MERRITT
Environmental
Consulting Corp.

FOCUSED SUBSURFACE SITE INVESTIGATION

37-11 30TH STREET
AKA 30-02/12 37TH AVENUE
LONG ISLAND CITY, NEW YORK

PREPARED FOR

VALLEY NATIONAL BANK

PROJECT NO. M11682

MERRITT ENVIRONMENTAL CONSULTING CORP.

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July 7, 2014
Project: M11682

Mr. Michael Riley
Valley National Bank
2 Jericho Plaza Wing C
Jericho, NY 11753

RE: Focused Subsurface Site Investigation
37-11 30th Street
AKA 30-02/12 37th Avenue
Long Island City, New York

Dear Mr. Riley:

Merritt Environmental Consulting Corp. ("MECC") has completed this Focused Subsurface Site Investigation (the "FSSI") at the 37-11 30th Street property (the "Site"). MECC understands that this FSSI is intended for use as an environmental due diligence instrument. The Site contains a one-story and partial three-story warehouse/industrial building with several partial basements and a footprint estimated at 35,000 square feet. In addition, an exterior stockyard is included within the Site. The primary focus of this study was to determine if volatile organic compounds (VOCs) were released to subsurface soil or groundwater at actionable concentrations beneath the Site by past reported plastic manufacturing activities and secondly to evaluate soil and groundwater quality at closed in-place underground storage tanks (USTs). Six (6) soil borings were installed at the Site and laboratory analysis of grab soil samples detected no VOCs. Laboratory analysis of groundwater samples collected from the Site identified trace concentrations of a minor number of chlorinated VOCs, but none were reported to exceed applicable regulatory limits.

All soil and groundwater samples collected during this study were further analyzed under additional parameters by the laboratory as a precautionary measure (semi-volatile organic compounds and polychlorinated biphenyls). This laboratory data reported undetected substances in all soil and groundwater samples under these additional parameters. Three (3) abandoned underground heating USTs and one (1) abandoned subsurface oil/water separator were also discovered at the Site. MECC identified no evidence indicating that the USTs or the oil/water separator discharged petroleum to the environment. One (1) of the three (3) discovered heating oil USTs is reportedly 550-gallon in size and was not accessible during the field activities. However a single small heating oil UST is not considered a material threat of adverse impact on the environmental integrity of the Site. In addition, the interior of the Site building was near full of stocked materials with no access for drilling work. A ground penetrating radar (GPR) survey was conducted but again, access was limited both inside the building and at the exterior stockyard. However MECC believes this investigation was sufficient in scope to adequately determine that past industrial activities at the Site and at nearby properties have not adversely affected Site soil or groundwater quality, and that neither of the two (2) larger USTs or the oil/water separator discharged petroleum to the environment. MECC recommends no further investigation in connection with the potential of past off-site and/or off-site industrial operations, the closed in-place USTs or one (1) abandoned subsurface oil/water separator to adversely impact the environmental integrity of the Site.

Background

The Site bordered to the west by 30th Street, to the north by 37th Avenue and the east by 31st Street in an urban setting. The Site contains two (2) attached structures: one (1) three-story building and one (1) single-story building as well as an exterior paved stockyard at its north side. The footprint of the Site buildings is roughly 35,000 square feet. The total size of the Site is approximately 1.1 acre. It appears that the oldest of the Site buildings consists of the four-story section (1920) and that the single-story portion may have been constructed in the 1940's. The Site is currently used as a warehouse for a stage and theater lighting company known as "See Factor." According to an excerpt of a Phase I Environmental Site Assessment (ESA) report recently completed by others, the Site was used for warehousing purposes by the current occupant since the 1980's. The ESA report stated that a plastics manufacturer occupied the Site from the 1930's to the early 1980's (the specific nature of this historical operation is unknown).

