyl acetate (biased low). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

Sample MW-3 (460-90455-4)[2X] required dilution prior to analysis to bring the concentration of target analytes within the calibration range. Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the Volatile organics analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on

02/13/2015 and analyzed on 02/18/2015.

The laboratory control sample (LCS) for batch 281469 recovered outside control limits for the following analytes: Hexachlorobenzene, Caprolactam. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

3,3'-Dichlorobenzidine failed the recovery criteria low for the MS and MSD of sample 460-90460-1 in batch 460-281851. Several analytes failed the recovery criteria high for the MS and MSD.

Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained two surrogate compounds (2,4,6-Tribromophenol, Terphenyl-d14) outside limits: MW-1 (460-90455-1). The following samples contained one surrogate compound (2,4,6-Tribromophenol) outside limits: MW-3 (460-90455-4), MW-4 (460-90455-5). The following sample contained one surrogate compound (Terphenyl-d14) outside limits: 460-90460-1 MSD. These results have been reported and qualified.

The continuing calibration verification (CCV) analyzed in batch 281851 was outside the method criteria for the following analytes: 2,2'-oxybis[1-chloropropane], 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 281963 was outside the method criteria for the following analytes: N-Nitrosodi-n-propylamine, 2-Nitroaniline, 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 02/13/2015 and analyzed on 02/14/2015.

No difficulties were encountered during the pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082A. The samples were prepared on 02/13/2015 and analyzed on 02/14/2015.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

METALS

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 02/15/2015 and analyzed on 02/17/2015.

No difficulties were encountered during the Metals analysis.

All quality control parameters were within the acceptance limits.

METALS

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for Metals in accordance with EPA SW-846 6010C. The samples were prepared on 02/13/2015 and analyzed on 02/15/2015 and 02/17/2015.

Samples MW-1 (460-90455-1)[5X], MW-1D (460-90455-2)[5X], MW-2 (460-90455-3)[5X], MW-3 (460-90455-4)[5X] and MW-4 (460-90455-5)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Metals analysis.

All quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 02/17/2015.

No difficulties were encountered during the dissolved mercury analysis.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples MW-1 (460-90455-1), MW-1D (460-90455-2), MW-2 (460-90455-3), MW-3 (460-90455-4) and MW-4 (460-90455-5) were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 02/13/2015.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-90455-1	**MW-1**					
cis-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260C
Tetrachloroethene		2.0		1.0	ug/L	8260C
Trichloroethene		0.44	J	1.0	ug/L	8260C
Aluminum		603		200	ug/L	6010C
Barium		130	J	200	ug/L	6010C
Calcium		135000		5000	ug/L	6010C
Cobalt		4.2	J	50.0	ug/L	6010C
Copper		8.8	J	25.0	ug/L	6010C
Iron		1140		150	ug/L	6010C
Potassium		6990		5000	ug/L	6010C
Magnesium		53400		5000	ug/L	6010C
Manganese		514		15.0	ug/L	6010C
Sodium		302000		25000	ug/L	6010C
Zinc		11.5	J	30.0	ug/L	6010C
Dissolved						
Barium		133	J	200	ug/L	6010C
Calcium		144000		5000	ug/L	6010C
Cobalt		3.9	J	50.0	ug/L	6010C
Potassium		7240		5000	ug/L	6010C
Magnesium		55800		5000	ug/L	6010C
Manganese		449		15.0	ug/L	6010C
Sodium		299000		25000	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-90455-2	**MW-1D**					
cis-1,2-Dichloroethene		0.32	J	1.0	ug/L	8260C
Tetrachloroethene		2.0		1.0	ug/L	8260C
Trichloroethene		0.46	J	1.0	ug/L	8260C
Aluminum		830		200	ug/L	6010C
Barium		132	J	200	ug/L	6010C
Calcium		142000		5000	ug/L	6010C
Cobalt		4.6	J	50.0	ug/L	6010C
Iron		1560		150	ug/L	6010C
Potassium		6900		5000	ug/L	6010C
Magnesium		57400		5000	ug/L	6010C
Manganese		538		15.0	ug/L	6010C
Sodium		294000		25000	ug/L	6010C
Lead		5.0	J	10.0	ug/L	6010C
Zinc		13.9	J	30.0	ug/L	6010C
Dissolved						
Barium		132	J	200	ug/L	6010C
Calcium		143000		5000	ug/L	6010C
Potassium		7270		5000	ug/L	6010C
Magnesium		55400		5000	ug/L	6010C
Manganese		440		15.0	ug/L	6010C
Sodium		301000		25000	ug/L	6010C
Zinc		9.8	J	30.0	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-90455-3	**MW-2**					
Chloroform		0.87	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.4		1.0	ug/L	8260C
Tetrachloroethene		44		1.0	ug/L	8260C
Trichloroethene		2.2		1.0	ug/L	8260C
Aluminum		857		200	ug/L	6010C
Barium		133	J	200	ug/L	6010C
Calcium		140000		5000	ug/L	6010C
Cobalt		6.5	J	50.0	ug/L	6010C
Iron		2190		150	ug/L	6010C
Potassium		5360		5000	ug/L	6010C
Magnesium		47600		5000	ug/L	6010C
Manganese		740		15.0	ug/L	6010C
Sodium		169000		5000	ug/L	6010C
Nickel		13.0	J	40.0	ug/L	6010C
Lead		8.9	J	10.0	ug/L	6010C
Selenium		9.8	J	20.0	ug/L	6010C
Zinc		9.7	J	30.0	ug/L	6010C
Mercury		0.18	J	0.20	ug/L	7470A
Dissolved						
Barium		106	J	200	ug/L	6010C
Calcium		151000		5000	ug/L	6010C
Potassium		5470		5000	ug/L	6010C
Magnesium		50000		5000	ug/L	6010C
Manganese		347		15.0	ug/L	6010C
Sodium		178000		5000	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited Job Number: 460-90455-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-90455-4	**MW-3**					
Chloroform		0.18	J	2.0	ug/L	8260C
cis-1,2-Dichloroethene		6.3		2.0	ug/L	8260C
Tetrachloroethene		660		2.0	ug/L	8260C
trans-1,2-Dichloroethene		0.46	J	2.0	ug/L	8260C
Trichloroethene		19		2.0	ug/L	8260C
Benzo[a]pyrene		0.42	J	1.0	ug/L	8270D
Benzo[b]fluoranthene		0.54	J	1.0	ug/L	8270D
Benzo[k]fluoranthene		0.23	J	1.0	ug/L	8270D
Indeno[1,2,3-cd]pyrene		0.25	J	1.0	ug/L	8270D
Aluminum		2740		200	ug/L	6010C
Barium		225		200	ug/L	6010C
Calcium		401000		25000	ug/L	6010C
Cobalt		22.7	J	50.0	ug/L	6010C
Chromium		4.7	J	10.0	ug/L	6010C
Copper		42.5	J	125	ug/L	6010C
Iron		6340		150	ug/L	6010C
Potassium		15200		5000	ug/L	6010C
Magnesium		58500		5000	ug/L	6010C
Manganese		1420		15.0	ug/L	6010C
Sodium		303000		25000	ug/L	6010C
Nickel		21.4	J	40.0	ug/L	6010C
Lead		31.0		10.0	ug/L	6010C
Selenium		8.6	J	20.0	ug/L	6010C
Vanadium		10.8	J	50.0	ug/L	6010C
Zinc		35.8		30.0	ug/L	6010C
Mercury		0.27		0.20	ug/L	7470A
Dissolved						
Barium		177	J	200	ug/L	6010C
Calcium		361000		25000	ug/L	6010C
Cobalt		11.8	J	50.0	ug/L	6010C
Potassium		15600		5000	ug/L	6010C
Magnesium		58300		5000	ug/L	6010C
Manganese		433		15.0	ug/L	6010C
Sodium		292000		25000	ug/L	6010C
Nickel		8.3	J	40.0	ug/L	6010C

EXECUTIVE SUMMARY - Detections

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-90455-5	**MW-4**					
Chloroform		0.30	J	1.0	ug/L	8260C
cis-1,2-Dichloroethene		1.1		1.0	ug/L	8260C
Tetrachloroethene		20		1.0	ug/L	8260C
Trichloroethene		1.9		1.0	ug/L	8260C
Benzo[a]pyrene		0.37	J	1.0	ug/L	8270D
Benzo[b]fluoranthene		0.45	J	1.0	ug/L	8270D
Benzo[k]fluoranthene		0.43	J	1.0	ug/L	8270D
Bis(2-ethylhexyl) phthalate		0.89	J	2.1	ug/L	8270D
Dibenz(a,h)anthracene		0.59	J	1.0	ug/L	8270D
Hexachlorobenzene		0.42	J	1.0	ug/L	8270D
Indeno[1,2,3-cd]pyrene		0.46	J	1.0	ug/L	8270D
Aluminum		861		200	ug/L	6010C
Barium		91.8	J	200	ug/L	6010C
Calcium		135000		5000	ug/L	6010C
Iron		1720		150	ug/L	6010C
Potassium		10200		5000	ug/L	6010C
Magnesium		28800		5000	ug/L	6010C
Manganese		242		15.0	ug/L	6010C
Sodium		160000		5000	ug/L	6010C
Lead		14.2		10.0	ug/L	6010C
Selenium		7.5	J	20.0	ug/L	6010C
Zinc		10.3	J	30.0	ug/L	6010C
Dissolved						
Barium		75.5	J	200	ug/L	6010C
Calcium		148000		5000	ug/L	6010C
Potassium		10400		5000	ug/L	6010C
Magnesium		30500		5000	ug/L	6010C
Manganese		8.6	J	15.0	ug/L	6010C
Sodium		166000		5000	ug/L	6010C
Zinc		6.1	J	30.0	ug/L	6010C

METHOD SUMMARY

Client: FPM Group Limited

Job Number: 460-90455-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organic Compounds by GC/MS	TAL EDI	SW846 8260C	
Purge and Trap	TAL EDI		SW846 5030C
Semivolatile Organic Compounds (GC/MS)	TAL EDI	SW846 8270D	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081B	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL EDI	SW846 8082A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010C	
Preparation, Total Metals	TAL EDI		SW846 3010A
Metals (ICP)	TAL EDI	SW846 6010C	
Preparation, Total Metals	TAL EDI		SW846 3010A
Sample Filtration	TAL EDI		FILTRATION
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Sample Filtration	TAL EDI		FILTRATION

Lab References:

TAL EDI = TestAmerica Edison

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: FPM Group Limited

Job Number: 460-90455-1

Method	Analyst	Analyst ID
SW846 8260C	Moroney, Christopher J	CJM
SW846 8270D	Crocco, Michael	MMC
SW846 8081B	Patel, Jignesh	JHP
SW846 8082A	Patel, Jignesh	JHP
SW846 6010C	Huang, Yixin	YZH
SW846 7470A	Sheikh, Razia B	RBS
SW846 7470A	Staib, Thomas	TJS

SAMPLE SUMMARY

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-90455-1	MW-1	Water	02/10/2015 0945	02/11/2015 1700
460-90455-2	MW-1D	Water	02/10/2015 1000	02/11/2015 1700
460-90455-3	MW-2	Water	02/10/2015 1030	02/11/2015 1700
460-90455-4	MW-3	Water	02/10/2015 1305	02/11/2015 1700
460-90455-5	MW-4	Water	02/10/2015 1130	02/11/2015 1700
460-90455-6TB	TB0210	Water	02/10/2015 0900	02/11/2015 1700

SAMPLE RESULTS

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24208.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1332			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U *	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.32	J	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	2.0		0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24208.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1332			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1332				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	0.44	J	0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 130
4-Bromofluorobenzene	104		64 - 135
Dibromofluoromethane (Surr)	104		72 - 137
Toluene-d8 (Surr)	96		70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24208.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1332			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1332				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24209.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1356			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U *	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	0.32	J	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	2.0		0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24209.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1356			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1356				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	0.46	J	0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene	100		64 - 135
Dibromofluoromethane (Surr)	103		72 - 137
Toluene-d8 (Surr)	91		70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24209.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1356			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1356				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24210.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1419			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1419				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U *	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	0.87	J	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.4		0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	44		0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24210.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1419			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1419				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	2.2		0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104		70 - 130
4-Bromofluorobenzene	103		64 - 135
Dibromofluoromethane (Surr)	108		72 - 137
Toluene-d8 (Surr)	94		70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24210.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1419			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1419				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24256.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0914			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	2.0	U	0.12	2.0
1,1,2,2-Tetrachloroethane	2.0	U	0.32	2.0
1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U	0.16	2.0
1,1,2-Trichloroethane	2.0	U	0.38	2.0
1,1-Dichloroethane	2.0	U	0.26	2.0
1,1-Dichloroethene	2.0	U	0.18	2.0
1,2,3-Trichlorobenzene	2.0	U *	1.0	2.0
1,2,4-Trichlorobenzene	2.0	U	0.68	2.0
1,2-Dichloropropane	2.0	U	0.18	2.0
1,3-Dichlorobenzene	2.0	U	0.28	2.0
1,4-Dichlorobenzene	2.0	U	0.46	2.0
1,4-Dioxane	100	U	72	100
2-Butanone (MEK)	10	U	4.6	10
2-Hexanone	10	U	1.0	10
4-Methyl-2-pentanone (MIBK)	10	U	2.0	10
Acetone	10	U	5.4	10
Benzene	2.0	U	0.16	2.0
Bromoform	2.0	U	0.38	2.0
Bromomethane	2.0	U	0.36	2.0
Carbon disulfide	2.0	U	0.26	2.0
Carbon tetrachloride	2.0	U	0.12	2.0
Chlorobenzene	2.0	U	0.22	2.0
Chlorobromomethane	2.0	U	0.54	2.0
Chlorodibromomethane	2.0	U	0.40	2.0
Chloroethane	2.0	U	0.34	2.0
Chloroform	0.18	J	0.16	2.0
Chloromethane	2.0	U	0.20	2.0
cis-1,2-Dichloroethene	6.3		0.36	2.0
cis-1,3-Dichloropropene	2.0	U	0.36	2.0
Cyclohexane	2.0	U	0.32	2.0
Dichlorobromomethane	2.0	U	0.24	2.0
Dichlorodifluoromethane	2.0	U	0.44	2.0
Ethylbenzene	2.0	U	0.20	2.0
Ethylene Dibromide	2.0	U	0.56	2.0
Isopropylbenzene	2.0	U	0.16	2.0
Methyl acetate	10	U	0.68	10
Methyl tert-butyl ether	2.0	U	0.28	2.0
Methylcyclohexane	2.0	U	0.28	2.0
Methylene Chloride	2.0	U	0.36	2.0
m-Xylene & p-Xylene	2.0	U	0.50	2.0
o-Xylene	2.0	U	0.26	2.0
Styrene	2.0	U	0.24	2.0
Tetrachloroethene	660		0.20	2.0
Toluene	2.0	U	0.30	2.0
trans-1,2-Dichloroethene	0.46	J	0.26	2.0
trans-1,3-Dichloropropene	2.0	U	0.48	2.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24256.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0914			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0914				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	19		0.18	2.0
Trichlorofluoromethane	2.0	U	0.30	2.0
Vinyl chloride	2.0	U	0.28	2.0
1,2-Dichloroethane	2.0	U	0.38	2.0
1,2-Dichlorobenzene	2.0	U	0.42	2.0
1,2-Dibromo-3-Chloropropane	2.0	U	0.80	2.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99		70 - 130
4-Bromofluorobenzene	97		64 - 135
Dibromofluoromethane (Surr)	102		72 - 137
Toluene-d8 (Surr)	93		70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24256.D
Dilution:	2.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0914			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0914				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24211.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1442			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1442				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U *	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	0.30	J	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.1		0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	20		0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24211.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1442			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1442				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1.9		0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene	99		64 - 135
Dibromofluoromethane (Surr)	104		72 - 137
Toluene-d8 (Surr)	92		70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24211.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1442			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1442				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **TB0210**

Lab Sample ID: 460-90455-6TB
Client Matrix: Water

Date Sampled: 02/10/2015 0900
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24207.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1309			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U *	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0
trans-1,3-Dichloropropene	1.0	U	0.24	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **TB0210**

Lab Sample ID: 460-90455-6TB
Client Matrix: Water

Date Sampled: 02/10/2015 0900
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24207.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1309			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1309				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Trichloroethene	1.0	U	0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 130
4-Bromofluorobenzene	102		64 - 135
Dibromofluoromethane (Surr)	100		72 - 137
Toluene-d8 (Surr)	91		70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **TB0210**

Lab Sample ID: 460-90455-6TB
Client Matrix: Water

Date Sampled: 02/10/2015 0900
Date Received: 02/11/2015 1700

8260C Volatile Organic Compounds by GC/MS

Analysis Method:	8260C	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Prep Method:	5030C	Prep Batch:	N/A	Lab File ID:	F24207.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1309			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1309				