The ESA report also stated that, although no physical evidence of closed or unused USTs were observed, sources of historical information identified up to four (4) USTs at the Site. According to the excerpt of the ESA report, these USTs ranged in size from 550-gallons to 10,000-gallons. However, the ESA report did indicate that UST closure documents were reviewed, and they identified one (1) 5,000-gallon UST, one (1) 2,000-gallon UST and one (1) 550-gallon UST at the Site (these UST closure documents were not included with the excerpted ESA report reviewed by MECC). According to the ESA report, the UST closure documents are dated July 2000 and verified that these three (3) USTs were properly closed in-place. The number and sizes of the USTs described by the ESA report (as disclosed by the review of UST closure documents) generally confirm the statements made by the Site representative and match the findings of the GPR survey currently completed by MECC.

During the FSSI field activities, MECC observed what appeared to be a concrete filled fill line flush into the sidewalk at the 30th Street (west) side of the Site. A Site representative confirmed that this feature was a former fill line for a 550-gallon heating oil UST under the sidewalk, which was closed in-place in 2000. MECC also observed a UST vent pipe protruding from the 31st Street sidewalk adjacent to the single-story section of the Site building at the east side of the Site. The Site representative confirmed that this vent was once connected to a 5,000-gallon heating oil UST under the basement floor slab at the northeast section of the single-story building (see attached site sketch). The Site representative also pointed to an area where a 2,000-gallon heating oil UST is present beneath the sidewalk along 31st Street. The GPR survey generally confirmed the locations of the two (2) exterior USTs. However, because the basement under the northeast section of the Site was filled with debris and other materials, a GPR survey could not be conducted (the Site representative was able to generally point out the outline of this UST).

MECC observed a steel plate covering an approximately five-foot wide by five-foot long concrete-lined pit at the east side of the Site. Removal of the plate revealed an abandoned oil/water separator. No residues or fluids were observed in the pit and the Site representative stated that current operations never included use of the subsurface structure. It appears that the oil/water separator is connected to the local sewer system.

A small concrete shed is located at the exterior side of the north wall of the Site building. MECC observed one (1) abandoned water supply well in the shed. The Site representative confirmed that this well has not been in use for an extended period (he said that current operations never used the well, which was already abandoned when they began occupancy in the 1980's). MECC observed no groundwater monitoring wells at the Site or in public sidewalks at adjoining properties.

Topography and Geology

The elevation of the Site is roughly 40 feet above mean sea level. Surface topography consists of a slight downward slope both to the east and west of the Site with minor relief. Based on MECC's review of published water table elevation isopleth maps, local groundwater flow is expected to be towards the west-northwest in the direction of the East River based on published water table elevation isopleth maps. Groundwater gauging conducted during the FSSI identified the water table at 27 feet below ground surface (bgs). Subsurface sediment beneath the Site generally consisted of coarse sand grading to medium to fine well sorted sand with minor lenses of interbedded silty clay. Fill material was limited to the upper five (5) feet at each boring and generally consisted primarily of sand with minor construction debris (crushed brick, concrete).

Scope of Work Completed

All field activities associated with this FSSI were completed on June 25, 2014. Mr. Frank Galdun, Project Geologist with MECC, supervised the drilling contractor and conducted all field sampling activities.

MECC retained a qualified contractor first conduct the GPR survey of the Site. Again the scope of the GPR survey was limited by a large amount of stored material at the exterior stockyard and within the Site building and partial basement (this partial basement is located under the northeast corner of the Site building and contains the closed in-place 5,000-gallon heating oil UST). The GPR survey identified two (2) subsurface anomalies resembling USTs at the Site. Please refer to the site sketch for anomaly locations. MECC was unable to conduct the GPR survey of the reported location of the 5,000-gallon UST in the basement but the Site representative recalled its location. In addition, MECC observed abandoned fill and vent lines formerly connected to the UST and this finding also generally confirmed the location of this UST.