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14139.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0703			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	1.9	10
1,2,4,5-Tetrachlorobenzene	10	U	1.9	10
2,2'-oxybis[1-chloropropane]	10	U	1.4	10
2,3,4,6-Tetrachlorophenol	10	U	0.93	10
2,4,5-Trichlorophenol	10	U	2.3	10
2,4,6-Trichlorophenol	10	U	1.5	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.3	10
2,4-Dinitrophenol	21	U	2.1	21
2,4-Dinitrotoluene	2.1	U	0.29	2.1
2,6-Dinitrotoluene	2.1	U	0.28	2.1
2-Chloronaphthalene	10	U	1.4	10
2-Chlorophenol	10	U	0.97	10
2-Methylnaphthalene	10	U	1.6	10
2-Methylphenol	10	U	1.5	10
2-Nitroaniline	10	U	2.1	10
2-Nitrophenol	10	U	0.71	10
3,3'-Dichlorobenzidine	10	U	3.3	10
3-Nitroaniline	10	U	3.0	10
4,6-Dinitro-2-methylphenol	21	U	3.1	21
4-Bromophenyl phenyl ether	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
4-Chloroaniline	10	U	0.33	10
4-Chlorophenyl phenyl ether	10	U	1.6	10
4-Methylphenol	10	U	1.0	10
4-Nitroaniline	10	U	3.0	10
4-Nitrophenol	21	U	2.1	21
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.9	10
Acetophenone	10	U	0.93	10
Anthracene	10	U	0.89	10
Atrazine	2.1	U	1.0	2.1
Benzaldehyde	10	U	2.2	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Benzo[a]pyrene	1.0	U	0.15	1.0
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[g,h,i]perylene	10	U	0.97	10
Benzo[k]fluoranthene	1.0	U	0.15	1.0
Bis(2-chloroethoxy)methane	10	U	1.0	10
Bis(2-chloroethyl)ether	1.0	U	0.31	1.0
Bis(2-ethylhexyl) phthalate	2.1	U	0.84	2.1
Butyl benzyl phthalate	10	U	1.5	10
Caprolactam	10	U *	0.95	10
Carbazole	10	U	1.3	10
Chrysene	2.1	U	1.5	2.1
Dibenz(a,h)anthracene	1.0	U	0.17	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14139.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0703			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	10	U	1.6	10
Diethyl phthalate	10	U	1.5	10
Dimethyl phthalate	10	U	1.1	10
Di-n-butyl phthalate	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.92	10
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.8	10
Hexachlorobenzene	1.0	U	0.21	1.0
Hexachlorobutadiene	1.0	U	0.71	1.0
Hexachlorocyclopentadiene	10	U	1.6	10
Hexachloroethane	1.0	U	0.16	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Isophorone	10	U	1.4	10
Naphthalene	10	U	2.1	10
Nitrobenzene	1.0	U	0.35	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.28	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Pentachlorophenol	21	U	2.8	21
Phenanthrene	10	U	1.3	10
Phenol	10	U	0.63	10
Pyrene	10	U	1.1	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	219	*	51 - 126
2-Fluorobiphenyl	109		50 - 120
2-Fluorophenol (Surr)	76		15 - 96
Nitrobenzene-d5 (Surr)	89		60 - 114
Phenol-d5 (Surr)	81		4 - 86
Terphenyl-d14 (Surr)	158	*	72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14139.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0703			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14140.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0727			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	1.9	10
1,2,4,5-Tetrachlorobenzene	10	U	1.9	10
2,2'-oxybis[1-chloropropane]	10	U	1.4	10
2,3,4,6-Tetrachlorophenol	10	U	0.93	10
2,4,5-Trichlorophenol	10	U	2.3	10
2,4,6-Trichlorophenol	10	U	1.5	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.3	10
2,4-Dinitrophenol	21	U	2.1	21
2,4-Dinitrotoluene	2.1	U	0.29	2.1
2,6-Dinitrotoluene	2.1	U	0.28	2.1
2-Chloronaphthalene	10	U	1.4	10
2-Chlorophenol	10	U	0.97	10
2-Methylnaphthalene	10	U	1.6	10
2-Methylphenol	10	U	1.5	10
2-Nitroaniline	10	U	2.1	10
2-Nitrophenol	10	U	0.71	10
3,3'-Dichlorobenzidine	10	U	3.3	10
3-Nitroaniline	10	U	3.0	10
4,6-Dinitro-2-methylphenol	21	U	3.1	21
4-Bromophenyl phenyl ether	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
4-Chloroaniline	10	U	0.33	10
4-Chlorophenyl phenyl ether	10	U	1.6	10
4-Methylphenol	10	U	1.0	10
4-Nitroaniline	10	U	3.0	10
4-Nitrophenol	21	U	2.1	21
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.9	10
Acetophenone	10	U	0.93	10
Anthracene	10	U	0.89	10
Atrazine	2.1	U	1.0	2.1
Benzaldehyde	10	U	2.2	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Benzo[a]pyrene	1.0	U	0.15	1.0
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[g,h,i]perylene	10	U	0.97	10
Benzo[k]fluoranthene	1.0	U	0.15	1.0
Bis(2-chloroethoxy)methane	10	U	1.0	10
Bis(2-chloroethyl)ether	1.0	U	0.31	1.0
Bis(2-ethylhexyl) phthalate	2.1	U	0.84	2.1
Butyl benzyl phthalate	10	U	1.5	10
Caprolactam	10	U *	0.95	10
Carbazole	10	U	1.3	10
Chrysene	2.1	U	1.5	2.1
Dibenz(a,h)anthracene	1.0	U	0.17	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14140.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0727			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	10	U	1.6	10
Diethyl phthalate	10	U	1.5	10
Dimethyl phthalate	10	U	1.1	10
Di-n-butyl phthalate	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.92	10
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.8	10
Hexachlorobenzene	1.0	U	0.21	1.0
Hexachlorobutadiene	1.0	U	0.71	1.0
Hexachlorocyclopentadiene	10	U	1.6	10
Hexachloroethane	1.0	U	0.16	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Isophorone	10	U	1.4	10
Naphthalene	10	U	2.1	10
Nitrobenzene	1.0	U	0.35	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.28	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Pentachlorophenol	21	U	2.8	21
Phenanthrene	10	U	1.3	10
Phenol	10	U	0.63	10
Pyrene	10	U	1.1	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	111		51 - 126
2-Fluorobiphenyl	77		50 - 120
2-Fluorophenol (Surr)	42		15 - 96
Nitrobenzene-d5 (Surr)	83		60 - 114
Phenol-d5 (Surr)	28		4 - 86
Terphenyl-d14 (Surr)	86		72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14140.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0727			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14141.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0752			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	1.9	10
1,2,4,5-Tetrachlorobenzene	10	U	1.9	10
2,2'-oxybis[1-chloropropane]	10	U	1.4	10
2,3,4,6-Tetrachlorophenol	10	U	0.93	10
2,4,5-Trichlorophenol	10	U	2.3	10
2,4,6-Trichlorophenol	10	U	1.5	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.3	10
2,4-Dinitrophenol	21	U	2.1	21
2,4-Dinitrotoluene	2.1	U	0.29	2.1
2,6-Dinitrotoluene	2.1	U	0.28	2.1
2-Chloronaphthalene	10	U	1.4	10
2-Chlorophenol	10	U	0.97	10
2-Methylnaphthalene	10	U	1.6	10
2-Methylphenol	10	U	1.5	10
2-Nitroaniline	10	U	2.1	10
2-Nitrophenol	10	U	0.71	10
3,3'-Dichlorobenzidine	10	U	3.3	10
3-Nitroaniline	10	U	3.0	10
4,6-Dinitro-2-methylphenol	21	U	3.1	21
4-Bromophenyl phenyl ether	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
4-Chloroaniline	10	U	0.33	10
4-Chlorophenyl phenyl ether	10	U	1.6	10
4-Methylphenol	10	U	1.0	10
4-Nitroaniline	10	U	3.0	10
4-Nitrophenol	21	U	2.1	21
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.9	10
Acetophenone	10	U	0.93	10
Anthracene	10	U	0.89	10
Atrazine	2.1	U	1.0	2.1
Benzaldehyde	10	U	2.2	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Benzo[a]pyrene	1.0	U	0.15	1.0
Benzo[b]fluoranthene	1.0	U	0.22	1.0
Benzo[g,h,i]perylene	10	U	0.97	10
Benzo[k]fluoranthene	1.0	U	0.15	1.0
Bis(2-chloroethoxy)methane	10	U	1.0	10
Bis(2-chloroethyl)ether	1.0	U	0.31	1.0
Bis(2-ethylhexyl) phthalate	2.1	U	0.84	2.1
Butyl benzyl phthalate	10	U	1.5	10
Caprolactam	10	U *	0.95	10
Carbazole	10	U	1.3	10
Chrysene	2.1	U	1.5	2.1
Dibenz(a,h)anthracene	1.0	U	0.17	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14141.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0752			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	10	U	1.6	10
Diethyl phthalate	10	U	1.5	10
Dimethyl phthalate	10	U	1.1	10
Di-n-butyl phthalate	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.92	10
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.8	10
Hexachlorobenzene	1.0	U	0.21	1.0
Hexachlorobutadiene	1.0	U	0.71	1.0
Hexachlorocyclopentadiene	10	U	1.6	10
Hexachloroethane	1.0	U	0.16	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Isophorone	10	U	1.4	10
Naphthalene	10	U	2.1	10
Nitrobenzene	1.0	U	0.35	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.28	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Pentachlorophenol	21	U	2.8	21
Phenanthrene	10	U	1.3	10
Phenol	10	U	0.63	10
Pyrene	10	U	1.1	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	95		51 - 126
2-Fluorobiphenyl	71		50 - 120
2-Fluorophenol (Surr)	39		15 - 96
Nitrobenzene-d5 (Surr)	76		60 - 114
Phenol-d5 (Surr)	25		4 - 86
Terphenyl-d14 (Surr)	79		72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14141.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0752			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14142.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0816			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	1.9	10
1,2,4,5-Tetrachlorobenzene	10	U	1.9	10
2,2'-oxybis[1-chloropropane]	10	U	1.4	10
2,3,4,6-Tetrachlorophenol	10	U	0.93	10
2,4,5-Trichlorophenol	10	U	2.3	10
2,4,6-Trichlorophenol	10	U	1.5	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.3	10
2,4-Dinitrophenol	21	U	2.1	21
2,4-Dinitrotoluene	2.1	U	0.29	2.1
2,6-Dinitrotoluene	2.1	U	0.28	2.1
2-Chloronaphthalene	10	U	1.4	10
2-Chlorophenol	10	U	0.97	10
2-Methylnaphthalene	10	U	1.6	10
2-Methylphenol	10	U	1.5	10
2-Nitroaniline	10	U	2.1	10
2-Nitrophenol	10	U	0.71	10
3,3'-Dichlorobenzidine	10	U	3.3	10
3-Nitroaniline	10	U	3.0	10
4,6-Dinitro-2-methylphenol	21	U	3.1	21
4-Bromophenyl phenyl ether	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
4-Chloroaniline	10	U	0.33	10
4-Chlorophenyl phenyl ether	10	U	1.6	10
4-Methylphenol	10	U	1.0	10
4-Nitroaniline	10	U	3.0	10
4-Nitrophenol	21	U	2.1	21
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.9	10
Acetophenone	10	U	0.93	10
Anthracene	10	U	0.89	10
Atrazine	2.1	U	1.0	2.1
Benzaldehyde	10	U	2.2	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Benzo[a]pyrene	0.42	J	0.15	1.0
Benzo[b]fluoranthene	0.54	J	0.22	1.0
Benzo[g,h,i]perylene	10	U	0.97	10
Benzo[k]fluoranthene	0.23	J	0.15	1.0
Bis(2-chloroethoxy)methane	10	U	1.0	10
Bis(2-chloroethyl)ether	1.0	U	0.31	1.0
Bis(2-ethylhexyl) phthalate	2.1	U	0.84	2.1
Butyl benzyl phthalate	10	U	1.5	10
Caprolactam	10	U *	0.95	10
Carbazole	10	U	1.3	10
Chrysene	2.1	U	1.5	2.1
Dibenz(a,h)anthracene	1.0	U	0.17	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14142.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0816			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	10	U	1.6	10
Diethyl phthalate	10	U	1.5	10
Dimethyl phthalate	10	U	1.1	10
Di-n-butyl phthalate	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.92	10
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.8	10
Hexachlorobenzene	1.0	U	0.21	1.0
Hexachlorobutadiene	1.0	U	0.71	1.0
Hexachlorocyclopentadiene	10	U	1.6	10
Hexachloroethane	1.0	U	0.16	1.0
Indeno[1,2,3-cd]pyrene	0.25	J	0.11	1.0
Isophorone	10	U	1.4	10
Naphthalene	10	U	2.1	10
Nitrobenzene	1.0	U	0.35	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.28	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Pentachlorophenol	21	U	2.8	21
Phenanthrene	10	U	1.3	10
Phenol	10	U	0.63	10
Pyrene	10	U	1.1	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	128	*	51 - 126
2-Fluorobiphenyl	78		50 - 120
2-Fluorophenol (Surr)	42		15 - 96
Nitrobenzene-d5 (Surr)	82		60 - 114
Phenol-d5 (Surr)	29		4 - 86
Terphenyl-d14 (Surr)	88		72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14142.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0816			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14143.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0840			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	1.9	10
1,2,4,5-Tetrachlorobenzene	10	U	1.9	10
2,2'-oxybis[1-chloropropane]	10	U	1.4	10
2,3,4,6-Tetrachlorophenol	10	U	0.93	10
2,4,5-Trichlorophenol	10	U	2.3	10
2,4,6-Trichlorophenol	10	U	1.5	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.3	10
2,4-Dinitrophenol	21	U	2.1	21
2,4-Dinitrotoluene	2.1	U	0.29	2.1
2,6-Dinitrotoluene	2.1	U	0.28	2.1
2-Chloronaphthalene	10	U	1.4	10
2-Chlorophenol	10	U	0.97	10
2-Methylnaphthalene	10	U	1.6	10
2-Methylphenol	10	U	1.5	10
2-Nitroaniline	10	U	2.1	10
2-Nitrophenol	10	U	0.71	10
3,3'-Dichlorobenzidine	10	U	3.3	10
3-Nitroaniline	10	U	3.0	10
4,6-Dinitro-2-methylphenol	21	U	3.1	21
4-Bromophenyl phenyl ether	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
4-Chloroaniline	10	U	0.33	10
4-Chlorophenyl phenyl ether	10	U	1.6	10
4-Methylphenol	10	U	1.0	10
4-Nitroaniline	10	U	3.0	10
4-Nitrophenol	21	U	2.1	21
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.9	10
Acetophenone	10	U	0.93	10
Anthracene	10	U	0.89	10
Atrazine	2.1	U	1.0	2.1
Benzaldehyde	10	U	2.2	10
Benzo[a]anthracene	1.0	U	0.19	1.0
Benzo[a]pyrene	0.37	J	0.15	1.0
Benzo[b]fluoranthene	0.45	J	0.22	1.0
Benzo[g,h,i]perylene	10	U	0.97	10
Benzo[k]fluoranthene	0.43	J	0.15	1.0
Bis(2-chloroethoxy)methane	10	U	1.0	10
Bis(2-chloroethyl)ether	1.0	U	0.31	1.0
Bis(2-ethylhexyl) phthalate	0.89	J	0.84	2.1
Butyl benzyl phthalate	10	U	1.5	10
Caprolactam	10	U *	0.95	10
Carbazole	10	U	1.3	10
Chrysene	2.1	U	1.5	2.1
Dibenz(a,h)anthracene	0.59	J	0.17	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14143.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0840			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Dibenzofuran	10	U	1.6	10
Diethyl phthalate	10	U	1.5	10
Dimethyl phthalate	10	U	1.1	10
Di-n-butyl phthalate	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.92	10
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.8	10
Hexachlorobenzene	0.42	J	0.21	1.0
Hexachlorobutadiene	1.0	U	0.71	1.0
Hexachlorocyclopentadiene	10	U	1.6	10
Hexachloroethane	1.0	U	0.16	1.0
Indeno[1,2,3-cd]pyrene	0.46	J	0.11	1.0
Isophorone	10	U	1.4	10
Naphthalene	10	U	2.1	10
Nitrobenzene	1.0	U	0.35	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.28	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Pentachlorophenol	21	U	2.8	21
Phenanthrene	10	U	1.3	10
Phenol	10	U	0.63	10
Pyrene	10	U	1.1	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	127	*	51 - 126
2-Fluorobiphenyl	78		50 - 120
2-Fluorophenol (Surr)	42		15 - 96
Nitrobenzene-d5 (Surr)	85		60 - 114
Phenol-d5 (Surr)	29		4 - 86
Terphenyl-d14 (Surr)	90		72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8270D Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270D	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Prep Method:	3510C	Prep Batch:	460-281469	Lab File ID:	C14143.D
Dilution:	1.0			Initial Weight/Volume:	240 mL
Analysis Date:	02/18/2015 0840			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL

Tentatively Identified Compounds **Number TIC's Found:** **0**

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1645			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.020	U	0.019	0.020
4,4'-DDE	0.020	U	0.016	0.020
4,4'-DDT	0.020	U	0.017	0.020
Aldrin	0.020	U	0.017	0.020
alpha-BHC	0.020	U	0.0090	0.020
beta-BHC	0.020	U	0.013	0.020
Chlordane (technical)	0.50	U	0.21	0.50
delta-BHC	0.020	U	0.012	0.020
Dieldrin	0.020	U	0.022	0.020
Endosulfan I	0.020	U	0.016	0.020
Endosulfan II	0.020	U	0.016	0.020
Endosulfan sulfate	0.020	U	0.016	0.020
Endrin	0.020	U	0.017	0.020
Endrin aldehyde	0.020	U	0.016	0.020
Endrin ketone	0.020	U	0.016	0.020
gamma-BHC (Lindane)	0.020	U	0.014	0.020
Heptachlor	0.020	U	0.014	0.020
Heptachlor epoxide	0.020	U	0.016	0.020
Methoxychlor	0.020	U	0.015	0.020
Toxaphene	0.50	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	95		26 - 150
Tetrachloro-m-xylene	79		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1645			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		26 - 150
Tetrachloro-m-xylene	69		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1658			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.020	U	0.019	0.020
4,4'-DDE	0.020	U	0.016	0.020
4,4'-DDT	0.020	U	0.017	0.020
Aldrin	0.020	U	0.017	0.020
alpha-BHC	0.020	U	0.0090	0.020
beta-BHC	0.020	U	0.013	0.020
Chlordane (technical)	0.50	U	0.21	0.50
delta-BHC	0.020	U	0.012	0.020
Dieldrin	0.020	U	0.022	0.020
Endosulfan I	0.020	U	0.016	0.020
Endosulfan II	0.020	U	0.016	0.020
Endosulfan sulfate	0.020	U	0.016	0.020
Endrin	0.020	U	0.017	0.020
Endrin aldehyde	0.020	U	0.016	0.020
Endrin ketone	0.020	U	0.016	0.020
gamma-BHC (Lindane)	0.020	U	0.014	0.020
Heptachlor	0.020	U	0.014	0.020
Heptachlor epoxide	0.020	U	0.016	0.020
Methoxychlor	0.020	U	0.015	0.020
Toxaphene	0.50	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	108		26 - 150
Tetrachloro-m-xylene	88		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1658			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		26 - 150
Tetrachloro-m-xylene	74		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1711			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.020	U	0.019	0.020
4,4'-DDE	0.020	U	0.016	0.020
4,4'-DDT	0.020	U	0.017	0.020
Aldrin	0.020	U	0.017	0.020
alpha-BHC	0.020	U	0.0090	0.020
beta-BHC	0.020	U	0.013	0.020
Chlordane (technical)	0.50	U	0.21	0.50
delta-BHC	0.020	U	0.012	0.020
Dieldrin	0.020	U	0.022	0.020
Endosulfan I	0.020	U	0.016	0.020
Endosulfan II	0.020	U	0.016	0.020
Endosulfan sulfate	0.020	U	0.016	0.020
Endrin	0.020	U	0.017	0.020
Endrin aldehyde	0.020	U	0.016	0.020
Endrin ketone	0.020	U	0.016	0.020
gamma-BHC (Lindane)	0.020	U	0.014	0.020
Heptachlor	0.020	U	0.014	0.020
Heptachlor epoxide	0.020	U	0.016	0.020
Methoxychlor	0.020	U	0.015	0.020
Toxaphene	0.50	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		26 - 150
Tetrachloro-m-xylene	94		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1711			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		26 - 150
Tetrachloro-m-xylene	83		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1725			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.020	U	0.019	0.020
4,4'-DDE	0.020	U	0.016	0.020
4,4'-DDT	0.020	U	0.017	0.020
Aldrin	0.020	U	0.017	0.020
alpha-BHC	0.020	U	0.0090	0.020
beta-BHC	0.020	U	0.013	0.020
Chlordane (technical)	0.50	U	0.21	0.50
delta-BHC	0.020	U	0.012	0.020
Dieldrin	0.020	U	0.022	0.020
Endosulfan I	0.020	U	0.016	0.020
Endosulfan II	0.020	U	0.016	0.020
Endosulfan sulfate	0.020	U	0.016	0.020
Endrin	0.020	U	0.017	0.020
Endrin aldehyde	0.020	U	0.016	0.020
Endrin ketone	0.020	U	0.016	0.020
gamma-BHC (Lindane)	0.020	U	0.014	0.020
Heptachlor	0.020	U	0.014	0.020
Heptachlor epoxide	0.020	U	0.016	0.020
Methoxychlor	0.020	U	0.015	0.020
Toxaphene	0.50	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	62		26 - 150
Tetrachloro-m-xylene	95		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1725			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	59		26 - 150
Tetrachloro-m-xylene	87		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1738			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,4'-DDD	0.020	U	0.019	0.020
4,4'-DDE	0.020	U	0.016	0.020
4,4'-DDT	0.020	U	0.017	0.020
Aldrin	0.020	U	0.017	0.020
alpha-BHC	0.020	U	0.0090	0.020
beta-BHC	0.020	U	0.013	0.020
Chlordane (technical)	0.50	U	0.21	0.50
delta-BHC	0.020	U	0.012	0.020
Dieldrin	0.020	U	0.022	0.020
Endosulfan I	0.020	U	0.016	0.020
Endosulfan II	0.020	U	0.016	0.020
Endosulfan sulfate	0.020	U	0.016	0.020
Endrin	0.020	U	0.017	0.020
Endrin aldehyde	0.020	U	0.016	0.020
Endrin ketone	0.020	U	0.016	0.020
gamma-BHC (Lindane)	0.020	U	0.014	0.020
Heptachlor	0.020	U	0.014	0.020
Heptachlor epoxide	0.020	U	0.016	0.020
Methoxychlor	0.020	U	0.015	0.020
Toxaphene	0.50	U	0.34	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	70		26 - 150
Tetrachloro-m-xylene	89		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8081B Organochlorine Pesticides (GC)

Analysis Method:	8081B	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Prep Method:	3510C	Prep Batch:	460-281375	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1738			Injection Volume:	1 uL
Prep Date:	02/13/2015 0939			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	67		26 - 150
Tetrachloro-m-xylene	85		50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1936			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40
Aroclor-1262	0.40	U	0.21	0.40
Aroclor 1268	0.40	U	0.21	0.40
Polychlorinated biphenyls, Total	0.40	U	0.27	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	89		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1936			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	81		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1952			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40
Aroclor-1262	0.40	U	0.21	0.40
Aroclor 1268	0.40	U	0.21	0.40
Polychlorinated biphenyls, Total	0.40	U	0.27	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 1952			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	87		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 2008			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40
Aroclor-1262	0.40	U	0.21	0.40
Aroclor 1268	0.40	U	0.21	0.40
Polychlorinated biphenyls, Total	0.40	U	0.27	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	85		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 2008			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 2024			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40
Aroclor-1262	0.40	U	0.21	0.40
Aroclor 1268	0.40	U	0.21	0.40
Polychlorinated biphenyls, Total	0.40	U	0.27	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	57		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 2024			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 2040			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aroclor 1016	0.40	U	0.27	0.40
Aroclor 1221	0.40	U	0.27	0.40
Aroclor 1232	0.40	U	0.27	0.40
Aroclor 1242	0.40	U	0.27	0.40
Aroclor 1248	0.40	U	0.27	0.40
Aroclor 1254	0.40	U	0.21	0.40
Aroclor 1260	0.40	U	0.21	0.40
Aroclor-1262	0.40	U	0.21	0.40
Aroclor 1268	0.40	U	0.21	0.40
Polychlorinated biphenyls, Total	0.40	U	0.27	0.40

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	72		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Prep Method:	3510C	Prep Batch:	460-281369	Initial Weight/Volume:	125 mL
Dilution:	1.0			Final Weight/Volume:	1 mL
Analysis Date:	02/14/2015 2040			Injection Volume:	1 uL
Prep Date:	02/13/2015 0931			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	63		13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-281801	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1905			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	603		73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	130	J	6.5	200
Beryllium	2.0	U	1.1	2.0
Calcium	135000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	4.2	J	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	8.8	J	6.2	25.0
Iron	1140		51.4	150
Potassium	6990		281	5000
Magnesium	53400		355	5000
Manganese	514		4.3	15.0
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	11.5	J	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1323			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	302000		2570	25000

6010C Metals (ICP)-Dissolved

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1455			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	133	J	6.5	200

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1
Client Matrix: Water

Date Sampled: 02/10/2015 0945
Date Received: 02/11/2015 1700

6010C Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	2.0	U	1.1	2.0
Calcium	144000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	3.9	J	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	25.0	U	6.2	25.0
Iron	150	U	51.4	150
Potassium	7240		281	5000
Magnesium	55800		355	5000
Manganese	449		4.3	15.0
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	30.0	U	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1603			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	299000		2570	25000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1447			Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0829			Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1**

Lab Sample ID: 460-90455-1

Client Matrix: Water

Date Sampled: 02/10/2015 0945

Date Received: 02/11/2015 1700

7470A Mercury (CVAA)-Dissolved

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2 Date Sampled: 02/10/2015 1000
Client Matrix: Water Date Received: 02/11/2015 1700

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-281801	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1928			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	830		73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	132	J	6.5	200
Beryllium	2.0	U	1.1	2.0
Calcium	142000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	4.6	J	3.8	50.0
Chromium	10.0	U	4.6	10.0
Iron	1560		51.4	150
Potassium	6900		281	5000
Magnesium	57400		355	5000
Manganese	538		4.3	15.0
Nickel	40.0	U	7.8	40.0
Lead	5.0	J	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	13.9	J	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1331			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Copper	125	U	31.2	125
Sodium	294000		2570	25000

6010C Metals (ICP)-Dissolved

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1458			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	132	J	6.5	200

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2
Client Matrix: Water

Date Sampled: 02/10/2015 1000
Date Received: 02/11/2015 1700

6010C Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	2.0	U	1.1	2.0
Calcium	143000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	50.0	U	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	25.0	U	6.2	25.0
Iron	150	U	51.4	150
Potassium	7270		281	5000
Magnesium	55400		355	5000
Manganese	440		4.3	15.0
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	9.8	J	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1619			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Sodium	301000		2570	25000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1450			Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0831			Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-1D**

Lab Sample ID: 460-90455-2

Client Matrix: Water

Date Sampled: 02/10/2015 1000

Date Received: 02/11/2015 1700

7470A Mercury (CVAA)-Dissolved

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-281801	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1932			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	857		73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	133	J	6.5	200
Beryllium	2.0	U	1.1	2.0
Calcium	140000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	6.5	J	3.8	50.0
Chromium	10.0	U	4.6	10.0
Iron	2190		51.4	150
Potassium	5360		281	5000
Magnesium	47600		355	5000
Manganese	740		4.3	15.0
Sodium	169000		514	5000
Nickel	13.0	J	7.8	40.0
Lead	8.9	J	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	9.8	J	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	9.7	J	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1335			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Copper	125	U	31.2	125

6010C Metals (ICP)-Dissolved

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1502			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	106	J	6.5	200

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-2**

Lab Sample ID: 460-90455-3
Client Matrix: Water

Date Sampled: 02/10/2015 1030
Date Received: 02/11/2015 1700

6010C Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	2.0	U	1.1	2.0
Calcium	151000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	50.0	U	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	25.0	U	6.2	25.0
Iron	150	U	51.4	150
Potassium	5470		281	5000
Magnesium	50000		355	5000
Manganese	347		4.3	15.0
Sodium	178000		514	5000
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	30.0	U	5.9	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1455			Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.18	J	0.18	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0836			Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4 Date Sampled: 02/10/2015 1305
Client Matrix: Water Date Received: 02/11/2015 1700

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-281801	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1935			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	2740		73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	225		6.5	200
Beryllium	2.0	U	1.1	2.0
Cadmium	4.0	U	1.2	4.0
Cobalt	22.7	J	3.8	50.0
Chromium	4.7	J	4.6	10.0
Iron	6340		51.4	150
Potassium	15200		281	5000
Magnesium	58500		355	5000
Manganese	1420		4.3	15.0
Nickel	21.4	J	7.8	40.0
Lead	31.0		4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	8.6	J	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	10.8	J	4.2	50.0
Zinc	35.8		5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1350			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Calcium	401000		2080	25000
Copper	42.5	J	31.2	125
Sodium	303000		2570	25000

6010C Metals (ICP)-Dissolved

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1506			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	177	J	6.5	200

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4
Client Matrix: Water

Date Sampled: 02/10/2015 1305
Date Received: 02/11/2015 1700

6010C Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	2.0	U	1.1	2.0
Cadmium	4.0	U	1.2	4.0
Cobalt	11.8	J	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	25.0	U	6.2	25.0
Iron	150	U	51.4	150
Potassium	15600		281	5000
Magnesium	58300		355	5000
Manganese	433		4.3	15.0
Nickel	8.3	J	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	30.0	U	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1622			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Calcium	361000		2080	25000
Sodium	292000		2570	25000

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1457			Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.27		0.18	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0839			Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-3**

Lab Sample ID: 460-90455-4

Client Matrix: Water

Date Sampled: 02/10/2015 1305

Date Received: 02/11/2015 1700

7470A Mercury (CVAA)-Dissolved

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5 Date Sampled: 02/10/2015 1130
Client Matrix: Water Date Received: 02/11/2015 1700

6010C Metals (ICP)

Analysis Method:	6010C	Analysis Batch:	460-281801	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1939			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	861		73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	91.8	J	6.5	200
Beryllium	2.0	U	1.1	2.0
Calcium	135000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	50.0	U	3.8	50.0
Chromium	10.0	U	4.6	10.0
Iron	1720		51.4	150
Potassium	10200		281	5000
Magnesium	28800		355	5000
Manganese	242		4.3	15.0
Sodium	160000		514	5000
Nickel	40.0	U	7.8	40.0
Lead	14.2		4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	7.5	J	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	10.3	J	5.9	30.0

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281481	Lab File ID:	281634.asc
Dilution:	5.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1354			Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Copper	125	U	31.2	125

6010C Metals (ICP)-Dissolved

Analysis Method:	6010C	Analysis Batch:	460-281815	Instrument ID:	ICP5
Prep Method:	3010A	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1510			Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	75.5	J	6.5	200

Client: FPM Group Limited

Job Number: 460-90455-1

Client Sample ID: **MW-4**

Lab Sample ID: 460-90455-5
Client Matrix: Water

Date Sampled: 02/10/2015 1130
Date Received: 02/11/2015 1700

6010C Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Beryllium	2.0	U	1.1	2.0
Calcium	148000		416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	50.0	U	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	25.0	U	6.2	25.0
Iron	150	U	51.4	150
Potassium	10400		281	5000
Magnesium	30500		355	5000
Manganese	8.6	J	4.3	15.0
Sodium	166000		514	5000
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	6.1	J	5.9	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1459			Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Prep Method:	7470A	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0841			Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.18	0.20

DATA REPORTING QUALIFIERS

Client: FPM Group Limited Job Number: 460-90455-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	*	Duplicate RPD exceeds control limits
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	LCS or LCSD exceeds the control limits
	*	MS or MSD exceeds the control limits
	*	Surrogate exceeds the control limit
GC Semi VOA		
	U	Analyzed for but not detected.
	*	MS or MSD exceeds the control limits
Metals		
	U	Indicates analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	J	Sample result is greater than the MDL but below the CRDL