MECC retained a contractor to employ a track-mounted hydraulic direct-push drill rig to install four (4) soil borings at the Site (Soil Boring Nos. B3 through B6). Soil Boring B3 was placed adjacent to the oil/water separator and closed in-place UST at the east side of the Site. B4 was installed at the west side of the Site principally for groundwater sampling purposes (groundwater samples were collected for laboratory analysis from B3 and B4 to establish groundwater quality at hydraulic upgradient and downgradient positions relative to the single-story Site building). B5 and B6 were installed into the exterior stockyard. The maximum depth of the soil borings was 32 feet bgs. Groundwater was encountered at approximately 27 feet bgs at all borings. Soil quality field screening occurred to 20 feet bgs at B3 through B6, which were then extended directly to the water table for groundwater sampling. Because interior access was largely limited, MECC elected to collect four (4) groundwater samples for laboratory analysis as a precautionary measure (MECC's proposal for this FSSI estimated three groundwater samples). Soil samples were collected for laboratory analysis from B3, B5 and B6. No soil samples were retained for analysis at B4 since this boring was installed at the sidewalk away from any USTs and was intended principally for use as a groundwater sampling point.

In addition, two (2) soil borings (B1 and B2) were installed into the northeast partial basement adjacent to the closed in-place 5,000 gallon UST. These borings were installed using a hand-held electric hammer drill equipped with three-foot long attachable solid stem augers. The maximum depth of these two (2) borings was six feet bgs. Grab soil samples were collected for laboratory analysis from each of these borings.

Soil Quality Field Screening Results

MECC conducted continuous physical evaluation of soil condition to determine if any evidence of contamination was present. In addition, the MECC employed a photoionization detector (PID) to determine if measurable levels of volatile organic vapors existed in the soil samples as they were extracted from the five-foot direct-push sampling sleeves, and from the basement borings. Continuous soil sampling was accomplished at the direct-push soil borings by inserting a five-foot plastic sleeve into a casing at the end of the drill rods and was driven into the subsurface. The sleeves were removed from the casings as they were extracted from the soil borings. Soil quality evaluation and soil sampling was conducted by cutting the sleeves longitudinally, exposing the collected soil. Soil samples were collected at three-foot intervals in the hand installed borings by employing a slide hammer tipped with a stainless steel sampling sleeve.

MECC identified no odors or unusual coloration in any of the soil samples. All PID readings at all borings showed undetected volatile organic vapors in soil. In addition, no sheens or odors were identified in water extracted from the direct-push soil borings during groundwater sampling activities.

Soil and Groundwater Sample Laboratory Analysis

MECC collected one (1) grab soil sample for laboratory analysis from above the water table at B1, B2, B3, B5 and B6. Generally, these samples were collected from deeper intervals (typically at the maximum depth of soil sampling activities) at those locations where USTs and the oil/water separator were being investigated. Shallower soil samples were retained from the remaining borings to determine if near-surface sediment quality was adversely affected by past industrial operations. All samples (four groundwater, five soil) were analyzed at Veritech, a New York State Department of Health-Certified environmental laboratory (NYSDOH Cert. No. 10982). All samples were analyzed under EPA Method 8260 –VOCs. In addition, all samples were analyzed at Veritech for Semi-Volatile Organic Compounds (SVOCs) under EPA Method 8270, and for polychlorinated biphenyls (PCBs).

For groundwater sample collection, MECC installed dedicated one-inch diameter PVC well screen into all borings hydraulic direct-push borings. A ten-foot long well screen topped with solid riser was inserted into Borings B3 through B6 (well screens intersected the water table). Dedicated disposable one-quarter inch diameter flexible tubing fitted with a foot valve was then used to collect groundwater samples from each of the four (4) temporary well points. Groundwater was purged until apparent turbidity was visibly reduced and groundwater samples were collected from the well points for laboratory analysis. All groundwater samples were analyzed for VOC, SVOCs and PCBs at the laboratory.

All appropriate chain of custody documentation was completed before sample shipment to the laboratory. All samples were collected into laboratory-supplied containers with the appropriate preservatives. The samples were stored on ice and hand-delivered to the laboratory within one day of collection.

The soil samples are identified in the attached laboratory report as the following (sample identifications indicate boring number and depth of collection):

- B1 5'-6'
- B2 6'
- B3 19'-20'
- B5 4'-5'
- B6 19'-20'

One (1) VOC, methylene chloride, was detected in soil sample B1 5'-6' at a concentration of 0.004 mg/kg. Methylene chloride is commonly introduced into sample media by environmental laboratories, and is acknowledged by both regulators and the environmental consulting industry as a common laboratory-introduced VOC. Accordingly, MECC concludes that the reported presence of this VOC does not reflect actual soil quality. No other VOCs were detected in the soil samples. In addition, no SVOCs or PCBs were detected in any of the soil samples.

No SVOCs or PCBs were detected in any of the four (4) groundwater samples. VOCs were detected in certain groundwater samples and the following table summarizes the laboratory report.

TABLE 1: VOC RESULTS FOR GROUNDWATER SAMPLES
(detected compounds only)

Compound	B3GW	B4GW	B5GW	B6GW	NYSDEC TOGS Standards
Chloroform	20	6.2	1.5	ND	7
Perchloroethylene	3.5	ND	ND	ND	5
1,1,1-Trichloroethane	ND	2.2	ND	ND	5

NOTES
1. **All results are expressed in micrograms per liter (ug/l), which can also can be expressed as parts per billion (ppb).**
2. **Any result in bold exceeds New York State Department of Health Maximum Contaminant Level for drinking water, and the guidance values or standard listed in the NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1) or "TOGS" *Water Quality Standards and Guidance Values.***
3. **ND: Parameter non-detected, below method detection limits.**

Chloroform was detected at low concentrations in three (3) samples. This substance is commonly introduced into sample media by environmental laboratories, and is acknowledged by both regulators and the environmental consulting industry as a common laboratory-introduced VOC. Accordingly, MECC concludes that the reported presence of this VOC does not reflect actual groundwater quality.

Perchloroethylene (PCE) was detected at a low concentration in B3GW. PCE is a chlorinated VOC commonly used in dry cleaning operations and for metal and circuit board degreasing. The detected level of PCE in the sample is below the applicable regulatory limit for groundwater quality and is therefore not considered a concern. 1,1,1-trichloroethane (also a chlorinated VOC) was detected in B4GW, but at what is considered a trace concentration only and is below the applicable regulatory limit. No other VOCs were detected in any of the four (4) groundwater samples.

Conclusions/Recommendations

The results of this study disclosed no evidence to suggest that Site soil or groundwater quality was adversely affected historical on-site or off-site industrial activities, or by historical heating USTs and abandoned oil water separator. Fill material encountered at the boring locations consisted of sand, crushed brick and concrete with no unusual coloration, odor or apparent substances that may cause it to contain elevated concentrations of heavy metals and/or SVOCs (i.e., ash, cinders, clinker). MECC recommends no further investigation in connection with the potential of historical on-site/off-site industrial activities, the closed in-place USTs, or the abandoned oil/water separator to adversely impact the environmental integrity of the Site.

Access to the interior of the Site building and the stockyard was largely limited by stored materials but MECC believes that the scope of work completed by this FSSI was adequate in addressing the concerns raised by the ESA report. One (1) of the closed in-place USTs was not located near any of the soil borings since it is located in the 30th Street sidewalk (a sidewalk opening permit issued by the City of New York

would have been necessary to drill at this UST area). However, based on the reported small size of this UST (550-gallons) and because it was reportedly properly closed in-place, MECC does not believe that it represents a material threat of adverse impact on the environmental integrity pf the Site.

Limitations of the FSSI

The scope of the FSSI is intended to aid in evaluating whether additional investigation would be prudent. The tasks that comprise this FSSI are not exhaustive or definitive. MECC has made no independent investigation of the accuracy of these secondary sources and has assumed them to be accurate and complete. MECC does not warrant the accuracy or completeness of information provided by secondary sources (MECC has no reason to believe that the secondary sources provided or acquired during this study contain intentionally false or misleading information). MECC does not warrant that all contamination that may exist under the Site has been discovered, that the Site is suitable for any particular purpose or that the Site is clean or free of liability.