QUALITY CONTROL RESULTS

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-281717					
LCS 460-281717/5	Lab Control Sample	T	Water	8260C	
MB 460-281717/8	Method Blank	T	Water	8260C	
460-90417-B-2 MS	Matrix Spike	T	Water	8260C	
460-90417-B-2 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-90455-1	MW-1	T	Water	8260C	
460-90455-2	MW-1D	T	Water	8260C	
460-90455-3	MW-2	T	Water	8260C	
460-90455-5	MW-4	T	Water	8260C	
460-90455-6TB	TB0210	T	Water	8260C	
Analysis Batch:460-281872					
LCS 460-281872/4	Lab Control Sample	T	Water	8260C	
MB 460-281872/8	Method Blank	T	Water	8260C	
460-90272-B-1 MS	Matrix Spike	T	Water	8260C	
460-90272-B-1 MSD	Matrix Spike Duplicate	T	Water	8260C	
460-90455-4	MW-3	T	Water	8260C	

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-281469					
LCS 460-281469/2-A	Lab Control Sample	T	Water	3510C	
LCS 460-281469/3-A	Lab Control Sample	T	Water	3510C	
MB 460-281469/1-A	Method Blank	T	Water	3510C	
460-90455-1	MW-1	T	Water	3510C	
460-90455-2	MW-1D	T	Water	3510C	
460-90455-3	MW-2	T	Water	3510C	
460-90455-4	MW-3	T	Water	3510C	
460-90455-5	MW-4	T	Water	3510C	
460-90460-D-1-A MS	Matrix Spike	T	Water	3510C	
460-90460-D-1-B MSD	Matrix Spike Duplicate	T	Water	3510C	
Analysis Batch:460-281851					
LCS 460-281469/3-A	Lab Control Sample	T	Water	8270D	460-281469
MB 460-281469/1-A	Method Blank	T	Water	8270D	460-281469
460-90455-1	MW-1	T	Water	8270D	460-281469
460-90455-2	MW-1D	T	Water	8270D	460-281469
460-90455-3	MW-2	T	Water	8270D	460-281469
460-90455-4	MW-3	T	Water	8270D	460-281469
460-90455-5	MW-4	T	Water	8270D	460-281469
460-90460-D-1-A MS	Matrix Spike	T	Water	8270D	460-281469
460-90460-D-1-B MSD	Matrix Spike Duplicate	T	Water	8270D	460-281469
Analysis Batch:460-281963					
LCS 460-281469/2-A	Lab Control Sample	T	Water	8270D	460-281469

Report Basis

T = Total

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-281200					
LB 460-281200/1-C	TCLP SPLPE Leachate Blank	T	Water		
Prep Batch: 460-281251					
LB 460-281251/1-C	TCLP SPLPE Leachate Blank	T	Water		
460-90396-A-14-C MS	Matrix Spike	P	Water		
460-90396-A-14-D MSD	Matrix Spike Duplicate	P	Water		
Prep Batch: 460-281369					
LCS 460-281369/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-281369/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-281369/1-A	Method Blank	T	Water	3510C	
460-90455-1	MW-1	T	Water	3510C	
460-90455-2	MW-1D	T	Water	3510C	
460-90455-3	MW-2	T	Water	3510C	
460-90455-4	MW-3	T	Water	3510C	
460-90455-5	MW-4	T	Water	3510C	
Prep Batch: 460-281375					
LCS 460-281375/2-A	Lab Control Sample	T	Water	3510C	
MB 460-281375/1-A	Method Blank	T	Water	3510C	
LB 460-281200/1-C	TCLP SPLPE Leachate Blank	T	Water	3510C	460-281200
LB 460-281251/1-C	TCLP SPLPE Leachate Blank	T	Water	3510C	460-281251
460-90396-A-14-C MS	Matrix Spike	P	Water	3510C	460-281251
460-90396-A-14-D MSD	Matrix Spike Duplicate	P	Water	3510C	460-281251
460-90455-1	MW-1	T	Water	3510C	
460-90455-2	MW-1D	T	Water	3510C	
460-90455-3	MW-2	T	Water	3510C	
460-90455-4	MW-3	T	Water	3510C	
460-90455-5	MW-4	T	Water	3510C	
Analysis Batch:460-281600					
MB 460-281375/1-A	Method Blank	T	Water	8081B	460-281375
LB 460-281200/1-C	TCLP SPLPE Leachate Blank	T	Water	8081B	460-281375
LB 460-281251/1-C	TCLP SPLPE Leachate Blank	T	Water	8081B	460-281375
460-90396-A-14-C MS	Matrix Spike	P	Water	8081B	460-281375
460-90396-A-14-D MSD	Matrix Spike Duplicate	P	Water	8081B	460-281375
460-90455-1	MW-1	T	Water	8081B	460-281375
460-90455-2	MW-1D	T	Water	8081B	460-281375
460-90455-3	MW-2	T	Water	8081B	460-281375
460-90455-4	MW-3	T	Water	8081B	460-281375
460-90455-5	MW-4	T	Water	8081B	460-281375

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-281604					
LCS 460-281369/2-A	Lab Control Sample	T	Water	8082A	460-281369
LCSD 460-281369/3-A	Lab Control Sample Duplicate	T	Water	8082A	460-281369
MB 460-281369/1-A	Method Blank	T	Water	8082A	460-281369
460-90455-1	MW-1	T	Water	8082A	460-281369
460-90455-2	MW-1D	T	Water	8082A	460-281369
460-90455-3	MW-2	T	Water	8082A	460-281369
460-90455-4	MW-3	T	Water	8082A	460-281369
460-90455-5	MW-4	T	Water	8082A	460-281369
Analysis Batch:460-281736					
LCS 460-281375/2-A	Lab Control Sample	T	Water	8081B	460-281375

Report Basis

P = TCLP

T = Total

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-281390					
LCS 460-281390/2-A	Lab Control Sample	T	Water	7470A	
MB 460-281390/1-A	Method Blank	T	Water	7470A	
460-90408-A-1-G DU	Duplicate	T	Water	7470A	
460-90408-A-1-H MS	Matrix Spike	T	Water	7470A	
460-90455-1	MW-1	T	Water	7470A	
460-90455-2	MW-1D	T	Water	7470A	
460-90455-3	MW-2	T	Water	7470A	
460-90455-4	MW-3	T	Water	7470A	
460-90455-5	MW-4	T	Water	7470A	
Analysis Batch:460-281470					
LCS 460-281390/2-A	Lab Control Sample	T	Water	7470A	460-281390
MB 460-281390/1-A	Method Blank	T	Water	7470A	460-281390
460-90408-A-1-G DU	Duplicate	T	Water	7470A	460-281390
460-90408-A-1-H MS	Matrix Spike	T	Water	7470A	460-281390
460-90455-1	MW-1	T	Water	7470A	460-281390
460-90455-2	MW-1D	T	Water	7470A	460-281390
460-90455-3	MW-2	T	Water	7470A	460-281390
460-90455-4	MW-3	T	Water	7470A	460-281390
460-90455-5	MW-4	T	Water	7470A	460-281390
Prep Batch: 460-281481					
LCS 460-281481/2-A	Lab Control Sample	T	Water	3010A	
MB 460-281481/1-A	Method Blank	T	Water	3010A	
460-90417-C-2-A DU	Duplicate	T	Water	3010A	
460-90417-J-2-A MS	Matrix Spike	T	Water	3010A	
460-90455-1	MW-1	T	Water	3010A	
460-90455-2	MW-1D	T	Water	3010A	
460-90455-3	MW-2	T	Water	3010A	
460-90455-4	MW-3	T	Water	3010A	
460-90455-5	MW-4	T	Water	3010A	
Prep Batch: 460-281634					
LCS 460-281634/2-A	Lab Control Sample	T	Water	3010A	
MB 460-281634/1-A	Method Blank	T	Water	3010A	
460-90455-1	MW-1	D	Water	3010A	
460-90455-2	MW-1D	D	Water	3010A	
460-90455-3	MW-2	D	Water	3010A	
460-90455-4	MW-3	D	Water	3010A	
460-90455-5	MW-4	D	Water	3010A	
460-90546-A-1-A DU	Duplicate	D	Water	3010A	
460-90546-A-1-A DU ^1	Duplicate	D	Water	3010A	
460-90546-I-1-B MS	Matrix Spike	D	Water	3010A	
460-90546-I-1-B MS ^1	Matrix Spike	D	Water	3010A	

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-281712					
LCS 460-281712/11-A	Lab Control Sample	T	Water	7470A	
MB 460-281711/1-B	Method Blank	D	Water	7470A	
460-90455-1	MW-1	D	Water	7470A	
460-90455-2	MW-1D	D	Water	7470A	
460-90455-3	MW-2	D	Water	7470A	
460-90455-4	MW-3	D	Water	7470A	
460-90455-5	MW-4	D	Water	7470A	
460-90546-A-1-B DU	Duplicate	D	Water	7470A	
460-90546-I-1-D MS	Matrix Spike	D	Water	7470A	
Analysis Batch:460-281754					
LCS 460-281712/11-A	Lab Control Sample	T	Water	7470A	460-281712
MB 460-281711/1-B	Method Blank	D	Water	7470A	460-281712
460-90455-1	MW-1	D	Water	7470A	460-281712
460-90455-2	MW-1D	D	Water	7470A	460-281712
460-90455-3	MW-2	D	Water	7470A	460-281712
460-90455-4	MW-3	D	Water	7470A	460-281712
460-90455-5	MW-4	D	Water	7470A	460-281712
460-90546-A-1-B DU	Duplicate	D	Water	7470A	460-281712
460-90546-I-1-D MS	Matrix Spike	D	Water	7470A	460-281712
Analysis Batch:460-281801					
LCS 460-281481/2-A	Lab Control Sample	T	Water	6010C	460-281481
MB 460-281481/1-A	Method Blank	T	Water	6010C	460-281481
460-90417-C-2-A DU	Duplicate	T	Water	6010C	460-281481
460-90417-J-2-A MS	Matrix Spike	T	Water	6010C	460-281481
460-90455-1	MW-1	T	Water	6010C	460-281481
460-90455-2	MW-1D	T	Water	6010C	460-281481
460-90455-3	MW-2	T	Water	6010C	460-281481
460-90455-4	MW-3	T	Water	6010C	460-281481
460-90455-5	MW-4	T	Water	6010C	460-281481

Client: FPM Group Limited

Job Number: 460-90455-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-281815					
MB 460-281481/1-A	Method Blank	T	Water	6010C	460-281481
LCS 460-281634/2-A	Lab Control Sample	T	Water	6010C	460-281634
MB 460-281634/1-A	Method Blank	T	Water	6010C	460-281634
460-90455-1	MW-1	T	Water	6010C	460-281481
460-90455-1	MW-1	D	Water	6010C	460-281634
460-90455-2	MW-1D	T	Water	6010C	460-281481
460-90455-2	MW-1D	D	Water	6010C	460-281634
460-90455-3	MW-2	T	Water	6010C	460-281481
460-90455-3	MW-2	D	Water	6010C	460-281634
460-90455-4	MW-3	T	Water	6010C	460-281481
460-90455-4	MW-3	D	Water	6010C	460-281634
460-90455-5	MW-4	T	Water	6010C	460-281481
460-90455-5	MW-4	D	Water	6010C	460-281634
460-90546-A-1-A DU	Duplicate	D	Water	6010C	460-281634
460-90546-A-1-A DU ^1	Duplicate	D	Water	6010C	460-281634
460-90546-I-1-B MS	Matrix Spike	D	Water	6010C	460-281634
460-90546-I-1-B MS ^1	Matrix Spike	D	Water	6010C	460-281634

Report Basis

D = Dissolved

T = Total

Client: FPM Group Limited

Job Number: 460-90455-1

Surrogate Recovery Report

8260C Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	BFB %Rec	DBFM %Rec	TOL %Rec
460-90455-1	MW-1	103	104	104	96
460-90455-2	MW-1D	99	100	103	91
460-90455-3	MW-2	104	103	108	94
460-90455-4	MW-3	99	97	102	93
460-90455-5	MW-4	100	99	104	92
460-90455-6	TB0210	100	102	100	91
MB 460-281717/8		101	106	103	93
MB 460-281872/8		101	104	107	95
LCS 460-281717/5		103	104	106	97
LCS 460-281872/4		95	97	99	92
460-90417-B-2 MS		98	97	100	93
460-90272-B-1 MS		94	93	97	91
460-90417-B-2 MSD		104	102	106	98
460-90272-B-1 MSD		95	93	98	91

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
BFB = 4-Bromofluorobenzene	64-135
DBFM = Dibromofluoromethane (Surr)	72-137
TOL = Toluene-d8 (Surr)	70-130

Client: FPM Group Limited

Job Number: 460-90455-1

Surrogate Recovery Report

8270D Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TBP %Rec	FBP %Rec	2FP %Rec	NBZ %Rec	PHL %Rec	TPH %Rec
460-90455-1	MW-1	219*	109	76	89	81	158*
460-90455-2	MW-1D	111	77	42	83	28	86
460-90455-3	MW-2	95	71	39	76	25	79
460-90455-4	MW-3	128*	78	42	82	29	88
460-90455-5	MW-4	127*	78	42	85	29	90
MB 460-281469/1-A		118	74	40	82	28	89
LCS 460-281469/2-A		99	74	38	68	21	73
LCS 460-281469/3-A		106	71	38	79	25	84
460-90460-D-1-A MS		119	83	43	81	27	73
460-90460-D-1-B MSD		118	91	44	85	27	67*

Surrogate	Acceptance Limits
TBP = 2,4,6-Tribromophenol (Surr)	51-126
FBP = 2-Fluorobiphenyl	50-120
2FP = 2-Fluorophenol (Surr)	15-96
NBZ = Nitrobenzene-d5 (Surr)	60-114
PHL = Phenol-d5 (Surr)	4-86
TPH = Terphenyl-d14 (Surr)	72-130

Client: FPM Group Limited

Job Number: 460-90455-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
460-90455-1	MW-1	91	95	69	79
460-90455-2	MW-1D	102	108	74	88
460-90455-3	MW-2	84	85	83	94
460-90455-4	MW-3	59	62	87	95
460-90455-5	MW-4	67	70	85	89
MB 460-281375/1-A		57	50	67	79
LB 460-281251/1-C		96	89	63	71
LB 460-281200/1-C		83	87	83	86
LCS 460-281375/2-A		41	41	73	92

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	26-150
TCX = Tetrachloro-m-xylene	50-147

Client: FPM Group Limited

Job Number: 460-90455-1

Surrogate Recovery Report

8081B Organochlorine Pesticides (GC)

Client Matrix: Water TCLP

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec	TCX1 %Rec	TCX2 %Rec
460-90396-A-14-C MS		92	84	75	76
460-90396-A-14-D MSD		114	106	121	84

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	26-150
TCX = Tetrachloro-m-xylene	50-147

Client: FPM Group Limited

Job Number: 460-90455-1

Surrogate Recovery Report

8082A Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-90455-1	MW-1	81	89
460-90455-2	MW-1D	87	97
460-90455-3	MW-2	77	85
460-90455-4	MW-3	50	57
460-90455-5	MW-4	63	72
MB 460-281369/1-A		65	61
LCS 460-281369/2-A		63	60
LCSD 460-281369/3-A		57	54

Surrogate	Acceptance Limits
DCB = DCB Decachlorobiphenyl	13-150

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281717

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-281717/8	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24197.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 0901	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 0901				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281717

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-281717/8	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24197.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 0901	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 0901				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 130
4-Bromofluorobenzene	106	64 - 135
Dibromofluoromethane (Surr)	103	72 - 137
Toluene-d8 (Surr)	93	70 - 130

Method Blank TICs- Batch: 460-281717

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281717

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-281717/5	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24194.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 0744	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 0744				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	23.0	115	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	17.1	85	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	26.0	130	60 - 144	
1,1,2-Trichloroethane	20.0	18.5	92	68 - 121	
1,1-Dichloroethane	20.0	20.7	103	75 - 126	
1,1-Dichloroethene	20.0	22.4	112	71 - 123	
1,2,3-Trichlorobenzene	20.0	32.5	163	72 - 135	*
1,2,4-Trichlorobenzene	20.0	23.9	119	76 - 129	
1,2-Dichloropropane	20.0	17.4	87	70 - 120	
1,3-Dichlorobenzene	20.0	20.5	102	75 - 120	
1,4-Dichlorobenzene	20.0	20.0	100	75 - 120	
1,4-Dioxane	400	415	104	46 - 150	
2-Butanone (MEK)	100	97.2	97	52 - 140	
2-Hexanone	100	81.2	81	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	83.6	84	56 - 132	
Acetone	100	109	109	26 - 150	
Benzene	20.0	21.2	106	69 - 125	
Bromoform	20.0	20.9	105	50 - 134	
Bromomethane	20.0	18.1	90	27 - 150	
Carbon disulfide	20.0	22.3	111	61 - 126	
Carbon tetrachloride	20.0	24.4	122	58 - 150	
Chlorobenzene	20.0	20.4	102	77 - 120	
Chlorobromomethane	20.0	23.7	118	70 - 134	
Chlorodibromomethane	20.0	22.0	110	63 - 131	
Chloroethane	20.0	18.6	93	58 - 145	
Chloroform	20.0	22.7	114	81 - 122	
Chloromethane	20.0	18.0	90	43 - 145	
cis-1,2-Dichloroethene	20.0	21.4	107	78 - 121	
cis-1,3-Dichloropropene	20.0	19.2	96	71 - 120	
Cyclohexane	20.0	20.9	104	62 - 135	
Dichlorobromomethane	20.0	20.7	104	72 - 123	
Dichlorodifluoromethane	20.0	23.7	118	40 - 150	
Ethylbenzene	20.0	20.7	103	74 - 120	
Ethylene Dibromide	20.0	19.5	97	77 - 117	
Isopropylbenzene	20.0	21.5	107	74 - 127	
Methyl acetate	100	75.8	76	62 - 140	
Methyl tert-butyl ether	20.0	21.2	106	73 - 125	
Methylcyclohexane	20.0	23.7	118	64 - 136	
Methylene Chloride	20.0	21.7	108	76 - 123	
m-Xylene & p-Xylene	20.0	20.3	101	78 - 119	
o-Xylene	20.0	20.1	100	79 - 120	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281717

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-281717/5	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24194.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 0744	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 0744				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	20.0	19.2	96	76 - 120	
Tetrachloroethene	20.0	23.0	115	70 - 136	
Toluene	20.0	19.8	99	78 - 120	
trans-1,2-Dichloroethene	20.0	22.4	112	79 - 120	
trans-1,3-Dichloropropene	20.0	18.2	91	71 - 123	
Trichloroethene	20.0	20.6	103	74 - 120	
Trichlorofluoromethane	20.0	26.5	132	65 - 142	
Vinyl chloride	20.0	20.7	104	56 - 137	
1,2-Dichloroethane	20.0	21.7	108	75 - 127	
1,2-Dichlorobenzene	20.0	21.4	107	81 - 120	
1,2-Dibromo-3-Chloropropane	20.0	22.2	111	53 - 136	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	103	70 - 130
4-Bromofluorobenzene	104	64 - 135
Dibromofluoromethane (Surr)	106	72 - 137
Toluene-d8 (Surr)	97	70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281717

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-90417-B-2 MS	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24203.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1136			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1136				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90417-B-2 MSD	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24204.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1159			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1159				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	109	112	73 - 134	2	30		
1,1,2,2-Tetrachloroethane	82	82	55 - 133	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	88	96	60 - 144	8	30		
1,1,2-Trichloroethane	91	93	68 - 121	2	30		
1,1-Dichloroethane	99	101	75 - 126	2	30		
1,1-Dichloroethene	92	105	71 - 123	13	30		
1,2,3-Trichlorobenzene	84	145	72 - 135	54	30		*
1,2,4-Trichlorobenzene	92	111	76 - 129	19	30		
1,2-Dichloropropane	85	89	70 - 120	5	30		
1,3-Dichlorobenzene	97	101	75 - 120	4	30		
1,4-Dichlorobenzene	96	101	75 - 120	5	30		
1,4-Dioxane	94	94	46 - 150	0	30		
2-Butanone (MEK)	90	89	52 - 140	2	30		
2-Hexanone	80	79	49 - 131	1	30		
4-Methyl-2-pentanone (MIBK)	83	83	56 - 132	0	30		
Acetone	77	81	26 - 150	5	30		
Benzene	101	100	69 - 125	0	30		
Bromoform	79	80	50 - 134	1	30		
Bromomethane	90	89	27 - 150	2	30		
Carbon disulfide	68	74	61 - 126	8	30		
Carbon tetrachloride	113	117	58 - 150	4	30		
Chlorobenzene	98	101	77 - 120	3	30		
Chlorobromomethane	110	112	70 - 134	2	30		
Chlorodibromomethane	93	94	63 - 131	2	30		
Chloroethane	95	95	58 - 145	0	30		
Chloroform	108	111	81 - 122	2	30		
Chloromethane	79	88	43 - 145	11	30		
cis-1,2-Dichloroethene	96	97	78 - 121	1	30		
cis-1,3-Dichloropropene	85	88	71 - 120	3	30		
Cyclohexane	98	99	62 - 135	2	30		
Dichlorobromomethane	95	99	72 - 123	4	30		
Dichlorodifluoromethane	123	129	40 - 150	5	30		

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281717

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-90417-B-2 MS	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24203.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1136			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1136				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90417-B-2 MSD	Analysis Batch:	460-281717	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24204.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/17/2015 1159			Final Weight/Volume:	5 mL
Prep Date:	02/17/2015 1159				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ethylbenzene	101	102	74 - 120	1	30		
Ethylene Dibromide	95	96	77 - 117	1	30		
Isopropylbenzene	104	103	74 - 127	1	30		
Methyl acetate	69	70	62 - 140	1	30		
Methyl tert-butyl ether	100	102	73 - 125	3	30		
Methylcyclohexane	114	116	64 - 136	1	30		
Methylene Chloride	100	101	76 - 123	1	30		
m-Xylene & p-Xylene	97	100	78 - 119	2	30		
o-Xylene	97	98	79 - 120	1	30		
Styrene	88	90	76 - 120	3	30		
Tetrachloroethene	110	111	70 - 136	1	30		
Toluene	96	97	78 - 120	1	30		
trans-1,2-Dichloroethene	104	106	79 - 120	2	30		
trans-1,3-Dichloropropene	82	86	71 - 123	4	30		
Trichloroethene	99	101	74 - 120	2	30		
Trichlorofluoromethane	113	131	65 - 142	14	30		
Vinyl chloride	97	96	56 - 137	1	30		
1,2-Dichloroethane	105	107	75 - 127	2	30		
1,2-Dichlorobenzene	99	106	81 - 120	7	30		
1,2-Dibromo-3-Chloropropane	94	107	53 - 136	13	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98	104	70 - 130
4-Bromofluorobenzene	97	102	64 - 135
Dibromofluoromethane (Surr)	100	106	72 - 137
Toluene-d8 (Surr)	93	98	70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281872

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-281872/8	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0839	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0839				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.060	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.16	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.080	1.0
1,1,2-Trichloroethane	1.0	U	0.19	1.0
1,1-Dichloroethane	1.0	U	0.13	1.0
1,1-Dichloroethene	1.0	U	0.090	1.0
1,2,3-Trichlorobenzene	1.0	U	0.51	1.0
1,2,4-Trichlorobenzene	1.0	U	0.34	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.14	1.0
1,4-Dichlorobenzene	1.0	U	0.23	1.0
1,4-Dioxane	50	U	36	50
2-Butanone (MEK)	5.0	U	2.3	5.0
2-Hexanone	5.0	U	0.50	5.0
4-Methyl-2-pentanone (MIBK)	5.0	U	0.99	5.0
Acetone	5.0	U	2.7	5.0
Benzene	1.0	U	0.080	1.0
Bromoform	1.0	U	0.19	1.0
Bromomethane	1.0	U	0.18	1.0
Carbon disulfide	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.060	1.0
Chlorobenzene	1.0	U	0.11	1.0
Chlorobromomethane	1.0	U	0.27	1.0
Chlorodibromomethane	1.0	U	0.20	1.0
Chloroethane	1.0	U	0.17	1.0
Chloroform	1.0	U	0.080	1.0
Chloromethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.18	1.0
cis-1,3-Dichloropropene	1.0	U	0.18	1.0
Cyclohexane	1.0	U	0.16	1.0
Dichlorobromomethane	1.0	U	0.12	1.0
Dichlorodifluoromethane	1.0	U	0.22	1.0
Ethylbenzene	1.0	U	0.10	1.0
Ethylene Dibromide	1.0	U	0.28	1.0
Isopropylbenzene	1.0	U	0.080	1.0
Methyl acetate	5.0	U	0.34	5.0
Methyl tert-butyl ether	1.0	U	0.14	1.0
Methylcyclohexane	1.0	U	0.14	1.0
Methylene Chloride	1.0	U	0.18	1.0
m-Xylene & p-Xylene	1.0	U	0.25	1.0
o-Xylene	1.0	U	0.13	1.0
Styrene	1.0	U	0.12	1.0
Tetrachloroethene	1.0	U	0.10	1.0
Toluene	1.0	U	0.15	1.0
trans-1,2-Dichloroethene	1.0	U	0.13	1.0