If you have any questions concerning this document, please feel free to call our office.

Sincerely,

Charles G. Merritt
President/LEED AP

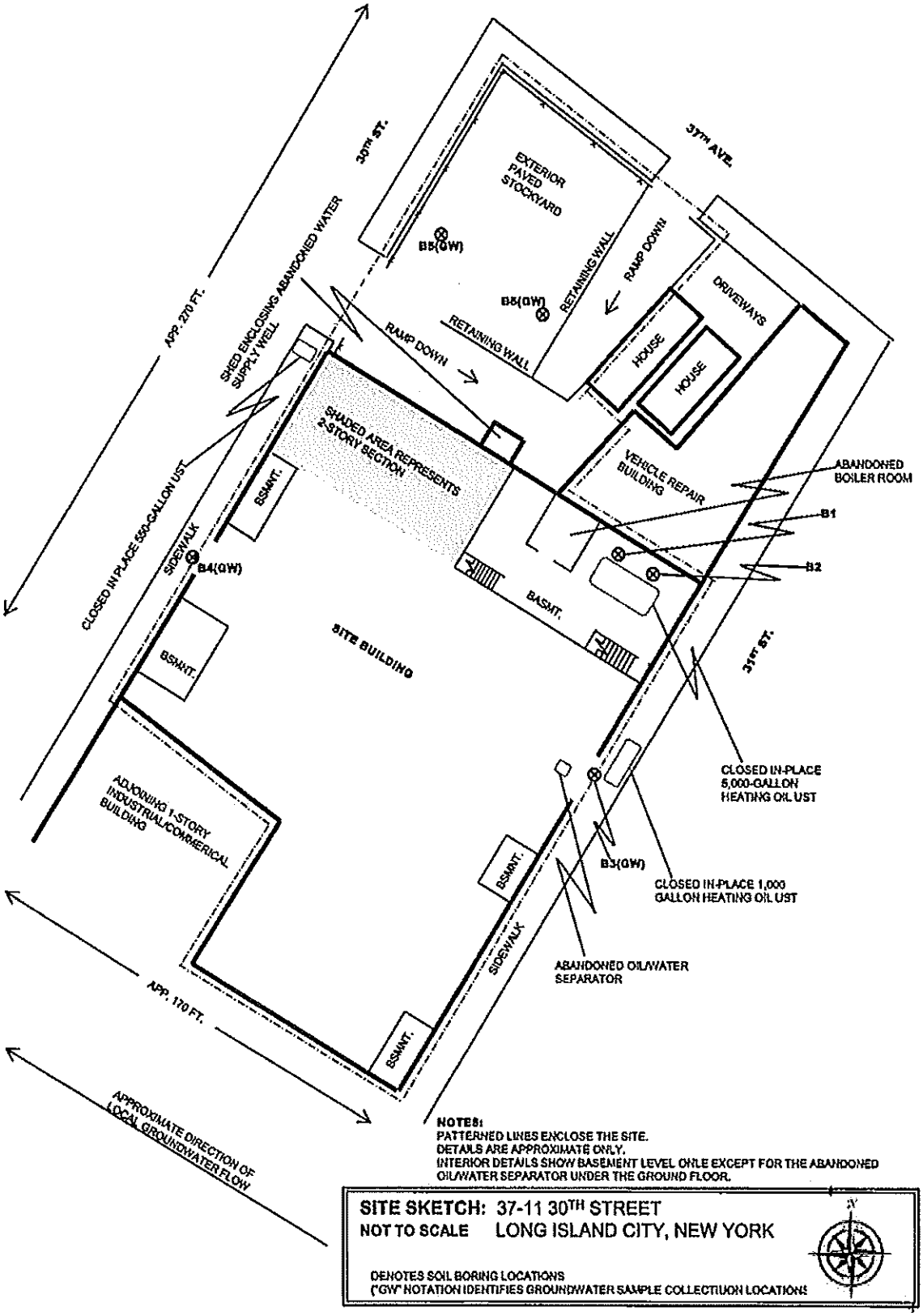
Frank Galdun
Project Geologist

Attachments:

Attachment 1: Site Location Map and Site Plan
Attachment 2: Laboratory Report of Analysis
Attachment 3: Site Photographs
Attachment 4: Soil Borings Logs (B3 through B6)

SITE

FIGURE 1: SITE LOCATION MAP Contour Interval: 10'	Site Address: 37-11 30th St. Long Island City, NY
USGS 7.5" Quadrangle Topographic Map obtained from the National Wetlands Inventory mapper database	



NOTES:
PATTERNED LINES ENCLOSE THE SITE.
DETAILS ARE APPROXIMATE ONLY.
INTERIOR DETAILS SHOW BASEMENT LEVEL ONLE EXCEPT FOR THE ABANDONED OIL/WATER SEPARATOR UNDER THE GROUND FLOOR.

SITE SKETCH: 37-11 30TH STREET
NOT TO SCALE LONG ISLAND CITY, NEW YORK

DENOTES SOIL BORING LOCATIONS
("GW" NOTATION IDENTIFIES GROUNDWATER SAMPLE COLLECTIUON LOCATIONS

HCV Report Of Analysis
DRAFT

Client: GFB LLC
Project: 37-11 30th St.

HCV Project #: 4062535

Sample ID: B1 5'-6'
Lab#: AC79404-001
Matrix: Soil

Collection Date: 6/25/2014
Receipt Date: 6/25/2014

% Solids SM2540G

Analyte	DF	Units	RL	DRAFT Result
% Solids	1	percent		94

PAH Compounds 8270

Analyte	DF	Units	RL	DRAFT Result
Acenaphthene	1	mg/kg	0.035	ND
Anthracene	1	mg/kg	0.035	ND
Benzo[a]anthracene	1	mg/kg	0.035	ND
Benzo[a]pyrene	1	mg/kg	0.035	ND
Benzo[b]fluoranthene	1	mg/kg	0.035	ND
Benzo[g,h,i]perylene	1	mg/kg	0.035	ND
Benzo[k]fluoranthene	1	mg/kg	0.035	ND
Chrysene	1	mg/kg	0.035	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.035	ND
Fluoranthene	1	mg/kg	0.035	ND
Fluorene	1	mg/kg	0.035	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.035	ND
Phenanthrene	1	mg/kg	0.035	ND
Pyrene	1	mg/kg	0.035	ND

PCB 8082

Analyte	DF	Units	RL	DRAFT Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	DRAFT Result
1,1,1-Trichloroethane	1	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0021	ND
1,1,2-Trichloroethane	1	mg/kg	0.0021	ND
1,1-Dichloroethane	1	mg/kg	0.0021	ND
1,1-Dichloroethene	1	mg/kg	0.0021	ND
1,2,3-Trichloropropane	1	mg/kg	0.0021	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0011	ND
1,2-Dichlorobenzene	1	mg/kg	0.0021	ND
1,2-Dichloroethane	1	mg/kg	0.0011	ND
1,2-Dichloropropane	1	mg/kg	0.0021	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0011	ND
1,3-Dichlorobenzene	1	mg/kg	0.0021	ND
1,3-Dichloropropane	1	mg/kg	0.0021	ND
1,4-Dichlorobenzene	1	mg/kg	0.0021	ND
1,4-Dioxane	1	mg/kg	0.11	ND
2-Butanone	1	mg/kg	0.0021	ND

Sample ID: B1 5'-6' | **Collection Date:** 6/25/2014
Lab#: AC79404-001 | **Receipt Date:** 6/25/2014
Matrix: Soil

2-Chloroethylvinylether	1	mg/kg	0.0021	ND
2-Hexanone	1	mg/kg	0.0021	ND
4-Isopropyltoluene	1	mg/kg	0.0011	ND
4-Methyl-2-pentanone	1	mg/kg	0.0021	