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281872

Method: 8260C
Preparation: 5030C

Lab Sample ID:	MB 460-281872/8	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24255.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0839	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0839				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
trans-1,3-Dichloropropene	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.090	1.0
Trichlorofluoromethane	1.0	U	0.15	1.0
Vinyl chloride	1.0	U	0.14	1.0
1,2-Dichloroethane	1.0	U	0.19	1.0
1,2-Dichlorobenzene	1.0	U	0.21	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.40	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	101	70 - 130
4-Bromofluorobenzene	104	64 - 135
Dibromofluoromethane (Surr)	107	72 - 137
Toluene-d8 (Surr)	95	70 - 130

Method Blank TICs- Batch: 460-281872

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Tentatively Identified Compound		None	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281872

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-281872/4	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24251.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0706	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0706				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	21.7	108	73 - 134	
1,1,2,2-Tetrachloroethane	20.0	17.4	87	55 - 133	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.4	107	60 - 144	
1,1,2-Trichloroethane	20.0	18.3	91	68 - 121	
1,1-Dichloroethane	20.0	20.2	101	75 - 126	
1,1-Dichloroethene	20.0	23.4	117	71 - 123	
1,2,3-Trichlorobenzene	20.0	29.7	149	72 - 135	*
1,2,4-Trichlorobenzene	20.0	23.5	117	76 - 129	
1,2-Dichloropropane	20.0	17.6	88	70 - 120	
1,3-Dichlorobenzene	20.0	20.4	102	75 - 120	
1,4-Dichlorobenzene	20.0	20.2	101	75 - 120	
1,4-Dioxane	400	406	102	46 - 150	
2-Butanone (MEK)	100	112	112	52 - 140	
2-Hexanone	100	81.6	82	49 - 131	
4-Methyl-2-pentanone (MIBK)	100	79.5	80	56 - 132	
Acetone	100	115	115	26 - 150	
Benzene	20.0	20.2	101	69 - 125	
Bromoform	20.0	19.7	98	50 - 134	
Bromomethane	20.0	21.0	105	27 - 150	
Carbon disulfide	20.0	19.1	95	61 - 126	
Carbon tetrachloride	20.0	22.9	114	58 - 150	
Chlorobenzene	20.0	20.0	100	77 - 120	
Chlorobromomethane	20.0	22.9	114	70 - 134	
Chlorodibromomethane	20.0	21.1	105	63 - 131	
Chloroethane	20.0	21.5	107	58 - 145	
Chloroform	20.0	22.0	110	81 - 122	
Chloromethane	20.0	18.4	92	43 - 145	
cis-1,2-Dichloroethene	20.0	20.5	102	78 - 121	
cis-1,3-Dichloropropene	20.0	18.4	92	71 - 120	
Cyclohexane	20.0	19.9	99	62 - 135	
Dichlorobromomethane	20.0	20.2	101	72 - 123	
Dichlorodifluoromethane	20.0	17.3	87	40 - 150	
Ethylbenzene	20.0	20.2	101	74 - 120	
Ethylene Dibromide	20.0	19.1	95	77 - 117	
Isopropylbenzene	20.0	21.1	105	74 - 127	
Methyl acetate	100	71.0	71	62 - 140	
Methyl tert-butyl ether	20.0	20.3	101	73 - 125	
Methylcyclohexane	20.0	23.1	116	64 - 136	
Methylene Chloride	20.0	20.9	105	76 - 123	
m-Xylene & p-Xylene	20.0	19.8	99	78 - 119	
o-Xylene	20.0	19.6	98	79 - 120	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281872

Method: 8260C
Preparation: 5030C

Lab Sample ID:	LCS 460-281872/4	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24251.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 0706	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 0706				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	20.0	19.3	96	76 - 120	
Tetrachloroethene	20.0	22.1	110	70 - 136	
Toluene	20.0	19.4	97	78 - 120	
trans-1,2-Dichloroethene	20.0	21.3	107	79 - 120	
trans-1,3-Dichloropropene	20.0	17.6	88	71 - 123	
Trichloroethene	20.0	20.1	101	74 - 120	
Trichlorofluoromethane	20.0	25.8	129	65 - 142	
Vinyl chloride	20.0	21.6	108	56 - 137	
1,2-Dichloroethane	20.0	21.1	106	75 - 127	
1,2-Dichlorobenzene	20.0	21.1	106	81 - 120	
1,2-Dibromo-3-Chloropropane	20.0	21.6	108	53 - 136	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	70 - 130
4-Bromofluorobenzene	97	64 - 135
Dibromofluoromethane (Surr)	99	72 - 137
Toluene-d8 (Surr)	92	70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281872

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-90272-B-1 MS	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24258.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 1001			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 1001				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90272-B-1 MSD	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24259.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 1025			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 1025				5 mL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,1-Trichloroethane	108	108	73 - 134	0	30		
1,1,2,2-Tetrachloroethane	85	83	55 - 133	2	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	99	115	60 - 144	15	30		
1,1,2-Trichloroethane	89	89	68 - 121	0	30		
1,1-Dichloroethane	100	100	75 - 126	0	30		
1,1-Dichloroethene	115	114	71 - 123	1	30		
1,2,3-Trichlorobenzene	93	131	72 - 135	34	30		*
1,2,4-Trichlorobenzene	101	114	76 - 129	12	30		
1,2-Dichloropropane	85	84	70 - 120	1	30		
1,3-Dichlorobenzene	98	98	75 - 120	0	30		
1,4-Dichlorobenzene	98	100	75 - 120	2	30		
1,4-Dioxane	90	99	46 - 150	9	30		
2-Butanone (MEK)	95	96	52 - 140	2	30		
2-Hexanone	73	71	49 - 131	3	30		
4-Methyl-2-pentanone (MIBK)	79	76	56 - 132	3	30		
Acetone	89	85	26 - 150	4	30		
Benzene	103	101	69 - 125	2	30		
Bromoform	86	87	50 - 134	2	30		
Bromomethane	110	113	27 - 150	2	30		
Carbon disulfide	75	82	61 - 126	9	30		
Carbon tetrachloride	111	113	58 - 150	2	30		
Chlorobenzene	98	98	77 - 120	0	30		
Chlorobromomethane	113	112	70 - 134	1	30		
Chlorodibromomethane	97	98	63 - 131	0	30		
Chloroethane	113	111	58 - 145	1	30		
Chloroform	108	108	81 - 122	0	30		
Chloromethane	89	95	43 - 145	6	30		
cis-1,2-Dichloroethene	105	103	78 - 121	2	30		
cis-1,3-Dichloropropene	82	88	71 - 120	7	30		
Cyclohexane	101	99	62 - 135	2	30		
Dichlorobromomethane	96	97	72 - 123	2	30		
Dichlorodifluoromethane	125	123	40 - 150	1	30		

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281872

Method: 8260C
Preparation: 5030C

MS Lab Sample ID:	460-90272-B-1 MS	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24258.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 1001			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 1001				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90272-B-1 MSD	Analysis Batch:	460-281872	Instrument ID:	CVOAMS6
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	F24259.D
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	02/18/2015 1025			Final Weight/Volume:	5 mL
Prep Date:	02/18/2015 1025				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Ethylbenzene	99	100	74 - 120	1	30		
Ethylene Dibromide	93	92	77 - 117	1	30		
Isopropylbenzene	103	102	74 - 127	1	30		
Methyl acetate	74	67	62 - 140	10	30		
Methyl tert-butyl ether	101	99	73 - 125	1	30		
Methylcyclohexane	114	114	64 - 136	0	30		
Methylene Chloride	106	104	76 - 123	2	30		
m-Xylene & p-Xylene	97	96	78 - 119	1	30		
o-Xylene	97	97	79 - 120	0	30		
Styrene	95	94	76 - 120	0	30		
Tetrachloroethene	109	107	70 - 136	2	30		
Toluene	96	95	78 - 120	1	30		
trans-1,2-Dichloroethene	107	106	79 - 120	1	30		
trans-1,3-Dichloropropene	78	81	71 - 123	4	30		
Trichloroethene	98	98	74 - 120	1	30		
Trichlorofluoromethane	123	136	65 - 142	10	30		
Vinyl chloride	114	115	56 - 137	1	30		
1,2-Dichloroethane	105	103	75 - 127	1	30		
1,2-Dichlorobenzene	103	104	81 - 120	2	30		
1,2-Dibromo-3-Chloropropane	94	104	53 - 136	10	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	95	70 - 130
4-Bromofluorobenzene	93	93	64 - 135
Dibromofluoromethane (Surr)	97	98	72 - 137
Toluene-d8 (Surr)	91	91	70 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281469

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-281469/1-A	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14131.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0347	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	10	U	1.8	10
1,2,4,5-Tetrachlorobenzene	10	U	1.8	10
2,2'-oxybis[1-chloropropane]	10	U	1.3	10
2,3,4,6-Tetrachlorophenol	10	U	0.89	10
2,4,5-Trichlorophenol	10	U	2.2	10
2,4,6-Trichlorophenol	10	U	1.4	10
2,4-Dichlorophenol	10	U	1.1	10
2,4-Dimethylphenol	10	U	1.2	10
2,4-Dinitrophenol	20	U	2.0	20
2,4-Dinitrotoluene	2.0	U	0.28	2.0
2,6-Dinitrotoluene	2.0	U	0.27	2.0
2-Chloronaphthalene	10	U	1.3	10
2-Chlorophenol	10	U	0.93	10
2-Methylnaphthalene	10	U	1.5	10
2-Methylphenol	10	U	1.4	10
2-Nitroaniline	10	U	2.0	10
2-Nitrophenol	10	U	0.68	10
3,3'-Dichlorobenzidine	10	U	3.2	10
3-Nitroaniline	10	U	2.9	10
4,6-Dinitro-2-methylphenol	20	U	3.0	20
4-Bromophenyl phenyl ether	10	U	1.1	10
4-Chloro-3-methylphenol	10	U	1.1	10
4-Chloroaniline	10	U	0.32	10
4-Chlorophenyl phenyl ether	10	U	1.5	10
4-Methylphenol	10	U	1.0	10
4-Nitroaniline	10	U	2.9	10
4-Nitrophenol	20	U	2.0	20
Acenaphthene	10	U	1.1	10
Acenaphthylene	10	U	1.8	10
Acetophenone	10	U	0.89	10
Anthracene	10	U	0.85	10
Atrazine	2.0	U	1.0	2.0
Benzaldehyde	10	U	2.1	10
Benzo[a]anthracene	1.0	U	0.18	1.0
Benzo[a]pyrene	1.0	U	0.14	1.0
Benzo[b]fluoranthene	1.0	U	0.21	1.0
Benzo[g,h,i]perylene	10	U	0.93	10
Benzo[k]fluoranthene	1.0	U	0.14	1.0
Bis(2-chloroethoxy)methane	10	U	1.0	10
Bis(2-chloroethyl)ether	1.0	U	0.30	1.0
Bis(2-ethylhexyl) phthalate	2.0	U	0.81	2.0
Butyl benzyl phthalate	10	U	1.4	10
Caprolactam	10	U	0.91	10
Carbazole	10	U	1.2	10
Chrysene	2.0	U	1.4	2.0

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281469

Method: 8270D
Preparation: 3510C

Lab Sample ID:	MB 460-281469/1-A	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14131.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0347	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dibenz(a,h)anthracene	1.0	U	0.16	1.0
Dibenzofuran	10	U	1.5	10
Diethyl phthalate	10	U	1.4	10
Dimethyl phthalate	10	U	1.1	10
Di-n-butyl phthalate	10	U	1.0	10
Di-n-octyl phthalate	10	U	0.88	10
Fluoranthene	10	U	1.1	10
Fluorene	10	U	1.7	10
Hexachlorobenzene	1.0	U	0.20	1.0
Hexachlorobutadiene	1.0	U	0.68	1.0
Hexachlorocyclopentadiene	10	U	1.5	10
Hexachloroethane	1.0	U	0.15	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.11	1.0
Isophorone	10	U	1.3	10
Naphthalene	10	U	2.0	10
Nitrobenzene	1.0	U	0.34	1.0
N-Nitrosodi-n-propylamine	1.0	U	0.27	1.0
N-Nitrosodiphenylamine	10	U	1.0	10
Pentachlorophenol	20	U	2.7	20
Phenanthrene	10	U	1.2	10
Phenol	10	U	0.60	10
Pyrene	10	U	1.1	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	118	51 - 126
2-Fluorobiphenyl	74	50 - 120
2-Fluorophenol (Surr)	40	15 - 96
Nitrobenzene-d5 (Surr)	82	60 - 114
Phenol-d5 (Surr)	28	4 - 86
Terphenyl-d14 (Surr)	89	72 - 130

Method Blank TICs- Batch: 460-281469

Cas Number	Analyte	RT	Est. Result (ug/L	Qual
	Unknown	7.83	11.9	J

Lab Control Sample - Batch: 460-281469 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	LCS 460-281469/3-A	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14134.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0501	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Atrazine	160	172	108	56 - 116	
Benzaldehyde	160	128	80	52 - 150	
Caprolactam	160	53.5	33	10 - 30	*

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	106	51 - 126
2-Fluorobiphenyl	71	50 - 120
2-Fluorophenol (Surr)	38	15 - 96
Nitrobenzene-d5 (Surr)	79	60 - 114
Phenol-d5 (Surr)	25	4 - 86
Terphenyl-d14 (Surr)	84	72 - 130

Lab Control Sample - Batch: 460-281469 **Method: 8270D**
Preparation: 3510C

Lab Sample ID:	LCS 460-281469/2-A	Analysis Batch:	460-281963	Instrument ID:	CBNAMS14
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	N3099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 1522	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	80.0	67.2	84	66 - 112	
1,2,4,5-Tetrachlorobenzene	80.0	65.9	82	70 - 130	
2,2'-oxybis[1-chloropropane]	80.0	64.1	80	68 - 107	
2,3,4,6-Tetrachlorophenol	80.0	78.0	98	70 - 130	
2,4,5-Trichlorophenol	80.0	85.4	107	67 - 114	
2,4,6-Trichlorophenol	80.0	77.4	97	67 - 111	
2,4-Dichlorophenol	80.0	72.9	91	64 - 107	
2,4-Dimethylphenol	80.0	68.8	86	55 - 100	
2,4-Dinitrophenol	160	131	82	19 - 113	
2,4-Dinitrotoluene	80.0	74.7	93	65 - 113	
2,6-Dinitrotoluene	80.0	75.3	94	68 - 114	
2-Chloronaphthalene	80.0	66.5	83	65 - 107	
2-Chlorophenol	80.0	60.4	75	53 - 101	
2-Methylnaphthalene	80.0	60.8	76	66 - 102	
2-Methylphenol	80.0	50.0	62	40 - 90	
2-Nitroaniline	80.0	59.2	74	73 - 116	
2-Nitrophenol	80.0	74.5	93	65 - 107	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281469

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 460-281469/2-A	Analysis Batch:	460-281963	Instrument ID:	CBNAMS14
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	N3099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 1522	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3,3'-Dichlorobenzidine	80.0	86.0	107	69 - 129	
3-Nitroaniline	80.0	70.0	88	59 - 108	
4,6-Dinitro-2-methylphenol	160	163	102	58 - 115	
4-Bromophenyl phenyl ether	80.0	81.3	102	66 - 110	
4-Chloro-3-methylphenol	80.0	67.7	85	57 - 106	
4-Chloroaniline	80.0	66.6	83	58 - 105	
4-Chlorophenyl phenyl ether	80.0	71.1	89	68 - 105	
4-Methylphenol	80.0	46.7	58	30 - 75	
4-Nitroaniline	80.0	77.2	97	49 - 119	
4-Nitrophenol	160	43.1	27	10 - 44	
Acenaphthene	80.0	62.1	78	66 - 108	
Acenaphthylene	80.0	69.8	87	67 - 107	
Acetophenone	80.0	68.5	86	68 - 109	
Anthracene	80.0	76.1	95	68 - 108	
Benzo[a]anthracene	80.0	78.6	98	65 - 106	
Benzo[a]pyrene	80.0	80.4	100	58 - 101	
Benzo[b]fluoranthene	80.0	77.7	97	65 - 111	
Benzo[g,h,i]perylene	80.0	73.5	92	65 - 134	
Benzo[k]fluoranthene	80.0	77.0	96	66 - 114	
Bis(2-chloroethoxy)methane	80.0	70.3	88	69 - 108	
Bis(2-chloroethyl)ether	80.0	64.0	80	62 - 108	
Bis(2-ethylhexyl) phthalate	80.0	71.1	89	66 - 114	
Butyl benzyl phthalate	80.0	73.0	91	66 - 115	
Carbazole	80.0	80.9	101	67 - 110	
Chrysene	80.0	74.7	93	68 - 112	
Dibenz(a,h)anthracene	80.0	74.1	93	67 - 124	
Dibenzofuran	80.0	70.5	88	68 - 105	
Diethyl phthalate	80.0	74.0	92	66 - 109	
Dimethyl phthalate	80.0	74.7	93	69 - 111	
Di-n-butyl phthalate	80.0	84.7	106	68 - 111	
Di-n-octyl phthalate	80.0	73.8	92	51 - 115	
Fluoranthene	80.0	85.5	107	68 - 108	
Fluorene	80.0	69.7	87	68 - 105	
Hexachlorobenzene	80.0	88.9	111	65 - 107	*
Hexachlorobutadiene	80.0	56.7	71	52 - 99	
Hexachlorocyclopentadiene	80.0	51.7	65	40 - 105	
Hexachloroethane	80.0	48.0	60	50 - 99	
Indeno[1,2,3-cd]pyrene	80.0	74.0	92	68 - 121	
Isophorone	80.0	63.4	79	68 - 108	
Naphthalene	80.0	62.2	78	63 - 101	
Nitrobenzene	80.0	62.6	78	66 - 106	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281469

Method: 8270D
Preparation: 3510C

Lab Sample ID:	LCS 460-281469/2-A	Analysis Batch:	460-281963	Instrument ID:	CBNAMS14
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	N3099.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 1522	Units:	ug/L	Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
N-Nitrosodi-n-propylamine	80.0	61.5	77	70 - 109	
N-Nitrosodiphenylamine	80.0	80.9	101	71 - 121	
Pentachlorophenol	160	148	92	55 - 116	
Phenanthrene	80.0	77.0	96	68 - 110	
Phenol	80.0	25.0	31	12 - 44	
Pyrene	80.0	67.6	84	61 - 110	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	99	51 - 126
2-Fluorobiphenyl	74	50 - 120
2-Fluorophenol (Surr)	38	15 - 96
Nitrobenzene-d5 (Surr)	68	60 - 114
Phenol-d5 (Surr)	21	4 - 86
Terphenyl-d14 (Surr)	73	72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281469

Method: 8270D
Preparation: 3510C

MS Lab Sample ID:	460-90460-D-1-A MS	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0526			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90460-D-1-B MSD	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0550			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1'-Biphenyl	99	110	66 - 112	10	30		
1,2,4,5-Tetrachlorobenzene	97	111	70 - 130	13	30		
2,2'-oxybis[1-chloropropane]	72	75	68 - 107	3	30		
2,3,4,6-Tetrachlorophenol	119	125	70 - 130	5	30		
2,4,5-Trichlorophenol	117	123	67 - 114	5	30	*	*
2,4,6-Trichlorophenol	109	119	67 - 111	9	30		*
2,4-Dichlorophenol	98	104	64 - 107	6	30		
2,4-Dimethylphenol	95	99	55 - 100	4	30		
2,4-Dinitrophenol	98	100	19 - 113	2	30		
2,4-Dinitrotoluene	118	121	65 - 113	2	30	*	*
2,6-Dinitrotoluene	108	118	68 - 114	9	30		*
2-Chloronaphthalene	96	106	65 - 107	10	30		
2-Chlorophenol	86	90	53 - 101	4	30		
2-Methylnaphthalene	98	102	66 - 102	4	30		
2-Methylphenol	73	73	40 - 90	1	30		
2-Nitroaniline	100	108	73 - 116	7	30		
2-Nitrophenol	106	111	65 - 107	5	30		*
3,3'-Dichlorobenzidine	41	48	69 - 129	17	30	*	*
3-Nitroaniline	89	91	59 - 108	2	30		
4,6-Dinitro-2-methylphenol	113	122	58 - 115	7	30		*
4-Bromophenyl phenyl ether	110	122	66 - 110	11	30		*
4-Chloro-3-methylphenol	100	100	57 - 106	1	30		
4-Chloroaniline	77	82	58 - 105	6	30		
4-Chlorophenyl phenyl ether	109	116	68 - 105	6	30	*	*
4-Methylphenol	62	61	30 - 75	1	30		
4-Nitroaniline	97	102	49 - 119	5	30		
4-Nitrophenol	40	40	10 - 44	0	30		
Acenaphthene	98	108	66 - 108	10	30		
Acenaphthylene	99	108	67 - 107	9	30		*
Acetophenone	101	104	68 - 109	2	30		
Anthracene	104	116	68 - 108	11	30		*
Atrazine	75	88	56 - 116	16	30		

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281469

Method: 8270D
Preparation: 3510C

MS Lab Sample ID:	460-90460-D-1-A MS	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0526			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90460-D-1-B MSD	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0550			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Benzaldehyde	64	67	52 - 150	5	30		
Benzo[a]anthracene	105	113	65 - 106	7	30		*
Benzo[a]pyrene	111	118	58 - 101	6	30	*	*
Benzo[b]fluoranthene	105	112	65 - 111	6	30		*
Benzo[g,h,i]perylene	111	120	65 - 134	8	30		
Benzo[k]fluoranthene	108	116	66 - 114	8	30		*
Bis(2-chloroethoxy)methane	99	104	69 - 108	5	30		
Bis(2-chloroethyl)ether	96	100	62 - 108	4	30		
Bis(2-ethylhexyl) phthalate	121	128	66 - 114	5	30	*	*
Butyl benzyl phthalate	107	113	66 - 115	5	30		
Caprolactam	23	23	10 - 30	0	30		
Carbazole	107	123	67 - 110	14	30		*
Chrysene	103	112	68 - 112	8	30		
Dibenz(a,h)anthracene	111	120	67 - 124	8	30		
Dibenzofuran	104	110	68 - 105	6	30		*
Diethyl phthalate	116	118	66 - 109	2	30	*	*
Dimethyl phthalate	113	118	69 - 111	4	30	*	*
Di-n-butyl phthalate	120	134	68 - 111	11	30	*	*
Di-n-octyl phthalate	106	111	51 - 115	4	30		
Fluoranthene	115	134	68 - 108	15	30	*	*
Fluorene	107	115	68 - 105	7	30	*	*
Hexachlorobenzene	118	130	65 - 107	10	30	*	*
Hexachlorobutadiene	87	84	52 - 99	3	30		
Hexachlorocyclopentadiene	88	102	40 - 105	15	30		
Hexachloroethane	74	63	50 - 99	16	30		
Indeno[1,2,3-cd]pyrene	122	136	68 - 121	11	30	*	*
Isophorone	91	95	68 - 108	3	30		
Naphthalene	96	98	63 - 101	1	30		
Nitrobenzene	93	100	66 - 106	7	30		
N-Nitrosodi-n-propylamine	95	98	70 - 109	2	30		
N-Nitrosodiphenylamine	106	119	71 - 121	12	30		
Pentachlorophenol	110	122	55 - 116	11	30		*

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281469

Method: 8270D
Preparation: 3510C

MS Lab Sample ID:	460-90460-D-1-A MS	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14135.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0526			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-90460-D-1-B MSD	Analysis Batch:	460-281851	Instrument ID:	CBNAMS13
Client Matrix:	Water	Prep Batch:	460-281469	Lab File ID:	C14136.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/18/2015 0550			Final Weight/Volume:	2 mL
Prep Date:	02/13/2015 1552			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	105	116	68 - 110	10	30		*
Phenol	38	38	12 - 44	0	30		
Pyrene	81	78	61 - 110	4	30		

Surrogate	MS % Rec	MSD % Rec		Acceptance Limits
2,4,6-Tribromophenol (Surr)	119	118		51 - 126
2-Fluorobiphenyl	83	91		50 - 120
2-Fluorophenol (Surr)	43	44		15 - 96
Nitrobenzene-d5 (Surr)	81	85		60 - 114
Phenol-d5 (Surr)	27	27		4 - 86
Terphenyl-d14 (Surr)	73	67	*	72 - 130

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281375

Method: 8081B
Preparation: 3510C

Lab Sample ID:	MB 460-281375/1-A	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1405	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	0.010	U	0.0095	0.010
4,4'-DDE	0.010	U	0.0080	0.010
4,4'-DDT	0.010	U	0.0085	0.010
Aldrin	0.010	U	0.0085	0.010
alpha-BHC	0.010	U	0.0045	0.010
beta-BHC	0.010	U	0.0065	0.010
Chlordane (technical)	0.25	U	0.11	0.25
delta-BHC	0.010	U	0.0060	0.010
Dieldrin	0.010	U	0.011	0.010
Endosulfan I	0.010	U	0.0080	0.010
Endosulfan II	0.010	U	0.0080	0.010
Endosulfan sulfate	0.010	U	0.0080	0.010
Endrin	0.010	U	0.0085	0.010
Endrin aldehyde	0.010	U	0.0080	0.010
Endrin ketone	0.010	U	0.0080	0.010
gamma-BHC (Lindane)	0.010	U	0.0070	0.010
Heptachlor	0.010	U	0.0070	0.010
Heptachlor epoxide	0.010	U	0.0080	0.010
Methoxychlor	0.010	U	0.0075	0.010
Toxaphene	0.25	U	0.17	0.25

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	57	26 - 150
Tetrachloro-m-xylene	79	50 - 147

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	50	26 - 150
Tetrachloro-m-xylene	67	50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

TCLP SPLPE Leachate Blank - Batch: 460-281375

Method: 8081B
Preparation: 3510C

Lab Sample ID:	LB 460-281251/1-C	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020026.D
Dilution:	1.0	Leach Batch:	460-281251	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1552	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	02/12/2015 1700			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	0.010	U	0.0095	0.010
4,4'-DDE	0.010	U	0.0080	0.010
4,4'-DDT	0.010	U	0.0085	0.010
Aldrin	0.010	U	0.0085	0.010
alpha-BHC	0.010	U	0.0045	0.010
beta-BHC	0.010	U	0.0065	0.010
Chlordane (technical)	0.25	U	0.11	0.25
delta-BHC	0.010	U	0.0060	0.010
Dieldrin	0.010	U	0.011	0.010
Endosulfan I	0.010	U	0.0080	0.010
Endosulfan II	0.010	U	0.0080	0.010
Endosulfan sulfate	0.010	U	0.0080	0.010
Endrin	0.010	U	0.0085	0.010
Endrin aldehyde	0.010	U	0.0080	0.010
Endrin ketone	0.010	U	0.0080	0.010
gamma-BHC (Lindane)	0.010	U	0.0070	0.010
Heptachlor	0.010	U	0.0070	0.010
Heptachlor epoxide	0.010	U	0.0080	0.010
Methoxychlor	0.010	U	0.0075	0.010
Toxaphene	0.25	U	0.17	0.25

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	96	26 - 150
Tetrachloro-m-xylene	71	50 - 147

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	89	26 - 150
Tetrachloro-m-xylene	63	50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

TCLP SPLPE Leachate Blank - Batch: 460-281375

Method: 8081B
Preparation: 3510C

Lab Sample ID:	LB 460-281200/1-C	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020028.D
Dilution:	1.0	Leach Batch:	460-281200	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1618	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	02/12/2015 1200			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
4,4'-DDD	0.010	U	0.0095	0.010
4,4'-DDE	0.010	U	0.0080	0.010
4,4'-DDT	0.010	U	0.0085	0.010
Aldrin	0.010	U	0.0085	0.010
alpha-BHC	0.010	U	0.0045	0.010
beta-BHC	0.010	U	0.0065	0.010
Chlordane (technical)	0.25	U	0.11	0.25
delta-BHC	0.010	U	0.0060	0.010
Dieldrin	0.010	U	0.011	0.010
Endosulfan I	0.010	U	0.0080	0.010
Endosulfan II	0.010	U	0.0080	0.010
Endosulfan sulfate	0.010	U	0.0080	0.010
Endrin	0.010	U	0.0085	0.010
Endrin aldehyde	0.010	U	0.0080	0.010
Endrin ketone	0.010	U	0.0080	0.010
gamma-BHC (Lindane)	0.010	U	0.0070	0.010
Heptachlor	0.010	U	0.0070	0.010
Heptachlor epoxide	0.010	U	0.0080	0.010
Methoxychlor	0.010	U	0.0075	0.010
Toxaphene	0.25	U	0.17	0.25

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	26 - 150
Tetrachloro-m-xylene	86	50 - 147

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	83	26 - 150
Tetrachloro-m-xylene	83	50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281375

Method: 8081B
Preparation: 3510C

Lab Sample ID:	LCS 460-281375/2-A	Analysis Batch:	460-281736	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	VR499888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/17/2015 1154	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.800	1.11	139	67 - 150	
4,4'-DDE	0.800	0.986	123	67 - 145	
4,4'-DDT	0.800	0.856	107	62 - 138	
Aldrin	0.800	0.898	112	65 - 147	
alpha-BHC	0.800	0.953	119	69 - 147	
beta-BHC	0.800	1.05	131	65 - 142	
delta-BHC	0.800	1.00	125	66 - 142	
Dieldrin	0.800	1.02	127	69 - 140	
Endosulfan I	0.800	0.957	120	69 - 145	
Endosulfan II	0.800	1.01	126	74 - 143	
Endosulfan sulfate	0.800	0.949	119	75 - 141	
Endrin	0.800	0.964	121	62 - 150	
Endrin aldehyde	0.800	1.03	128	76 - 136	
Endrin ketone	0.800	1.18	148	78 - 149	
gamma-BHC (Lindane)	0.800	0.979	122	70 - 148	
Heptachlor	0.800	0.836	104	66 - 146	
Heptachlor epoxide	0.800	0.957	120	68 - 147	
Methoxychlor	0.800	0.854	107	67 - 136	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	41	26 - 150
Tetrachloro-m-xylene	92	50 - 147

Lab Control Sample - Batch: 460-281375

Method: 8081B
Preparation: 3510C

Lab Sample ID:	LCS 460-281375/2-A	Analysis Batch:	460-281736	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	VR499888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/17/2015 1154	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.800	0.925	116	67 - 150	
4,4'-DDE	0.800	0.852	107	67 - 145	
4,4'-DDT	0.800	0.797	100	62 - 138	
Aldrin	0.800	0.770	96	65 - 147	
alpha-BHC	0.800	0.920	115	69 - 147	
beta-BHC	0.800	0.823	103	65 - 142	

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281375

Method: 8081B
Preparation: 3510C

Lab Sample ID:	LCS 460-281375/2-A	Analysis Batch:	460-281736	Instrument ID:	CPESTGC9
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	VR499888.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/17/2015 1154	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
delta-BHC	0.800	0.826	103	66 - 142	
Dieldrin	0.800	0.851	106	69 - 140	
Endosulfan I	0.800	0.822	103	69 - 145	
Endosulfan II	0.800	0.878	110	74 - 143	
Endosulfan sulfate	0.800	0.857	107	75 - 141	
Endrin	0.800	0.813	102	62 - 150	
Endrin aldehyde	0.800	0.848	106	76 - 136	
Endrin ketone	0.800	0.886	111	78 - 149	
gamma-BHC (Lindane)	0.800	0.823	103	70 - 148	
Heptachlor	0.800	0.708	89	66 - 146	
Heptachlor epoxide	0.800	0.780	97	68 - 147	
Methoxychlor	0.800	0.721	90	67 - 136	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	41	26 - 150
Tetrachloro-m-xylene	73	50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281375

Method: 8081B
Preparation: 3510C
TCLP

MS Lab Sample ID:	460-90396-A-14-C MS	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020020.D
Dilution:	1.0	Leach Batch:	460-281251	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1432			Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	02/12/2015 1700			Column ID:	PRIMARY

MSD Lab Sample ID:	460-90396-A-14-D MSD	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020021.D
Dilution:	1.0	Leach Batch:	460-281251	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1446			Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	02/12/2015 1700			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	137	174	67 - 150	24	30		*
4,4'-DDE	127	160	67 - 145	23	30		*
4,4'-DDT	130	167	62 - 138	25	30		*
Aldrin	108	133	65 - 147	20	30		
alpha-BHC	103	133	69 - 147	26	30		
beta-BHC	113	140	65 - 142	21	30		
delta-BHC	86	105	66 - 142	20	30		
Dieldrin	123	153	69 - 140	22	30		*
Endosulfan I	8	10	69 - 145	19	30	*	*
Endosulfan II	8	10	74 - 143	22	30	*	*
Endosulfan sulfate	129	163	75 - 141	23	30		*
Endrin	133	160	62 - 150	19	30		*
Endrin aldehyde	126	155	76 - 136	21	30		*
Endrin ketone	131	168	78 - 149	25	30		*
gamma-BHC (Lindane)	110	139	70 - 148	24	30		
Heptachlor	113	140	66 - 146	21	30		
Heptachlor epoxide	122	148	68 - 147	19	30		*
Methoxychlor	129	164	67 - 136	24	30		*

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	92	114	26 - 150
Tetrachloro-m-xylene	76	121	50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-281375

Method: 8081B
Preparation: 3510C
TCLP

MS Lab Sample ID:	460-90396-A-14-C MS	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020020.D
Dilution:	1.0	Leach Batch:	460-281251	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1432			Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	02/12/2015 1700			Column ID:	SECONDARY

MSD Lab Sample ID:	460-90396-A-14-D MSD	Analysis Batch:	460-281600	Instrument ID:	CPESTGC5
Client Matrix:	Water	Prep Batch:	460-281375	Lab File ID:	PR020021.D
Dilution:	1.0	Leach Batch:	460-281251	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1446			Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0939			Injection Volume:	1 uL
Leach Date:	02/12/2015 1700			Column ID:	SECONDARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	136	168	67 - 150	21	30		*
4,4'-DDE	125	157	67 - 145	23	30		*
4,4'-DDT	123	153	62 - 138	21	30		*
Aldrin	105	131	65 - 147	22	30		
alpha-BHC	84	112	69 - 147	29	30		
beta-BHC	106	134	65 - 142	23	30		
delta-BHC	80	104	66 - 142	26	30		
Dieldrin	120	146	69 - 140	20	30		*
Endosulfan II	7	9	74 - 143	22	30	*	*
Endosulfan sulfate	124	154	75 - 141	22	30		*
Endrin	126	159	62 - 150	23	30		*
Endrin aldehyde	121	148	76 - 136	20	30		*
Endrin ketone	121	153	78 - 149	23	30		*
gamma-BHC (Lindane)	97	127	70 - 148	27	30		
Heptachlor	109	139	66 - 146	24	30		
Heptachlor epoxide	115	139	68 - 147	19	30		
Methoxychlor	125	153	67 - 136	20	30		*

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	84	106	26 - 150
Tetrachloro-m-xylene	75	84	50 - 147

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281369

Method: 8082A
Preparation: 3510C

Lab Sample ID:	MB 460-281369/1-A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Client Matrix:	Water	Prep Batch:	460-281369	Lab File ID:	OR227314.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1547	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0931			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	MDL	RL
Aroclor 1016	0.20	U	0.14	0.20
Aroclor 1221	0.20	U	0.14	0.20
Aroclor 1232	0.20	U	0.14	0.20
Aroclor 1242	0.20	U	0.14	0.20
Aroclor 1248	0.20	U	0.14	0.20
Aroclor 1254	0.20	U	0.11	0.20
Aroclor 1260	0.20	U	0.11	0.20
Aroclor-1262	0.20	U	0.11	0.20
Aroclor 1268	0.20	U	0.11	0.20
Polychlorinated biphenyls, Total	0.20	U	0.14	0.20

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	65	13 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	61	13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-281369

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-281369/2-A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Client Matrix:	Water	Prep Batch:	460-281369	Lab File ID:	OR227315.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1604	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0931			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-281369/3-A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Client Matrix:	Water	Prep Batch:	460-281369	Lab File ID:	OR227316.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1620	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0931			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	123	108	68 - 146	13	30		
Aroclor 1260	118	106	65 - 150	11	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	63	57	13 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-281369

Method: 8082A
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-281369/2-A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Client Matrix:	Water	Prep Batch:	460-281369	Lab File ID:	OR227315.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1604	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0931			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-281369/3-A	Analysis Batch:	460-281604	Instrument ID:	CPESTGC7
Client Matrix:	Water	Prep Batch:	460-281369	Lab File ID:	OR227316.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	02/14/2015 1620	Units:	ug/L	Final Weight/Volume:	1 mL
Prep Date:	02/13/2015 0931			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Aroclor 1016	117	105	68 - 146	11	30		
Aroclor 1260	116	103	65 - 150	12	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	60	54	13 - 150

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281481

Method: 6010C
Preparation: 3010A

Lab Sample ID:	MB 460-281481/1-A	Analysis Batch:	460-281801	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1924	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	200	U	6.5	200
Beryllium	2.0	U	1.1	2.0
Calcium	5000	U	416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	50.0	U	3.8	50.0
Chromium	10.0	U	4.6	10.0
Iron	150	U	51.4	150
Potassium	5000	U	281	5000
Magnesium	5000	U	355	5000
Manganese	15.0	U	4.3	15.0
Sodium	5000	U	514	5000
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	30.0	U	5.9	30.0

Method Blank - Batch: 460-281481

Method: 6010C
Preparation: 3010A

Lab Sample ID:	MB 460-281481/1-A	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281481	Lab File ID:	281634.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1327	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Copper	25.0	U	6.2	25.0

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281481

Method: 6010C
Preparation: 3010A

Lab Sample ID:	LCS 460-281481/2-A	Analysis Batch:	460-281801	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1909	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	50.0	49.11	98	80 - 120	
Aluminum	2000	1993	100	80 - 120	
Arsenic	2000	1789	89	80 - 120	
Barium	2000	1878	94	80 - 120	
Beryllium	50.0	50.96	102	80 - 120	
Calcium	20000	20180	101	80 - 120	
Cadmium	50.0	48.82	98	80 - 120	
Cobalt	500	488.7	98	80 - 120	
Chromium	200	211.5	106	80 - 120	
Copper	250	234.2	94	80 - 120	
Iron	1000	1088	109	80 - 120	
Potassium	20000	19610	98	80 - 120	
Magnesium	20000	19600	98	80 - 120	
Manganese	500	532.3	106	80 - 120	
Sodium	20000	20400	102	80 - 120	
Nickel	500	497.7	100	80 - 120	
Lead	500	506.8	101	80 - 120	
Antimony	500	422.2	84	80 - 120	
Selenium	2000	1808	90	80 - 120	
Thallium	2000	2196	110	80 - 120	
Vanadium	500	525.8	105	80 - 120	
Zinc	500	490.3	98	80 - 120	

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike - Batch: 460-281481

Method: 6010C
Preparation: 3010A

Lab Sample ID:	460-90417-J-2-A MS	Analysis Batch:	460-281801	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1851	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	10.0	U	50.0	48.18	96	75 - 125	
Arsenic	15.0	U	2000	1760	88	75 - 125	
Barium	105	J	2000	1896	90	75 - 125	
Beryllium	2.0	U	50.0	49.53	99	75 - 125	
Calcium	16400		20000	35430	95	75 - 125	
Cadmium	4.0	U	50.0	46.56	93	75 - 125	
Cobalt	50.0	U	500	461.8	92	75 - 125	
Chromium	9.5	J	200	213.9	102	75 - 125	
Copper	11.1	J	250	236.6	90	75 - 125	
Iron	4440		1000	5496	106	75 - 125	4
Potassium	28600		20000	48460	100	75 - 125	
Magnesium	35700		20000	54460	94	75 - 125	
Manganese	124		500	630.0	101	75 - 125	
Sodium	98600		20000	118700	101	75 - 125	4
Nickel	40.0	U	500	472.1	94	75 - 125	
Lead	32.8		500	502.8	94	75 - 125	
Antimony	20.0	U	500	402.1	80	75 - 125	
Selenium	20.0	U	2000	1766	88	75 - 125	
Thallium	20.0	U	2000	1980	99	75 - 125	
Vanadium	29.0	J	500	536.9	102	75 - 125	
Zinc	15.1	J	500	484.7	94	75 - 125	

Client: FPM Group Limited

Job Number: 460-90455-1

Duplicate - Batch: 460-281481

Method: 6010C
Preparation: 3010A

Lab Sample ID:	460-90417-C-2-A DU	Analysis Batch:	460-281801	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281481	Lab File ID:	281481.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/15/2015 1839	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/13/2015 1647				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	10.0	U	10.0	NC	20	U
Aluminum	4560		4660	2	20	
Arsenic	15.0	U	15.0	NC	20	U
Barium	105	J	104.1	1	20	J
Beryllium	2.0	U	2.0	NC	20	U
Calcium	16400		16230	0.9	20	
Cadmium	4.0	U	4.0	NC	20	U
Cobalt	50.0	U	50.0	NC	20	U
Chromium	9.5	J	8.85	7	20	J
Copper	11.1	J	10.32	7	20	J
Iron	4440		4299	3	20	
Potassium	28600		28380	0.6	20	
Magnesium	35700		35430	0.8	20	
Manganese	124		122.6	1	20	
Sodium	98600		97780	0.8	20	
Nickel	40.0	U	40.0	NC	20	U
Lead	32.8		33.99	4	20	
Antimony	20.0	U	20.0	NC	20	U
Selenium	20.0	U	20.0	NC	20	U
Thallium	20.0	U	20.0	NC	20	U
Vanadium	29.0	J	28.69	1	20	J
Zinc	15.1	J	15.09	0.07	20	J

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281634

Method: 6010C
Preparation: 3010A

Lab Sample ID:	MB 460-281634/1-A	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1358	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Silver	10.0	U	1.9	10.0
Aluminum	200	U	73.6	200
Arsenic	15.0	U	4.3	15.0
Barium	200	U	6.5	200
Beryllium	2.0	U	1.1	2.0
Calcium	5000	U	416	5000
Cadmium	4.0	U	1.2	4.0
Cobalt	50.0	U	3.8	50.0
Chromium	10.0	U	4.6	10.0
Copper	25.0	U	6.2	25.0
Iron	150	U	51.4	150
Potassium	5000	U	281	5000
Magnesium	5000	U	355	5000
Manganese	15.0	U	4.3	15.0
Sodium	5000	U	514	5000
Nickel	40.0	U	7.8	40.0
Lead	10.0	U	4.6	10.0
Antimony	20.0	U	5.4	20.0
Selenium	20.0	U	6.7	20.0
Thallium	20.0	U	9.2	20.0
Vanadium	50.0	U	4.2	50.0
Zinc	30.0	U	5.9	30.0

Client: FPM Group Limited

Job Number: 460-90455-1

Lab Control Sample - Batch: 460-281634

Method: 6010C
Preparation: 3010A

Lab Sample ID:	LCS 460-281634/2-A	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1402	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Silver	50.0	53.20	106	80 - 120	
Aluminum	2000	2054	103	80 - 120	
Arsenic	2000	1898	95	80 - 120	
Barium	2000	2007	100	80 - 120	
Beryllium	50.0	51.85	104	80 - 120	
Calcium	20000	21090	105	80 - 120	
Cadmium	50.0	50.85	102	80 - 120	
Cobalt	500	518.3	104	80 - 120	
Chromium	200	222.4	111	80 - 120	
Copper	250	278.2	111	80 - 120	
Iron	1000	1150	115	80 - 120	
Potassium	20000	19670	98	80 - 120	
Magnesium	20000	20240	101	80 - 120	
Manganese	500	547.2	109	80 - 120	
Sodium	20000	20690	103	80 - 120	
Nickel	500	530.7	106	80 - 120	
Lead	500	531.0	106	80 - 120	
Antimony	500	457.3	91	80 - 120	
Selenium	2000	1932	97	80 - 120	
Thallium	2000	2312	116	80 - 120	
Vanadium	500	560.4	112	80 - 120	
Zinc	500	517.7	104	80 - 120	

Client: FPM Group Limited

Job Number: 460-90455-1

Matrix Spike - Batch: 460-281634

Method: 6010C
Preparation: 3010A
Dissolved

Lab Sample ID:	460-90546-I-1-B MS	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1417	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Silver	12.3		50.0	64.78	105	75 - 125	
Aluminum	89.2	J	2000	2127	102	75 - 125	
Arsenic	15.0	U	2000	1901	95	75 - 125	
Barium	176	J	2000	2124	97	75 - 125	
Beryllium	2.0	U	50.0	52.14	104	75 - 125	
Calcium	18400		20000	39200	104	75 - 125	
Cadmium	4.0	U	50.0	49.73	99	75 - 125	
Cobalt	412		500	902.2	98	75 - 125	
Chromium	10.0	U	200	221.4	111	75 - 125	
Copper	25.0	U	250	274.1	110	75 - 125	
Iron	11800		1000	12960	116	75 - 125	4
Potassium	2170	J	20000	22020	99	75 - 125	
Magnesium	18000		20000	37900	100	75 - 125	
Sodium	69000		20000	91020	110	75 - 125	
Nickel	24.2	J	500	535.2	102	75 - 125	
Lead	10.0	U	500	507.7	102	75 - 125	
Antimony	20.0	U	500	450.3	90	75 - 125	
Selenium	36.3		2000	1941	95	75 - 125	
Thallium	36.8		2000	2112	104	75 - 125	
Vanadium	50.0	U	500	554.6	111	75 - 125	
Zinc	13.2	J	500	520.1	101	75 - 125	

Matrix Spike - Batch: 460-281634

Method: 6010C
Preparation: 3010A
Dissolved

Lab Sample ID:	460-90546-I-1-B MS ^1	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1556	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Manganese	40400	500	40960	114	75 - 125	4

Duplicate - Batch: 460-281634

Method: 6010C
Preparation: 3010A
Dissolved

Lab Sample ID:	460-90546-A-1-A DU	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1405	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Silver	12.3		12.10	1	20	
Aluminum	89.2	J	75.99	16	20	J
Arsenic	15.0	U	15.0	NC	20	U
Barium	176	J	174.9	0.8	20	J
Beryllium	2.0	U	2.0	NC	20	U
Calcium	18400		18480	0.3	20	
Cadmium	4.0	U	4.0	NC	20	U
Cobalt	412		409.6	0.5	20	
Chromium	10.0	U	10.0	NC	20	U
Copper	25.0	U	25.0	NC	20	U
Iron	11800		11830	0.3	20	
Potassium	2170	J	2216	2	20	J
Magnesium	18000		17970	0.1	20	
Sodium	69000		68870	0.2	20	
Nickel	24.2	J	23.49	3	20	J
Lead	10.0	U	10.0	NC	20	U
Antimony	20.0	U	20.0	NC	20	U
Selenium	36.3		34.26	6	20	
Thallium	36.8		35.94	2	20	
Vanadium	50.0	U	50.0	NC	20	U
Zinc	13.2	J	13.06	1	20	J

Duplicate - Batch: 460-281634

Method: 6010C
Preparation: 3010A
Dissolved

Lab Sample ID:	460-90546-A-1-A DU ^1	Analysis Batch:	460-281815	Instrument ID:	ICP5
Client Matrix:	Water	Prep Batch:	460-281634	Lab File ID:	281634.asc
Dilution:	10	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	02/17/2015 1545	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	02/15/2015 1157				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Manganese	40400	40260	0.3	20	

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281390

Method: 7470A
Preparation: 7470A

Lab Sample ID:	MB 460-281390/1-A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1432	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-281390

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-281390/2-A	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1433	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.938	94	80 - 120	

Matrix Spike - Batch: 460-281390

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-90408-A-1-H MS	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1440	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20	1.00	1.01	81	80 - 120	

Client: FPM Group Limited

Job Number: 460-90455-1

Duplicate - Batch: 460-281390

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-90408-A-1-G DU	Analysis Batch:	460-281470	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281390	Lab File ID:	281390hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/13/2015 1438	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/13/2015 1033				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.20	0.20	NC	20	U

Client: FPM Group Limited

Job Number: 460-90455-1

Method Blank - Batch: 460-281712

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	MB 460-281711/1-B	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0813	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.18	0.20

Lab Control Sample - Batch: 460-281712

Method: 7470A
Preparation: 7470A

Lab Sample ID:	LCS 460-281712/11-A	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0814	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.952	95	80 - 120	

Matrix Spike - Batch: 460-281712

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-90546-I-1-D MS	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0827	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.18	J	1.00	1.10	92	80 - 120	

Client: FPM Group Limited

Job Number: 460-90455-1

Duplicate - Batch: 460-281712

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-90546-A-1-B DU	Analysis Batch:	460-281754	Instrument ID:	LEEMAN5
Client Matrix:	Water	Prep Batch:	460-281712	Lab File ID:	281712HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	02/17/2015 0826	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	02/17/2015 0400				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.18	J	0.20	NC	20	U

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

460-90455 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF C

Page 1 of 1

Name (for report and invoice): George Holmes	Samplers Name (Printed): George Holmes	Site/Project Identification: 126th St
Company: FPM Group	P. O. #: 492-15-143	State (Location of site): NJ: ☐ NY: ☒ Other:
		Regulatory Program: Report with Batch QA/QC
Address: 909 Marconi Avenue	Analysis Turnaround Time: Standard ☒	
City: Ronkonkoma State: NY 11779	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone: (631) 737-6200 Fax: (631) 737-2410		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC's 8260	SVOC's 8270	PCB's 8082	Pesticides 8081	TAL Metals	Sample Numbers
MW-1	2/10/15	9:45	Aq	11	X	X	X	X	X	-1
MW-1D		10:00								-2
MW-2		10:30								-3
MW-3		13:05								-4
MW-4		11:30		↓		↓	↓	↓	↓	-5
TB0210	↓	9:00	↓	2	↓					-6

LAB USE ONLY
Project No:
Job No: 90455

Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH
6 = Other _____, 7 = Other _____

Soil:					
Water:	1,2	1	1	1	1,4

Special Instructions

Water Metals Filtered (Yes/No)? Lab to filter the unpreserved metals samples

Relinquished by	Company	Date / Time	Received by	Company
1)	FPM	2/11/15 10 30	1)	TA
2)	TA	2/11/15 17:00	2)	
3)			3)	
4)			4)	

5-Day RUSH

Laboratory Certifications: New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)
Massachusetts (M-NJ312), North... 578)

2.1 / 4.1 IR # 5 NOC.

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 90455

Number of Coolers: 1 IR Gun # 1

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.1 °C	2.1 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or OAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other
1				<2											
2				<2											
3				<2											
4				<2											
5				<2											

If pH adjustments are required record the information below:

Sample No(s). adjusted: N/A

Preservative Name/Conc.: N/A Volume of Preservative used (ml): N/A

Lot # of Preservative(s): N/A Expiration Date: N/A

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

**Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: ~ Date: 2/16/15

Login Sample Receipt Checklist

Client: FPM Group Limited

Job Number: 460-90455-1

Login Number: 90455

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.1°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

APPENDIX 5

LABORATORY DATA DELIVERABLES FOR SOIL VAPOR ANALYTICAL DATA

CENTEK LABORATORIES, LLC

143 Midler Park Drive * Syracuse, NY 13206
Phone (315) 431-9730 * Emergency 24/7 (315) 416-2752
NYSDOH ELAP Certificate No. 11830

Analytical Report

George Holmes
FPM Group, Ltd.
909 Marconi Avenue
Ronkonkoma, NY 11779

TEL: (631) 737-6200
FAX
RE: 126th Street

Wednesday, February 11, 2015
Order No.: C1502009

Dear George Holmes:

Centek Laboratories, LLC received 7 sample(s) on 2/3/2015 for the analyses presented in the following report.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness. Release of the data contained in this hardcopy data package and/or in the computer readable data submitted has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Centek Laboratories performs all analyses according to EPA, NIOSH or OSHA-approved analytical methods. Centek Laboratories is dedicated to providing quality analyses and exceptional customer service. All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the case narrative. All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

We do our best to make our reporting format clear and understandable and hope you are thoroughly satisfied with our services. Please contact your client service representative at (315) 431-9730 or myself, if you would like any additional information regarding this report.

Thank you for using Centek Laboratories. This report can not be reproduced except in its entirety, without prior written authorization.

Sincerely,

William Dobbin
Lead Technical Director

Disclaimer: The test results and procedures utilized, and laboratory interpretations of the data obtained by Centek as contained in this report are believed by Centek to be accurate and reliable

for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of Centek for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. ELAP does not offer certification for the following parameters by this method at present time, they are: 4-ethyltoluene, ethyl acetate, propylene, 4-PCH, sulfur derived and silcon series compounds.

Centek Laboratories, LLC Terms and Conditions

Sample Submission

All samples sent to Centek Laboratories should be accompanied by our Request for Analysis Form or Chain of Custody Form. A Chain of Custody will be provided with each order shipped for all sampling events, or if needed, one is available at our website www.CentekLabs.com. Samples received after 3:00pm are considered to be a part of the next day's business.

Sample Media

Samples can be collected in an canister or a Tedlar bag. Depending on your analytical needs, Centek Laboratories may receive a bulk, liquid, soil or other matrix sample for headspace analysis.

Blanks

Every sample is run with a surrogate or tracer compound at a pre-established concentration. The surrogate compound run with each sample is used as a standard to measure the performance of each run of the instrument. If required, a Minican can be provided containing nitrogen to be run as a trip blank with your samples.

Sampling Equipment

Centek Laboratories will be happy to provide the canisters to carry-out your sampling event at no charge. The necessary accessories, such as regulators, tubing or personal sampling belts, are also provided to meet your sampling needs. The customer is responsible for all shipping charges to the client's destination and return shipping to the laboratory. Client assumes all responsibility for lost, stolen and any damages of equipment.

Turn Around time (TAT)

Centek Laboratories will provide results to its clients in one business-week by 6:00pm EST after receipt of samples. For example, if samples are received on a Monday they are due on the following Monday by 6:00pm EST. Results are faxed or emailed to the requested location indicated on the Chain of Custody. Non-routine analysis may require more than the one business-week turnaround time. Please confirm non-routine sample turnaround times.

Reporting

Results are emailed or faxed at no additional charge. A hard copy of the result report is mailed within 24 hours of the faxing or emailing of your results. Cat "B" like packages are within 3-4 weeks from time of analysis. Standard Electronic Disk Deliverables (EDD) is also available at no additional charge.

Payment Terms

Payment for all purchases shall be due within 30 days from date of invoice. The client agrees to pay a finance charge of 1.5% per month on the overdue balance and cost of collection, including attorney fees, if collection proceedings are necessary. You must have a completed credit application on file to extend credit. Purchase orders or checks information must be submitted

for us to release results

Rush Turnaround Samples

Expedited turn around times is available. Please confirm rush turnaround times with Client Services before submitting samples.

Applicable Surcharges for Rush Turnaround Samples:
Same day TAT = 200%
Next business day TAT by Noon = 150%
Next business day TAT by 6:00pm = 100%
Second business day TAT by 6:00pm = 75%
Third business day TAT by 6:00pm = 50%
Fourth business day TAT by 6:00pm = 35%
Fifth business day = Standard

Statement of Confidentiality

Centek Laboratories, LLC is aware of the importance of the confidentiality of results to many of our clients. Your name and data will be held in the strictest of confidence. We will not accept business that may constitute a conflict of interest. We commonly sign Confidential Nondisclosure Agreements with clients prior to beginning work. All research, results and reports will be kept strictly confidential. Secrecy Agreements and Disclosure Statements will be signed for the client if so specified. Results will be provided only to the addressee specified on the Chain of Custody Form submitted with the samples unless law requires release. Written permission is required from the addressee to release results to any other party.

Limitation on Liability

Centek Laboratories, LLC warrants the test results to be accurate to the methodology and sample type for each sample submitted to Centek Laboratories, LLC. In no event shall Centek Laboratories, LLC be liable for direct, indirect, special, punitive, incidental, exemplary or consequential damages, or any damages whatsoever, even if Centek Laboratories, LLC has been previously advised of the possibility of such damages whether in an action under contract, negligence, or any other theory, arising out of or in connection with the use, inability to use or performance of the information, services, products and materials available from the laboratory or this site. These limitations shall apply notwithstanding any failure of essential purpose of any limited remedy. Because some jurisdictions do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of liability for consequential or incidental damages, the above limitations may not apply to you. This is a comprehensive limitation of liability that applies to all damages of any kind, including (without limitation) compensatory, direct, indirect or consequential damages, loss of data, income or profit and or loss of or damage to property and claims of third parties.

CENTEK LABORATORIES, LLC

Date: *17-Feb-15*

CLIENT: FPM Group, Ltd.

Project: 126th Street

Lab Order: C1502009

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999 and Centek Laboratories, LLC SOP TS-80:

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objective except as indicated in the corrective action report(s). All samples were received and analyzed within the EPA recommended holding times. Test results are not Method Blank (MB) corrected for contamination.

NYSDEC ASP samples:
Canisters should be evacuated to a reading of less than or equal to 50 millitorr prior to shipment to sampling personnel. The vacuum in the canister will be field checked prior to sampling, and must read 28" of Hg (±2", vacuum, absolute) before a sample can be collected. After the sample has been collected, the pressure of the canister will be read and recorded again, and must be 5" of Hg (±1", vacuum, absolute) for the sample to be valid. Once received at the laboratory, the canister vacuum should be confirmed to be 5" of Hg,±1". Please record and report the pressure/vacuum of received canisters on the sample receipt paperwork. A pressure/vacuum reading should also be taken just prior to the withdrawal of sample from the canister, and recorded on the sample preparation log sheet. All regulators are calibrated to meet these requirements before they leave the laboratory. However, due to environmental conditions and use of the equipment Centek can not guarantee that this criteria can always be achieved.

Centek Chain of Custody

Centek Laboratories
143 Midler Park Drive
Syracuse, NY 13206
315-431-9730
www.CentekLabs.com

Vapor Intrusion & IAQ

Site Name: 126th Street
Project:
PO#: 492-15-143
Quote # Q-SP-130
Other: 4821

Detection Limit	Report Level
☐ 5ppbv	☐ Level I
☒ 1ug/M3	☒ Level II
☐ 1ug/M3 +TCE .25	☐ Cat "B" Like

Turnaround Time:	Check One	Rush TAT Surcharge %	Due Date:
5 Business Days	☒	0%	2/10/15
4 Business Days	☐	25%	
3 Business Days	☐	50%	
2 Business Days	☐	75%	
Next Day by 5pm	☐	100%	
Next Day by Noon	☐	150%	
Same Day	☐	200%	

Company: FPM Group
Report to: George Holmes
Address: 909 Marion Avenue
City, State, Zip Rockville Centre, NY 11779
Email: g.holmes@fpm-group.com
Phone: (631) 737-6200

Company: Check Here If Same: ☒
Invoice to:
Address:
City, State, Zip
Email:
Phone:

Sample ID	Date Sampled	Canister Number	Regulator Number	Analysis Request	Comments	Vacuum Start/Stop
SV-1	1/31/15	87	278	TO-15		-30/-8
SV-2	↓	168	346	↓		-30/-13
SV-3		546	310			-30/-6
SV-4		95	249			-30/-12
SV-5		203	1167			-30/-12
SV-6		479	1165			-30/-12
Trip Blank	↓	240	-	↓		-

Chain of Custody	Print Name	Signature	Date/Time
Sampled by:	George Holmes		2/2/15 16:30
Relinquished by:			
Received at Lab by:	Jon Cole		2-3-15 9:45

Courier: CIRCLE ONE
FedEx UPS Pickup/Dropoff

For LAB USE ONLY
Work Order # C1502009

*** By signing Centek Labs Chain of Custody you are accepting Centek Labs Terms and Conditions listed on the reverse side.

CENTEK LABORATORIES, LLC

Sample Receipt Checklist

Client Name FPM - RONKONKOMA | Date and Time Receive 2/3/2015

Work Order Numbe C1502009 | Received by JDS

Checklist completed by [signature] 2-3-15 (Signature / Date) | Reviewed by WT 2/3/15 (Initials / Date)

Matrix: | Carrier name: FedEx Ground

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 ☑	

Adjusted? _____ Checked by _____

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 _____

CENTEK LABORATORIES, LLC

Date: *17-Feb-15*

CLIENT: FPM Group, Ltd.
Project: 126th Street
Lab Order: C1502009

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
C1502009-001A	SV-1	87,278	1/31/2015	2/3/2015
C1502009-002A	SV-2	168,346	1/31/2015	2/3/2015
C1502009-003A	SV-3	546,310	1/31/2015	2/3/2015
C1502009-004A	SV-4	95,249	1/31/2015	2/3/2015
C1502009-005A	SV-5	203,1167	1/31/2015	2/3/2015
C1502009-006A	SV-6	479,1165	1/31/2015	2/3/2015
C1502009-007A	Trip Blank	240	1/31/2015	2/3/2015

Centek Laboratories, LLC

17-Feb-15

Lab Order: C1502009
Client: FPM Group, Ltd.
Project: 126th Street

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
C1502009-001A	SV-1	1/31/2015	Air	1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
C1502009-002A	SV-2			1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
C1502009-003A	SV-3			1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
C1502009-004A	SV-4			1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
C1502009-005A	SV-5			1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/7/2015
C1502009-006A	SV-6			1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/6/2015
				1ug/M3 by Method TO15			2/7/2015
C1502009-007A	Trip Blank			1ug/M3 by Method TO15			2/6/2015

Date: *11-Feb-15*

CENTEK LABORATORIES, LLC

ANALYTICAL QC SUMMARY REPORT

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **AMB1UG-020515** SampType: **MBLK** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/5/2015** SeqNo: **110254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **AMB1UG-020515** SampType: **MBLK** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/5/2015** SeqNo: **110254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.15	0.15									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **AMB1UG-020515**	SampType: **MBLK**	TestCode: **1ugM3_TO15**	Units: **ppbV**	Prep Date:	RunNo: **9311**
Client ID: **ZZZZZ**	Batch ID: **R9311**	TestNo: **TO-15**		Analysis Date: **2/5/2015**	SeqNo: **110254**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									
Surr: Bromofluorobenzene	0.7700	0	1	0	77.0	70	130				

Sample ID: **AMB1UG-020615**	SampType: **MBLK**	TestCode: **1ugM3_TO15**	Units: **ppbV**	Prep Date:	RunNo: **9312**
Client ID: **ZZZZZ**	Batch ID: **R9312**	TestNo: **TO-15**		Analysis Date: **2/6/2015**	SeqNo: **110273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.15	0.15									
1,1,2,2-Tetrachloroethane	< 0.15	0.15									
1,1,2-Trichloroethane	< 0.15	0.15									
1,1-Dichloroethane	< 0.15	0.15									
1,1-Dichloroethene	< 0.15	0.15									
1,2,4-Trichlorobenzene	< 0.15	0.15									
1,2,4-Trimethylbenzene	< 0.15	0.15									
1,2-Dibromoethane	< 0.15	0.15									
1,2-Dichlorobenzene	< 0.15	0.15									
1,2-Dichloroethane	< 0.15	0.15									
1,2-Dichloropropane	< 0.15	0.15									
1,3,5-Trimethylbenzene	< 0.15	0.15									
1,3-butadiene	< 0.15	0.15									
1,3-Dichlorobenzene	< 0.15	0.15									
1,4-Dichlorobenzene	< 0.15	0.15									
1,4-Dioxane	< 0.30	0.30									
2,2,4-trimethylpentane	< 0.15	0.15									

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **AMB1UG-020615** SampType: **MBLK** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-ethyltoluene	< 0.15	0.15									
Acetone	< 0.30	0.30									
Allyl chloride	< 0.15	0.15									
Benzene	< 0.15	0.15									
Benzyl chloride	< 0.15	0.15									
Bromodichloromethane	< 0.15	0.15									
Bromoform	< 0.15	0.15									
Bromomethane	< 0.15	0.15									
Carbon disulfide	< 0.15	0.15									
Carbon tetrachloride	< 0.15	0.15									
Chlorobenzene	< 0.15	0.15									
Chloroethane	< 0.15	0.15									
Chloroform	< 0.15	0.15									
Chloromethane	< 0.15	0.15									
cis-1,2-Dichloroethene	< 0.15	0.15									
cis-1,3-Dichloropropene	< 0.15	0.15									
Cyclohexane	< 0.15	0.15									
Dibromochloromethane	< 0.15	0.15									
Ethyl acetate	< 0.25	0.25									
Ethylbenzene	< 0.15	0.15									
Freon 11	< 0.15	0.15									
Freon 113	< 0.15	0.15									
Freon 114	< 0.15	0.15									
Freon 12	< 0.15	0.15									
Heptane	< 0.15	0.15									
Hexachloro-1,3-butadiene	< 0.15	0.15									
Hexane	< 0.15	0.15									
Isopropyl alcohol	< 0.15	0.15									
m&p-Xylene	< 0.30	0.30									
Methyl Butyl Ketone	< 0.30	0.30									
Methyl Ethyl Ketone	< 0.30	0.30									

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **AMB1UG-020615** SampType: **MBLK** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110273**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl Isobutyl Ketone	< 0.30	0.30									
Methyl tert-butyl ether	< 0.15	0.15									
Methylene chloride	< 0.15	0.15									
o-Xylene	< 0.15	0.15									
Propylene	< 0.15	0.15									
Styrene	< 0.15	0.15									
Tetrachloroethylene	< 0.15	0.15									
Tetrahydrofuran	< 0.15	0.15									
Toluene	< 0.15	0.15									
trans-1,2-Dichloroethene	< 0.15	0.15									
trans-1,3-Dichloropropene	< 0.15	0.15									
Trichloroethene	< 0.15	0.15									
Vinyl acetate	< 0.15	0.15									
Vinyl Bromide	< 0.15	0.15									
Vinyl chloride	< 0.15	0.15									
Surr: Bromofluorobenzene	0.8300	0	1	0	83.0	70	130				

Sample ID: **ALCS1UG-020515** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/5/2015** SeqNo: **110255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.080	0.15	1	0	108	70	130				
1,1,2,2-Tetrachloroethane	0.9700	0.15	1	0	97.0	70	130				
1,1,2-Trichloroethane	1.030	0.15	1	0	103	70	130				
1,1-Dichloroethane	1.180	0.15	1	0	118	70	130				
1,1-Dichloroethene	1.050	0.15	1	0	105	70	130				
1,2,4-Trichlorobenzene	0.8800	0.15	1	0	88.0	70	130				
1,2,4-Trimethylbenzene	1.040	0.15	1	0	104	70	130				
1,2-Dibromoethane	0.9600	0.15	1	0	96.0	70	130				
1,2-Dichlorobenzene	1.020	0.15	1	0	102	70	130				

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UG-020515** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/5/2015** SeqNo: **110255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	1.110	0.15	1	0	111	70	130				
1,2-Dichloropropane	1.080	0.15	1	0	108	70	130				
1,3,5-Trimethylbenzene	1.100	0.15	1	0	110	70	130				
1,3-butadiene	1.030	0.15	1	0	103	70	130				
1,3-Dichlorobenzene	1.000	0.15	1	0	100	70	130				
1,4-Dichlorobenzene	1.040	0.15	1	0	104	70	130				
1,4-Dioxane	1.110	0.30	1	0	111	70	130				
2,2,4-trimethylpentane	1.040	0.15	1	0	104	70	130				
4-ethyltoluene	1.080	0.15	1	0	108	70	130				
Acetone	1.060	0.30	1	0	106	70	130				
Allyl chloride	1.030	0.15	1	0	103	70	130				
Benzene	1.070	0.15	1	0	107	70	130				
Benzyl chloride	0.9300	0.15	1	0	93.0	70	130				
Bromodichloromethane	1.100	0.15	1	0	110	70	130				
Bromoform	0.9100	0.15	1	0	91.0	70	130				
Bromomethane	1.040	0.15	1	0	104	70	130				
Carbon disulfide	1.190	0.15	1	0	119	70	130				
Carbon tetrachloride	0.9600	0.15	1	0	96.0	70	130				
Chlorobenzene	0.9500	0.15	1	0	95.0	70	130				
Chloroethane	1.050	0.15	1	0	105	70	130				
Chloroform	1.090	0.15	1	0	109	70	130				
Chloromethane	1.040	0.15	1	0	104	70	130				
cis-1,2-Dichloroethene	1.110	0.15	1	0	111	70	130				
cis-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130				
Cyclohexane	1.050	0.15	1	0	105	70	130				
Dibromochloromethane	0.9500	0.15	1	0	95.0	70	130				
Ethyl acetate	1.080	0.25	1	0	108	70	130				
Ethylbenzene	1.030	0.15	1	0	103	70	130				
Freon 11	1.060	0.15	1	0	106	70	130				
Freon 113	1.150	0.15	1	0	115	70	130				
Freon 114	1.070	0.15	1	0	107	70	130				

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UG-020515** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/5/2015** SeqNo: **110255**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Freon 12	1.090	0.15	1	0	109	70	130				
Heptane	1.090	0.15	1	0	109	70	130				
Hexachloro-1,3-butadiene	0.9800	0.15	1	0	98.0	70	130				
Hexane	1.090	0.15	1	0	109	70	130				
Isopropyl alcohol	1.110	0.15	1	0	111	70	130				
m&p-Xylene	2.070	0.30	2	0	104	70	130				
Methyl Butyl Ketone	0.8800	0.30	1	0	88.0	70	130				
Methyl Ethyl Ketone	1.070	0.30	1	0	107	70	130				
Methyl Isobutyl Ketone	0.9100	0.30	1	0	91.0	70	130				
Methyl tert-butyl ether	1.120	0.15	1	0	112	70	130				
Methylene chloride	1.250	0.15	1	0	125	70	130				
o-Xylene	1.040	0.15	1	0	104	70	130				
Propylene	1.050	0.15	1	0	105	70	130				
Styrene	1.040	0.15	1	0	104	70	130				
Tetrachloroethylene	0.9000	0.15	1	0	90.0	70	130				
Tetrahydrofuran	1.030	0.15	1	0	103	70	130				
Toluene	0.9600	0.15	1	0	96.0	70	130				
trans-1,2-Dichloroethene	1.230	0.15	1	0	123	70	130				
trans-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130				
Trichloroethene	1.030	0.15	1	0	103	70	130				
Vinyl acetate	1.120	0.15	1	0	112	70	130				
Vinyl Bromide	1.010	0.15	1	0	101	70	130				
Vinyl chloride	0.9800	0.15	1	0	98.0	70	130				
Surr: Bromofluorobenzene	1.010	0	1	0	101	70	130				

Sample ID: **ALCS1UG-020615** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.260	0.15	1	0	126	70	130				

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UG-020615** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	1.130	0.15	1	0	113	70	130				
1,1,2-Trichloroethane	1.190	0.15	1	0	119	70	130				
1,1-Dichloroethane	1.060	0.15	1	0	106	70	130				
1,1-Dichloroethene	1.180	0.15	1	0	118	70	130				
1,2,4-Trichlorobenzene	1.010	0.15	1	0	101	70	130				
1,2,4-Trimethylbenzene	1.180	0.15	1	0	118	70	130				
1,2-Dibromoethane	1.200	0.15	1	0	120	70	130				
1,2-Dichlorobenzene	1.170	0.15	1	0	117	70	130				
1,2-Dichloroethane	1.200	0.15	1	0	120	70	130				
1,2-Dichloropropane	1.110	0.15	1	0	111	70	130				
1,3,5-Trimethylbenzene	1.260	0.15	1	0	126	70	130				
1,3-butadiene	1.180	0.15	1	0	118	70	130				
1,3-Dichlorobenzene	1.220	0.15	1	0	122	70	130				
1,4-Dichlorobenzene	1.200	0.15	1	0	120	70	130				
1,4-Dioxane	1.290	0.30	1	0	129	70	130				
2,2,4-trimethylpentane	1.020	0.15	1	0	102	70	130				
4-ethyltoluene	1.220	0.15	1	0	122	70	130				
Acetone	1.100	0.30	1	0	110	70	130				
Allyl chloride	0.9400	0.15	1	0	94.0	70	130				
Benzene	1.170	0.15	1	0	117	70	130				
Benzyl chloride	1.180	0.15	1	0	118	70	130				
Bromodichloromethane	1.190	0.15	1	0	119	70	130				
Bromoform	1.120	0.15	1	0	112	70	130				
Bromomethane	1.140	0.15	1	0	114	70	130				
Carbon disulfide	1.160	0.15	1	0	116	70	130				
Carbon tetrachloride	1.080	0.15	1	0	108	70	130				
Chlorobenzene	1.160	0.15	1	0	116	70	130				
Chloroethane	1.110	0.15	1	0	111	70	130				
Chloroform	1.140	0.15	1	0	114	70	130				
Chloromethane	1.150	0.15	1	0	115	70	130				
cis-1,2-Dichloroethene	1.120	0.15	1	0	112	70	130				

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UG-020615** SampType: **LCS** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	1.230	0.15	1	0	123	70	130				
Cyclohexane	1.160	0.15	1	0	116	70	130				
Dibromochloromethane	1.170	0.15	1	0	117	70	130				
Ethyl acetate	1.190	0.25	1	0	119	70	130				
Ethylbenzene	1.170	0.15	1	0	117	70	130				
Freon 11	1.130	0.15	1	0	113	70	130				
Freon 113	1.170	0.15	1	0	117	70	130				
Freon 114	1.210	0.15	1	0	121	70	130				
Freon 12	1.160	0.15	1	0	116	70	130				
Heptane	1.190	0.15	1	0	119	70	130				
Hexachloro-1,3-butadiene	1.140	0.15	1	0	114	70	130				
Hexane	1.200	0.15	1	0	120	70	130				
Isopropyl alcohol	1.290	0.15	1	0	129	70	130				
m&p-Xylene	2.450	0.30	2	0	122	70	130				
Methyl Butyl Ketone	1.230	0.30	1	0	123	70	130				
Methyl Ethyl Ketone	1.210	0.30	1	0	121	70	130				
Methyl Isobutyl Ketone	1.250	0.30	1	0	125	70	130				
Methyl tert-butyl ether	1.120	0.15	1	0	112	70	130				
Methylene chloride	1.210	0.15	1	0	121	70	130				
o-Xylene	1.190	0.15	1	0	119	70	130				
Propylene	1.130	0.15	1	0	113	70	130				
Styrene	1.250	0.15	1	0	125	70	130				
Tetrachloroethylene	1.080	0.15	1	0	108	70	130				
Tetrahydrofuran	1.120	0.15	1	0	112	70	130				
Toluene	1.190	0.15	1	0	119	70	130				
trans-1,2-Dichloroethene	1.180	0.15	1	0	118	70	130				
trans-1,3-Dichloropropene	1.150	0.15	1	0	115	70	130				
Trichloroethene	1.170	0.15	1	0	117	70	130				
Vinyl acetate	1.080	0.15	1	0	108	70	130				
Vinyl Bromide	1.100	0.15	1	0	110	70	130				
Vinyl chloride	1.060	0.15	1	0	106	70	130				

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UG-020615**	SampType: **LCS**	TestCode: **1ugM3_TO15**	Units: **ppbV**	Prep Date:	RunNo: **9312**
Client ID: **ZZZZZ**	Batch ID: **R9312**	TestNo: **TO-15**		Analysis Date: **2/6/2015**	SeqNo: **110274**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Bromofluorobenzene	1.060	0	1	0	106	70	130				

Sample ID: **ALCS1UGD-020515**	SampType: **LCSD**	TestCode: **1ugM3_TO15**	Units: **ppbV**	Prep Date:	RunNo: **9311**
Client ID: **ZZZZZ**	Batch ID: **R9311**	TestNo: **TO-15**		Analysis Date: **2/6/2015**	SeqNo: **110256**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.080	0.15	1	0	108	70	130	1.08	0	30	
1,1,2,2-Tetrachloroethane	1.010	0.15	1	0	101	70	130	0.97	4.04	30	
1,1,2-Trichloroethane	1.080	0.15	1	0	108	70	130	1.03	4.74	30	
1,1-Dichloroethane	1.100	0.15	1	0	110	70	130	1.18	7.02	30	
1,1-Dichloroethene	1.080	0.15	1	0	108	70	130	1.05	2.82	30	
1,2,4-Trichlorobenzene	0.8100	0.15	1	0	81.0	70	130	0.88	8.28	30	
1,2,4-Trimethylbenzene	1.030	0.15	1	0	103	70	130	1.04	0.966	30	
1,2-Dibromoethane	1.040	0.15	1	0	104	70	130	0.96	8.00	30	
1,2-Dichlorobenzene	0.9900	0.15	1	0	99.0	70	130	1.02	2.99	30	
1,2-Dichloroethane	1.050	0.15	1	0	105	70	130	1.11	5.56	30	
1,2-Dichloropropane	1.090	0.15	1	0	109	70	130	1.08	0.922	30	
1,3,5-Trimethylbenzene	1.100	0.15	1	0	110	70	130	1.1	0	30	
1,3-butadiene	1.030	0.15	1	0	103	70	130	1.03	0	30	
1,3-Dichlorobenzene	1.020	0.15	1	0	102	70	130	1	1.98	30	
1,4-Dichlorobenzene	1.070	0.15	1	0	107	70	130	1.04	2.84	30	
1,4-Dioxane	1.060	0.30	1	0	106	70	130	1.11	4.61	30	
2,2,4-trimethylpentane	1.070	0.15	1	0	107	70	130	1.04	2.84	30	
4-ethyltoluene	1.080	0.15	1	0	108	70	130	1.08	0	30	
Acetone	1.000	0.30	1	0	100	70	130	1.06	5.83	30	
Allyl chloride	0.8900	0.15	1	0	89.0	70	130	1.03	14.6	30	
Benzene	1.090	0.15	1	0	109	70	130	1.07	1.85	30	
Benzyl chloride	1.080	0.15	1	0	108	70	130	0.93	14.9	30	
Bromodichloromethane	1.130	0.15	1	0	113	70	130	1.1	2.69	30	
Bromoform	0.9200	0.15	1	0	92.0	70	130	0.91	1.09	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UGD-020515** SampType: **LCSD** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110256**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	1.060	0.15	1	0	106	70	130	1.04	1.90	30	
Carbon disulfide	1.020	0.15	1	0	102	70	130	1.19	15.4	30	
Carbon tetrachloride	1.040	0.15	1	0	104	70	130	0.96	8.00	30	
Chlorobenzene	1.050	0.15	1	0	105	70	130	0.95	10.0	30	
Chloroethane	0.9800	0.15	1	0	98.0	70	130	1.05	6.90	30	
Chloroform	1.030	0.15	1	0	103	70	130	1.09	5.66	30	
Chloromethane	1.050	0.15	1	0	105	70	130	1.04	0.957	30	
cis-1,2-Dichloroethene	1.050	0.15	1	0	105	70	130	1.11	5.56	30	
cis-1,3-Dichloropropene	1.030	0.15	1	0	103	70	130	1.06	2.87	30	
Cyclohexane	1.100	0.15	1	0	110	70	130	1.05	4.65	30	
Dibromochloromethane	0.9700	0.15	1	0	97.0	70	130	0.95	2.08	30	
Ethyl acetate	0.9500	0.25	1	0	95.0	70	130	1.08	12.8	30	
Ethylbenzene	1.050	0.15	1	0	105	70	130	1.03	1.92	30	
Freon 11	1.050	0.15	1	0	105	70	130	1.06	0.948	30	
Freon 113	1.020	0.15	1	0	102	70	130	1.15	12.0	30	
Freon 114	1.080	0.15	1	0	108	70	130	1.07	0.930	30	
Freon 12	1.070	0.15	1	0	107	70	130	1.09	1.85	30	
Heptane	1.070	0.15	1	0	107	70	130	1.09	1.85	30	
Hexachloro-1,3-butadiene	0.9900	0.15	1	0	99.0	70	130	0.98	1.02	30	
Hexane	1.020	0.15	1	0	102	70	130	1.09	6.64	30	
Isopropyl alcohol	0.9800	0.15	1	0	98.0	70	130	1.11	12.4	30	
m&p-Xylene	2.220	0.30	2	0	111	70	130	2.07	6.99	30	
Methyl Butyl Ketone	0.7900	0.30	1	0	79.0	70	130	0.88	10.8	30	
Methyl Ethyl Ketone	1.040	0.30	1	0	104	70	130	1.07	2.84	30	
Methyl Isobutyl Ketone	0.8500	0.30	1	0	85.0	70	130	0.91	6.82	30	
Methyl tert-butyl ether	0.9400	0.15	1	0	94.0	70	130	1.12	17.5	30	
Methylene chloride	1.040	0.15	1	0	104	70	130	1.25	18.3	30	
o-Xylene	1.040	0.15	1	0	104	70	130	1.04	0	30	
Propylene	1.070	0.15	1	0	107	70	130	1.05	1.89	30	
Styrene	1.080	0.15	1	0	108	70	130	1.04	3.77	30	
Tetrachloroethylene	0.9500	0.15	1	0	95.0	70	130	0.9	5.41	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCS1UGD-020515** SampType: **LCSD** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9311**
Client ID: **ZZZZZ** Batch ID: **R9311** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110256**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrahydrofuran	1.010	0.15	1	0	101	70	130	1.03	1.96	30	
Toluene	1.030	0.15	1	0	103	70	130	0.96	7.04	30	
trans-1,2-Dichloroethene	0.9900	0.15	1	0	99.0	70	130	1.23	21.6	30	
trans-1,3-Dichloropropene	1.060	0.15	1	0	106	70	130	1.06	0	30	
Trichloroethene	1.090	0.15	1	0	109	70	130	1.03	5.66	30	
Vinyl acetate	1.070	0.15	1	0	107	70	130	1.12	4.57	30	
Vinyl Bromide	0.9900	0.15	1	0	99.0	70	130	1.01	2.00	30	
Vinyl chloride	0.9600	0.15	1	0	96.0	70	130	0.98	2.06	30	
Surr: Bromofluorobenzene	1.080	0	1	0	108	70	130	0	0	30	

Sample ID: **ALCSD1UG-020615** SampType: **LCSD** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	1.160	0.15	1	0	116	70	130	1.26	8.26	30	
1,1,2,2-Tetrachloroethane	1.100	0.15	1	0	110	70	130	1.13	2.69	30	
1,1,2-Trichloroethane	1.190	0.15	1	0	119	70	130	1.19	0	30	
1,1-Dichloroethane	1.230	0.15	1	0	123	70	130	1.06	14.8	30	
1,1-Dichloroethene	1.230	0.15	1	0	123	70	130	1.18	4.15	30	
1,2,4-Trichlorobenzene	0.8200	0.15	1	0	82.0	70	130	1.01	20.8	30	
1,2,4-Trimethylbenzene	1.140	0.15	1	0	114	70	130	1.18	3.45	30	
1,2-Dibromoethane	1.120	0.15	1	0	112	70	130	1.2	6.90	30	
1,2-Dichlorobenzene	1.080	0.15	1	0	108	70	130	1.17	8.00	30	
1,2-Dichloroethane	1.240	0.15	1	0	124	70	130	1.2	3.28	30	
1,2-Dichloropropane	1.060	0.15	1	0	106	70	130	1.11	4.61	30	
1,3,5-Trimethylbenzene	1.280	0.15	1	0	128	70	130	1.26	1.57	30	
1,3-butadiene	1.200	0.15	1	0	120	70	130	1.18	1.68	30	
1,3-Dichlorobenzene	1.110	0.15	1	0	111	70	130	1.22	9.44	30	
1,4-Dichlorobenzene	1.140	0.15	1	0	114	70	130	1.2	5.13	30	
1,4-Dioxane	1.270	0.30	1	0	127	70	130	1.29	1.56	30	

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCSD1UG-020615** SampType: **LCSD** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,2,4-trimethylpentane	1.170	0.15	1	0	117	70	130	1.02	13.7	30	
4-ethyltoluene	1.180	0.15	1	0	118	70	130	1.22	3.33	30	
Acetone	1.180	0.30	1	0	118	70	130	1.1	7.02	30	
Allyl chloride	0.9500	0.15	1	0	95.0	70	130	0.94	1.06	30	
Benzene	1.150	0.15	1	0	115	70	130	1.17	1.72	30	
Benzyl chloride	0.9300	0.15	1	0	93.0	70	130	1.18	23.7	30	
Bromodichloromethane	1.150	0.15	1	0	115	70	130	1.19	3.42	30	
Bromoform	1.070	0.15	1	0	107	70	130	1.12	4.57	30	
Bromomethane	1.110	0.15	1	0	111	70	130	1.14	2.67	30	
Carbon disulfide	1.230	0.15	1	0	123	70	130	1.16	5.86	30	
Carbon tetrachloride	1.020	0.15	1	0	102	70	130	1.08	5.71	30	
Chlorobenzene	1.170	0.15	1	0	117	70	130	1.16	0.858	30	
Chloroethane	1.090	0.15	1	0	109	70	130	1.11	1.82	30	
Chloroform	1.150	0.15	1	0	115	70	130	1.14	0.873	30	
Chloromethane	1.150	0.15	1	0	115	70	130	1.15	0	30	
cis-1,2-Dichloroethene	1.150	0.15	1	0	115	70	130	1.12	2.64	30	
cis-1,3-Dichloropropene	1.230	0.15	1	0	123	70	130	1.23	0	30	
Cyclohexane	1.120	0.15	1	0	112	70	130	1.16	3.51	30	
Dibromochloromethane	1.110	0.15	1	0	111	70	130	1.17	5.26	30	
Ethyl acetate	1.170	0.25	1	0	117	70	130	1.19	1.69	30	
Ethylbenzene	1.210	0.15	1	0	121	70	130	1.17	3.36	30	
Freon 11	1.130	0.15	1	0	113	70	130	1.13	0	30	
Freon 113	1.180	0.15	1	0	118	70	130	1.17	0.851	30	
Freon 114	1.230	0.15	1	0	123	70	130	1.21	1.64	30	
Freon 12	1.150	0.15	1	0	115	70	130	1.16	0.866	30	
Heptane	1.180	0.15	1	0	118	70	130	1.19	0.844	30	
Hexachloro-1,3-butadiene	1.020	0.15	1	0	102	70	130	1.14	11.1	30	
Hexane	1.280	0.15	1	0	128	70	130	1.2	6.45	30	
Isopropyl alcohol	1.240	0.15	1	0	124	70	130	1.29	3.95	30	
m&p-Xylene	2.390	0.30	2	0	120	70	130	2.45	2.48	30	
Methyl Butyl Ketone	1.150	0.30	1	0	115	70	130	1.23	6.72	30	

Qualifiers:
. Results reported are not blank corrected
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected at or below quantitation limits
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recovery limits

CLIENT: FPM Group, Ltd.
Work Order: C1502009
Project: 126th Street

TestCode: 1ugM3_TO15

Sample ID: **ALCSD1UG-020615** SampType: **LCSD** TestCode: **1ugM3_TO15** Units: **ppbV** Prep Date: RunNo: **9312**
Client ID: **ZZZZZ** Batch ID: **R9312** TestNo: **TO-15** Analysis Date: **2/6/2015** SeqNo: **110275**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl Ethyl Ketone	1.280	0.30	1	0	128	70	130	1.21	5.62	30	
Methyl Isobutyl Ketone	1.230	0.30	1	0	123	70	130	1.25	1.61	30	
Methyl tert-butyl ether	1.110	0.15	1	0	111	70	130	1.12	0.897	30	
Methylene chloride	1.170	0.15	1	0	117	70	130	1.21	3.36	30	
o-Xylene	1.190	0.15	1	0	119	70	130	1.19	0	30	
Propylene	1.170	0.15	1	0	117	70	130	1.13	3.48	30	
Styrene	1.230	0.15	1	0	123	70	130	1.25	1.61	30	
Tetrachloroethylene	1.020	0.15	1	0	102	70	130	1.08	5.71	30	
Tetrahydrofuran	1.200	0.15	1	0	120	70	130	1.12	6.90	30	
Toluene	1.170	0.15	1	0	117	70	130	1.19	1.69	30	
trans-1,2-Dichloroethene	1.260	0.15	1	0	126	70	130	1.18	6.56	30	
trans-1,3-Dichloropropene	1.170	0.15	1	0	117	70	130	1.15	1.72	30	
Trichloroethene	1.160	0.15	1	0	116	70	130	1.17	0.858	30	
Vinyl acetate	1.250	0.15	1	0	125	70	130	1.08	14.6	30	
Vinyl Bromide	1.080	0.15	1	0	108	70	130	1.1	1.83	30	
Vinyl chloride	1.050	0.15	1	0	105	70	130	1.06	0.948	30	
Surr: Bromofluorobenzene	1.060	0	1	0	106	70	130	0	0	30	

Qualifiers:

.	Results reported are not blank corrected	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected at or below quantitation limits	ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits				

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-1
Lab Order:	C1502009	**Tag Number:**	87,278
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-9			"Hg		2/3/2015
Lab Vacuum Out	-30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,2,4-Trimethylbenzene	0.11	0.15	J	ppbV	1	2/6/2015 11:14:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 11:14:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Acetone	480	81		ppbV	270	2/6/2015 4:10:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Benzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Carbon disulfide	0.29	0.15		ppbV	1	2/6/2015 11:14:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Cyclohexane	5.1	1.5		ppbV	10	2/6/2015 1:05:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/6/2015 11:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-1
Lab Order:	C1502009	**Tag Number:**	87,278
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	0.83	0.15		ppbV	1	2/6/2015 11:14:00 AM
Freon 11	0.16	0.15		ppbV	1	2/6/2015 11:14:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Freon 12	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Heptane	11	1.5		ppbV	10	2/6/2015 1:05:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Hexane	81	40		ppbV	270	2/6/2015 4:10:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
m&p-Xylene	3.0	0.30		ppbV	1	2/6/2015 11:14:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 11:14:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 11:14:00 AM
Methyl Isobutyl Ketone	1.0	0.30		ppbV	1	2/6/2015 11:14:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Methylene chloride	0.47	0.15		ppbV	1	2/6/2015 11:14:00 AM
o-Xylene	1.2	0.15		ppbV	1	2/6/2015 11:14:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Toluene	7.7	1.5		ppbV	10	2/6/2015 1:05:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 11:14:00 AM
Surr: Bromofluorobenzene	128	70-130		%REC	1	2/6/2015 11:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-2
Lab Order:	C1502009	**Tag Number:**	168,346
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-13			"Hg		2/3/2015
Lab Vacuum Out	-30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,2,4-Trimethylbenzene	0.24	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,3,5-Trimethylbenzene	0.13	0.15	J	ppbV	1	2/6/2015 11:53:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 11:53:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
4-ethyltoluene	0.18	0.15		ppbV	1	2/6/2015 11:53:00 AM
Acetone	490	81		ppbV	270	2/6/2015 4:45:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Benzene	1.5	0.15		ppbV	1	2/6/2015 11:53:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Carbon disulfide	1.5	0.15		ppbV	1	2/6/2015 11:53:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Chloroform	0.24	0.15		ppbV	1	2/6/2015 11:53:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Cyclohexane	1.5	0.15		ppbV	1	2/6/2015 11:53:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/6/2015 11:53:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-2
Lab Order:	C1502009	**Tag Number:**	168,346
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	1.1	0.15		ppbV	1	2/6/2015 11:53:00 AM
Freon 11	0.24	0.15		ppbV	1	2/6/2015 11:53:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Freon 12	0.51	0.15		ppbV	1	2/6/2015 11:53:00 AM
Heptane	3.3	1.5		ppbV	10	2/6/2015 1:41:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Hexane	4.5	1.5		ppbV	10	2/6/2015 1:41:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
m&p-Xylene	3.7	0.30		ppbV	1	2/6/2015 11:53:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 11:53:00 AM
Methyl Ethyl Ketone	7.5	3.0		ppbV	10	2/6/2015 1:41:00 AM
Methyl Isobutyl Ketone	1.0	0.30		ppbV	1	2/6/2015 11:53:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Methylene chloride	0.78	0.15		ppbV	1	2/6/2015 11:53:00 AM
o-Xylene	1.5	0.15		ppbV	1	2/6/2015 11:53:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Tetrachloroethylene	1.4	0.15		ppbV	1	2/6/2015 11:53:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Toluene	11	1.5		ppbV	10	2/6/2015 1:41:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Trichloroethene	0.32	0.15		ppbV	1	2/6/2015 11:53:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 11:53:00 AM
Surr: Bromofluorobenzene	120	70-130		%REC	1	2/6/2015 11:53:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-3
Lab Order:	C1502009	**Tag Number:**	546,310
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-6			"Hg		2/3/2015
Lab Vacuum Out	-30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.14	0.15	J	ppbV	1	2/6/2015 12:32:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,2,4-Trimethylbenzene	0.20	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 12:32:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
4-ethyltoluene	0.14	0.15	J	ppbV	1	2/6/2015 12:32:00 PM
Acetone	310	81		ppbV	270	2/6/2015 5:20:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Benzene	1.6	0.15		ppbV	1	2/6/2015 12:32:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Carbon disulfide	0.26	0.15		ppbV	1	2/6/2015 12:32:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Chloroform	0.71	0.15		ppbV	1	2/6/2015 12:32:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
cis-1,2-Dichloroethene	0.34	0.15		ppbV	1	2/6/2015 12:32:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Cyclohexane	0.94	0.15		ppbV	1	2/6/2015 12:32:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Ethyl acetate	1.7	0.25		ppbV	1	2/6/2015 12:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-3
Lab Order:	C1502009	**Tag Number:**	546,310
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	1.3	0.15		ppbV	1	2/6/2015 12:32:00 PM
Freon 11	0.35	0.15		ppbV	1	2/6/2015 12:32:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Freon 12	0.91	0.15		ppbV	1	2/6/2015 12:32:00 PM
Heptane	3.0	1.5		ppbV	10	2/6/2015 2:16:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Hexane	3.2	1.5		ppbV	10	2/6/2015 2:16:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
m&p-Xylene	4.7	3.0		ppbV	10	2/6/2015 2:16:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 12:32:00 PM
Methyl Ethyl Ketone	6.7	3.0		ppbV	10	2/6/2015 2:16:00 AM
Methyl Isobutyl Ketone	0.98	0.30		ppbV	1	2/6/2015 12:32:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Methylene chloride	1.2	0.15		ppbV	1	2/6/2015 12:32:00 PM
o-Xylene	1.9	0.15		ppbV	1	2/6/2015 12:32:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Tetrachloroethylene	5.3	1.5		ppbV	10	2/6/2015 2:16:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Toluene	10	1.5		ppbV	10	2/6/2015 2:16:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Trichloroethene	1.9	0.15		ppbV	1	2/6/2015 12:32:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:32:00 PM
Surr: Bromofluorobenzene	119	70-130		%REC	1	2/6/2015 12:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-4
Lab Order:	C1502009	**Tag Number:**	95,249
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-12			"Hg		2/3/2015
Lab Vacuum Out	-30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.62	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,2,4-Trimethylbenzene	0.19	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,3,5-Trimethylbenzene	0.10	0.15	J	ppbV	1	2/6/2015 1:12:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 1:12:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
4-ethyltoluene	0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Acetone	330	81		ppbV	270	2/6/2015 6:34:00 PM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Benzene	20	1.5		ppbV	10	2/6/2015 2:52:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Bromomethane	0.19	0.15		ppbV	1	2/6/2015 1:12:00 PM
Carbon disulfide	220	40		ppbV	270	2/6/2015 6:34:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Cyclohexane	27	4.0		ppbV	27	2/6/2015 5:58:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/6/2015 1:12:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-4
Lab Order:	C1502009	**Tag Number:**	95,249
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	1.6	0.15		ppbV	1	2/6/2015 1:12:00 PM
Freon 11	1.5	0.15		ppbV	1	2/6/2015 1:12:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Freon 12	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Heptane	22	1.5		ppbV	10	2/6/2015 2:52:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Hexane	70	40		ppbV	270	2/6/2015 6:34:00 PM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
m&p-Xylene	6.1	3.0		ppbV	10	2/6/2015 2:52:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 1:12:00 PM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 1:12:00 PM
Methyl Isobutyl Ketone	1.8	0.30		ppbV	1	2/6/2015 1:12:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Methylene chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
o-Xylene	2.6	1.5		ppbV	10	2/6/2015 2:52:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Tetrachloroethylene	0.19	0.15		ppbV	1	2/6/2015 1:12:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Toluene	11	1.5		ppbV	10	2/6/2015 2:52:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Trichloroethene	0.40	0.15		ppbV	1	2/6/2015 1:12:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:12:00 PM
Surr: Bromofluorobenzene	113	70-130		%REC	1	2/6/2015 1:12:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-5
Lab Order:	C1502009	**Tag Number:**	203,1167
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-11			"Hg		2/3/2015
Lab Vacuum Out	-30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.16	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,2,4-Trimethylbenzene	0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 1:52:00 PM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Acetone	640	81		ppbV	270	2/7/2015 6:25:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Benzene	2.5	1.5		ppbV	10	2/6/2015 3:27:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Carbon disulfide	1.3	1.5	J	ppbV	10	2/6/2015 3:27:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Chloroform	0.91	0.15		ppbV	1	2/6/2015 1:52:00 PM
Chloromethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Cyclohexane	1.9	0.15		ppbV	1	2/6/2015 1:52:00 PM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/6/2015 1:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-5
Lab Order:	C1502009	**Tag Number:**	203,1167
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	1.5	0.15		ppbV	1	2/6/2015 1:52:00 PM
Freon 11	0.46	0.15		ppbV	1	2/6/2015 1:52:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Freon 12	0.94	0.15		ppbV	1	2/6/2015 1:52:00 PM
Heptane	3.7	1.5		ppbV	10	2/6/2015 3:27:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Hexane	5.7	1.5		ppbV	10	2/6/2015 3:27:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
m&p-Xylene	6.9	3.0		ppbV	10	2/6/2015 3:27:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 1:52:00 PM
Methyl Ethyl Ketone	7.7	3.0		ppbV	10	2/6/2015 3:27:00 AM
Methyl Isobutyl Ketone	1.1	0.30		ppbV	1	2/6/2015 1:52:00 PM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Methylene chloride	0.75	0.15		ppbV	1	2/6/2015 1:52:00 PM
o-Xylene	2.5	1.5		ppbV	10	2/6/2015 3:27:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Tetrachloroethylene	0.84	0.15		ppbV	1	2/6/2015 1:52:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Toluene	10	1.5		ppbV	10	2/6/2015 3:27:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Trichloroethene	0.18	0.15		ppbV	1	2/6/2015 1:52:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 1:52:00 PM
Surr: Bromofluorobenzene	118	70-130		%REC	1	2/6/2015 1:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-6
Lab Order:	C1502009	**Tag Number:**	479,1165
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	-11			"Hg		2/3/2015
Lab Vacuum Out	-30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,2,4-Trimethylbenzene	0.27	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,3,5-Trimethylbenzene	0.13	0.15	J	ppbV	1	2/6/2015 2:32:00 PM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,4-Dichlorobenzene	0.21	0.15		ppbV	1	2/6/2015 2:32:00 PM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 2:32:00 PM
2,2,4-trimethylpentane	0.21	0.15		ppbV	1	2/6/2015 2:32:00 PM
4-ethyltoluene	0.22	0.15		ppbV	1	2/6/2015 2:32:00 PM
Acetone	840	81		ppbV	270	2/7/2015 7:00:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Benzene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Bromomethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Carbon disulfide	0.26	0.15		ppbV	1	2/6/2015 2:32:00 PM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Chloroform	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Chloromethane	0.80	0.15		ppbV	1	2/6/2015 2:32:00 PM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Cyclohexane	9.3	1.5		ppbV	10	2/6/2015 4:03:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/6/2015 2:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-6
Lab Order:	C1502009	**Tag Number:**	479,1165
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	1.0	0.15		ppbV	1	2/6/2015 2:32:00 PM
Freon 11	0.21	0.15		ppbV	1	2/6/2015 2:32:00 PM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Freon 12	0.46	0.15		ppbV	1	2/6/2015 2:32:00 PM
Heptane	2.0	1.5		ppbV	10	2/6/2015 4:03:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Hexane	3.7	1.5		ppbV	10	2/6/2015 4:03:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
m&p-Xylene	3.8	0.30		ppbV	1	2/6/2015 2:32:00 PM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 2:32:00 PM
Methyl Ethyl Ketone	7.5	3.0		ppbV	10	2/6/2015 4:03:00 AM
Methyl Isobutyl Ketone	0.81	0.30		ppbV	1	2/6/2015 2:32:00 PM
Methyl tert-butyl ether	0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Methylene chloride	0.78	0.15		ppbV	1	2/6/2015 2:32:00 PM
o-Xylene	1.6	0.15		ppbV	1	2/6/2015 2:32:00 PM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Toluene	18	1.5		ppbV	10	2/6/2015 4:03:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Trichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 2:32:00 PM
Surr: Bromofluorobenzene	124	70-130		%REC	1	2/6/2015 2:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	Trip Blank
Lab Order:	C1502009	**Tag Number:**	240
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Lab Vacuum In	+30			"Hg		2/3/2015
Lab Vacuum Out	+30			"Hg		2/3/2015
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,1,2,2-Tetrachloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,1,2-Trichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,1-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,1-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,2,4-Trichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,2,4-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,2-Dibromoethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,2-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,2-Dichloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,2-Dichloropropane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,3,5-Trimethylbenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,3-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,4-Dichlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
1,4-Dioxane	< 0.30	0.30		ppbV	1	2/6/2015 12:30:00 AM
2,2,4-trimethylpentane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
4-ethyltoluene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Acetone	< 0.30	0.30		ppbV	1	2/6/2015 12:30:00 AM
Allyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Benzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Benzyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Bromodichloromethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Bromoform	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Bromomethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Carbon disulfide	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Carbon tetrachloride	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Chlorobenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Chloroethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Chloroform	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Chloromethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
cis-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
cis-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Cyclohexane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Dibromochloromethane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Ethyl acetate	< 0.25	0.25		ppbV	1	2/6/2015 12:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	Trip Blank
Lab Order:	C1502009	**Tag Number:**	240
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Ethylbenzene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Freon 11	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Freon 113	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Freon 114	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Freon 12	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Heptane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Hexachloro-1,3-butadiene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Hexane	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Isopropyl alcohol	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
m&p-Xylene	< 0.30	0.30		ppbV	1	2/6/2015 12:30:00 AM
Methyl Butyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 12:30:00 AM
Methyl Ethyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 12:30:00 AM
Methyl Isobutyl Ketone	< 0.30	0.30		ppbV	1	2/6/2015 12:30:00 AM
Methyl tert-butyl ether	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Methylene chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
o-Xylene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Propylene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Styrene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Tetrachloroethylene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Tetrahydrofuran	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Toluene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
trans-1,2-Dichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
trans-1,3-Dichloropropene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Trichloroethene	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Vinyl acetate	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Vinyl Bromide	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Vinyl chloride	< 0.15	0.15		ppbV	1	2/6/2015 12:30:00 AM
Surr: Bromofluorobenzene	86.0	70-130		%REC	1	2/6/2015 12:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-1
Lab Order:	C1502009	**Tag Number:**	87,278
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 11:14:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 11:14:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 11:14:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 11:14:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 11:14:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 11:14:00 AM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	2/6/2015 11:14:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 11:14:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 11:14:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 11:14:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 11:14:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/6/2015 11:14:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 11:14:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 11:14:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 11:14:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 11:14:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/6/2015 11:14:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/6/2015 11:14:00 AM
Acetone	1100	190		ug/m3	270	2/6/2015 4:10:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 11:14:00 AM
Benzene	< 0.48	0.48		ug/m3	1	2/6/2015 11:14:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 11:14:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 11:14:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 11:14:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/6/2015 11:14:00 AM
Carbon disulfide	0.90	0.47		ug/m3	1	2/6/2015 11:14:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 11:14:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 11:14:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 11:14:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/6/2015 11:14:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/6/2015 11:14:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 11:14:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 11:14:00 AM
Cyclohexane	18	5.2		ug/m3	10	2/6/2015 1:05:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 11:14:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/6/2015 11:14:00 AM
Ethylbenzene	3.6	0.65		ug/m3	1	2/6/2015 11:14:00 AM
Freon 11	0.90	0.84		ug/m3	1	2/6/2015 11:14:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 11:14:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 11:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-1
Lab Order:	C1502009	**Tag Number:**	87,278
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-001A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	< 0.74	0.74		ug/m3	1	2/6/2015 11:14:00 AM
Heptane	46	6.1		ug/m3	10	2/6/2015 1:05:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 11:14:00 AM
Hexane	290	140		ug/m3	270	2/6/2015 4:10:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 11:14:00 AM
m&p-Xylene	13	1.3		ug/m3	1	2/6/2015 11:14:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 11:14:00 AM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	2/6/2015 11:14:00 AM
Methyl Isobutyl Ketone	4.1	1.2		ug/m3	1	2/6/2015 11:14:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/6/2015 11:14:00 AM
Methylene chloride	1.6	0.52		ug/m3	1	2/6/2015 11:14:00 AM
o-Xylene	5.3	0.65		ug/m3	1	2/6/2015 11:14:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 11:14:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 11:14:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/6/2015 11:14:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 11:14:00 AM
Toluene	29	5.7		ug/m3	10	2/6/2015 1:05:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 11:14:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 11:14:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/6/2015 11:14:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 11:14:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 11:14:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 11:14:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-2
Lab Order:	C1502009	**Tag Number:**	168,346
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 11:53:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 11:53:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 11:53:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 11:53:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 11:53:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 11:53:00 AM
1,2,4-Trimethylbenzene	1.2	0.74		ug/m3	1	2/6/2015 11:53:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 11:53:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 11:53:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 11:53:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 11:53:00 AM
1,3,5-Trimethylbenzene	0.64	0.74	J	ug/m3	1	2/6/2015 11:53:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 11:53:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 11:53:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 11:53:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 11:53:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/6/2015 11:53:00 AM
4-ethyltoluene	0.88	0.74		ug/m3	1	2/6/2015 11:53:00 AM
Acetone	1200	190		ug/m3	270	2/6/2015 4:45:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 11:53:00 AM
Benzene	4.9	0.48		ug/m3	1	2/6/2015 11:53:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 11:53:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 11:53:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 11:53:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/6/2015 11:53:00 AM
Carbon disulfide	4.5	0.47		ug/m3	1	2/6/2015 11:53:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 11:53:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 11:53:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 11:53:00 AM
Chloroform	1.2	0.73		ug/m3	1	2/6/2015 11:53:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/6/2015 11:53:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 11:53:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 11:53:00 AM
Cyclohexane	5.1	0.52		ug/m3	1	2/6/2015 11:53:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 11:53:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/6/2015 11:53:00 AM
Ethylbenzene	4.8	0.65		ug/m3	1	2/6/2015 11:53:00 AM
Freon 11	1.3	0.84		ug/m3	1	2/6/2015 11:53:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 11:53:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 11:53:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-2
Lab Order:	C1502009	**Tag Number:**	168,346
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-002A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.5	0.74		ug/m3	1	2/6/2015 11:53:00 AM
Heptane	14	6.1		ug/m3	10	2/6/2015 1:41:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 11:53:00 AM
Hexane	16	5.3		ug/m3	10	2/6/2015 1:41:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 11:53:00 AM
m&p-Xylene	16	1.3		ug/m3	1	2/6/2015 11:53:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 11:53:00 AM
Methyl Ethyl Ketone	22	8.8		ug/m3	10	2/6/2015 1:41:00 AM
Methyl Isobutyl Ketone	4.2	1.2		ug/m3	1	2/6/2015 11:53:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/6/2015 11:53:00 AM
Methylene chloride	2.7	0.52		ug/m3	1	2/6/2015 11:53:00 AM
o-Xylene	6.7	0.65		ug/m3	1	2/6/2015 11:53:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 11:53:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 11:53:00 AM
Tetrachloroethylene	9.3	1.0		ug/m3	1	2/6/2015 11:53:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 11:53:00 AM
Toluene	41	5.7		ug/m3	10	2/6/2015 1:41:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 11:53:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 11:53:00 AM
Trichloroethene	1.7	0.81		ug/m3	1	2/6/2015 11:53:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 11:53:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 11:53:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 11:53:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-3
Lab Order:	C1502009	**Tag Number:**	546,310
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.76	0.82	J	ug/m3	1	2/6/2015 12:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 12:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 12:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 12:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 12:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 12:32:00 PM
1,2,4-Trimethylbenzene	0.98	0.74		ug/m3	1	2/6/2015 12:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 12:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 12:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 12:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 12:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/6/2015 12:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 12:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 12:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 12:32:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 12:32:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/6/2015 12:32:00 PM
4-ethyltoluene	0.69	0.74	J	ug/m3	1	2/6/2015 12:32:00 PM
Acetone	720	190		ug/m3	270	2/6/2015 5:20:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 12:32:00 PM
Benzene	5.1	0.48		ug/m3	1	2/6/2015 12:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 12:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 12:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 12:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/6/2015 12:32:00 PM
Carbon disulfide	0.81	0.47		ug/m3	1	2/6/2015 12:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 12:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 12:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 12:32:00 PM
Chloroform	3.5	0.73		ug/m3	1	2/6/2015 12:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	2/6/2015 12:32:00 PM
cis-1,2-Dichloroethene	1.3	0.59		ug/m3	1	2/6/2015 12:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 12:32:00 PM
Cyclohexane	3.2	0.52		ug/m3	1	2/6/2015 12:32:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 12:32:00 PM
Ethyl acetate	6.2	0.90		ug/m3	1	2/6/2015 12:32:00 PM
Ethylbenzene	5.5	0.65		ug/m3	1	2/6/2015 12:32:00 PM
Freon 11	2.0	0.84		ug/m3	1	2/6/2015 12:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 12:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 12:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-3
Lab Order:	C1502009	**Tag Number:**	546,310
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-003A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	4.5	0.74		ug/m3	1	2/6/2015 12:32:00 PM
Heptane	12	6.1		ug/m3	10	2/6/2015 2:16:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 12:32:00 PM
Hexane	11	5.3		ug/m3	10	2/6/2015 2:16:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 12:32:00 PM
m&p-Xylene	20	13		ug/m3	10	2/6/2015 2:16:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 12:32:00 PM
Methyl Ethyl Ketone	20	8.8		ug/m3	10	2/6/2015 2:16:00 AM
Methyl Isobutyl Ketone	4.0	1.2		ug/m3	1	2/6/2015 12:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/6/2015 12:32:00 PM
Methylene chloride	4.2	0.52		ug/m3	1	2/6/2015 12:32:00 PM
o-Xylene	8.3	0.65		ug/m3	1	2/6/2015 12:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 12:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 12:32:00 PM
Tetrachloroethylene	36	10		ug/m3	10	2/6/2015 2:16:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 12:32:00 PM
Toluene	38	5.7		ug/m3	10	2/6/2015 2:16:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 12:32:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 12:32:00 PM
Trichloroethene	10	0.81		ug/m3	1	2/6/2015 12:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 12:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 12:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 12:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-4
Lab Order:	C1502009	**Tag Number:**	95,249
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	3.4	0.82		ug/m3	1	2/6/2015 1:12:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 1:12:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 1:12:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 1:12:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 1:12:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 1:12:00 PM
1,2,4-Trimethylbenzene	0.93	0.74		ug/m3	1	2/6/2015 1:12:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 1:12:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 1:12:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 1:12:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 1:12:00 PM
1,3,5-Trimethylbenzene	0.49	0.74	J	ug/m3	1	2/6/2015 1:12:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 1:12:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 1:12:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 1:12:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 1:12:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/6/2015 1:12:00 PM
4-ethyltoluene	0.74	0.74		ug/m3	1	2/6/2015 1:12:00 PM
Acetone	790	190		ug/m3	270	2/6/2015 6:34:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 1:12:00 PM
Benzene	64	4.8		ug/m3	10	2/6/2015 2:52:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 1:12:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 1:12:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 1:12:00 PM
Bromomethane	0.74	0.58		ug/m3	1	2/6/2015 1:12:00 PM
Carbon disulfide	690	120		ug/m3	270	2/6/2015 6:34:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 1:12:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 1:12:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 1:12:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/6/2015 1:12:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	2/6/2015 1:12:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 1:12:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 1:12:00 PM
Cyclohexane	94	14		ug/m3	27	2/6/2015 5:58:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 1:12:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/6/2015 1:12:00 PM
Ethylbenzene	6.9	0.65		ug/m3	1	2/6/2015 1:12:00 PM
Freon 11	8.3	0.84		ug/m3	1	2/6/2015 1:12:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 1:12:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 1:12:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-4
Lab Order:	C1502009	**Tag Number:**	95,249
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-004A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	< 0.74	0.74		ug/m3	1	2/6/2015 1:12:00 PM
Heptane	90	6.1		ug/m3	10	2/6/2015 2:52:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 1:12:00 PM
Hexane	250	140		ug/m3	270	2/6/2015 6:34:00 PM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 1:12:00 PM
m&p-Xylene	26	13		ug/m3	10	2/6/2015 2:52:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 1:12:00 PM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	2/6/2015 1:12:00 PM
Methyl Isobutyl Ketone	7.3	1.2		ug/m3	1	2/6/2015 1:12:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/6/2015 1:12:00 PM
Methylene chloride	< 0.52	0.52		ug/m3	1	2/6/2015 1:12:00 PM
o-Xylene	11	6.5		ug/m3	10	2/6/2015 2:52:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 1:12:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 1:12:00 PM
Tetrachloroethylene	1.3	1.0		ug/m3	1	2/6/2015 1:12:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 1:12:00 PM
Toluene	42	5.7		ug/m3	10	2/6/2015 2:52:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 1:12:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 1:12:00 PM
Trichloroethene	2.1	0.81		ug/m3	1	2/6/2015 1:12:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 1:12:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 1:12:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 1:12:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-5
Lab Order:	C1502009	**Tag Number:**	203,1167
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	0.87	0.82		ug/m3	1	2/6/2015 1:52:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 1:52:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 1:52:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 1:52:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 1:52:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 1:52:00 PM
1,2,4-Trimethylbenzene	0.74	0.74		ug/m3	1	2/6/2015 1:52:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 1:52:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 1:52:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 1:52:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 1:52:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/6/2015 1:52:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 1:52:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 1:52:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 1:52:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 1:52:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/6/2015 1:52:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/6/2015 1:52:00 PM
Acetone	1500	190		ug/m3	270	2/7/2015 6:25:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 1:52:00 PM
Benzene	8.0	4.8		ug/m3	10	2/6/2015 3:27:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 1:52:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 1:52:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 1:52:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/6/2015 1:52:00 PM
Carbon disulfide	4.0	4.7	J	ug/m3	10	2/6/2015 3:27:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 1:52:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 1:52:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 1:52:00 PM
Chloroform	4.4	0.73		ug/m3	1	2/6/2015 1:52:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	2/6/2015 1:52:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 1:52:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 1:52:00 PM
Cyclohexane	6.6	0.52		ug/m3	1	2/6/2015 1:52:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 1:52:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/6/2015 1:52:00 PM
Ethylbenzene	6.6	0.65		ug/m3	1	2/6/2015 1:52:00 PM
Freon 11	2.6	0.84		ug/m3	1	2/6/2015 1:52:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 1:52:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 1:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-5
Lab Order:	C1502009	**Tag Number:**	203,1167
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-005A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	4.6	0.74		ug/m3	1	2/6/2015 1:52:00 PM
Heptane	15	6.1		ug/m3	10	2/6/2015 3:27:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 1:52:00 PM
Hexane	20	5.3		ug/m3	10	2/6/2015 3:27:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 1:52:00 PM
m&p-Xylene	30	13		ug/m3	10	2/6/2015 3:27:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 1:52:00 PM
Methyl Ethyl Ketone	23	8.8		ug/m3	10	2/6/2015 3:27:00 AM
Methyl Isobutyl Ketone	4.5	1.2		ug/m3	1	2/6/2015 1:52:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/6/2015 1:52:00 PM
Methylene chloride	2.6	0.52		ug/m3	1	2/6/2015 1:52:00 PM
o-Xylene	11	6.5		ug/m3	10	2/6/2015 3:27:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 1:52:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 1:52:00 PM
Tetrachloroethylene	5.7	1.0		ug/m3	1	2/6/2015 1:52:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 1:52:00 PM
Toluene	40	5.7		ug/m3	10	2/6/2015 3:27:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 1:52:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 1:52:00 PM
Trichloroethene	0.97	0.81		ug/m3	1	2/6/2015 1:52:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 1:52:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 1:52:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 1:52:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-6
Lab Order:	C1502009	**Tag Number:**	479,1165
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 2:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 2:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 2:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 2:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 2:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 2:32:00 PM
1,2,4-Trimethylbenzene	1.3	0.74		ug/m3	1	2/6/2015 2:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 2:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 2:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 2:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 2:32:00 PM
1,3,5-Trimethylbenzene	0.64	0.74	J	ug/m3	1	2/6/2015 2:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 2:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 2:32:00 PM
1,4-Dichlorobenzene	1.3	0.90		ug/m3	1	2/6/2015 2:32:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 2:32:00 PM
2,2,4-trimethylpentane	0.98	0.70		ug/m3	1	2/6/2015 2:32:00 PM
4-ethyltoluene	1.1	0.74		ug/m3	1	2/6/2015 2:32:00 PM
Acetone	2000	190		ug/m3	270	2/7/2015 7:00:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 2:32:00 PM
Benzene	< 0.48	0.48		ug/m3	1	2/6/2015 2:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 2:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 2:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 2:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	2/6/2015 2:32:00 PM
Carbon disulfide	0.81	0.47		ug/m3	1	2/6/2015 2:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 2:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 2:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 2:32:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	2/6/2015 2:32:00 PM
Chloromethane	1.7	0.31		ug/m3	1	2/6/2015 2:32:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 2:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 2:32:00 PM
Cyclohexane	32	5.2		ug/m3	10	2/6/2015 4:03:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 2:32:00 PM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/6/2015 2:32:00 PM
Ethylbenzene	4.3	0.65		ug/m3	1	2/6/2015 2:32:00 PM
Freon 11	1.2	0.84		ug/m3	1	2/6/2015 2:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 2:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 2:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	SV-6
Lab Order:	C1502009	**Tag Number:**	479,1165
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-006A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	2.3	0.74		ug/m3	1	2/6/2015 2:32:00 PM
Heptane	8.2	6.1		ug/m3	10	2/6/2015 4:03:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 2:32:00 PM
Hexane	13	5.3		ug/m3	10	2/6/2015 4:03:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 2:32:00 PM
m&p-Xylene	16	1.3		ug/m3	1	2/6/2015 2:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 2:32:00 PM
Methyl Ethyl Ketone	22	8.8		ug/m3	10	2/6/2015 4:03:00 AM
Methyl Isobutyl Ketone	3.3	1.2		ug/m3	1	2/6/2015 2:32:00 PM
Methyl tert-butyl ether	0.54	0.54		ug/m3	1	2/6/2015 2:32:00 PM
Methylene chloride	2.7	0.52		ug/m3	1	2/6/2015 2:32:00 PM
o-Xylene	6.8	0.65		ug/m3	1	2/6/2015 2:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 2:32:00 PM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 2:32:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/6/2015 2:32:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 2:32:00 PM
Toluene	70	5.7		ug/m3	10	2/6/2015 4:03:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 2:32:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 2:32:00 PM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/6/2015 2:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 2:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 2:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 2:32:00 PM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	Trip Blank
Lab Order:	C1502009	**Tag Number:**	240
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 12:30:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	2/6/2015 12:30:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	2/6/2015 12:30:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 12:30:00 AM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 12:30:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	2/6/2015 12:30:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/6/2015 12:30:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	2/6/2015 12:30:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 12:30:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	2/6/2015 12:30:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	2/6/2015 12:30:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	2/6/2015 12:30:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	2/6/2015 12:30:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 12:30:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	2/6/2015 12:30:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	2/6/2015 12:30:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	2/6/2015 12:30:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	2/6/2015 12:30:00 AM
Acetone	< 0.71	0.71		ug/m3	1	2/6/2015 12:30:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	2/6/2015 12:30:00 AM
Benzene	< 0.48	0.48		ug/m3	1	2/6/2015 12:30:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	2/6/2015 12:30:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	2/6/2015 12:30:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	2/6/2015 12:30:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	2/6/2015 12:30:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	2/6/2015 12:30:00 AM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	2/6/2015 12:30:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	2/6/2015 12:30:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	2/6/2015 12:30:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	2/6/2015 12:30:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	2/6/2015 12:30:00 AM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 12:30:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 12:30:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	2/6/2015 12:30:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	2/6/2015 12:30:00 AM
Ethyl acetate	< 0.90	0.90		ug/m3	1	2/6/2015 12:30:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	2/6/2015 12:30:00 AM
Freon 11	< 0.84	0.84		ug/m3	1	2/6/2015 12:30:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	2/6/2015 12:30:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	2/6/2015 12:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		

Centek Laboratories, LLC

Date: *11-Feb-15*

CLIENT:	FPM Group, Ltd.	**Client Sample ID:**	Trip Blank
Lab Order:	C1502009	**Tag Number:**	240
Project:	126th Street	**Collection Date:**	1/31/2015
Lab ID:	C1502009-007A	**Matrix:**	AIR

Analyses	Result	**Limit	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		**TO-15**				Analyst: **RJP**
Freon 12	< 0.74	0.74		ug/m3	1	2/6/2015 12:30:00 AM
Heptane	< 0.61	0.61		ug/m3	1	2/6/2015 12:30:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	2/6/2015 12:30:00 AM
Hexane	< 0.53	0.53		ug/m3	1	2/6/2015 12:30:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	2/6/2015 12:30:00 AM
m&p-Xylene	< 1.3	1.3		ug/m3	1	2/6/2015 12:30:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 12:30:00 AM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	2/6/2015 12:30:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	2/6/2015 12:30:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	2/6/2015 12:30:00 AM
Methylene chloride	< 0.52	0.52		ug/m3	1	2/6/2015 12:30:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	2/6/2015 12:30:00 AM
Propylene	< 0.26	0.26		ug/m3	1	2/6/2015 12:30:00 AM
Styrene	< 0.64	0.64		ug/m3	1	2/6/2015 12:30:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	2/6/2015 12:30:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	2/6/2015 12:30:00 AM
Toluene	< 0.57	0.57		ug/m3	1	2/6/2015 12:30:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	2/6/2015 12:30:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	2/6/2015 12:30:00 AM
Trichloroethene	< 0.81	0.81		ug/m3	1	2/6/2015 12:30:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	2/6/2015 12:30:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	2/6/2015 12:30:00 AM
Vinyl chloride	< 0.38	0.38		ug/m3	1	2/6/2015 12:30:00 AM

Qualifiers:

**	Reporting Limit	.	Results reported are not blank corrected
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected at or below quantitation limits
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits		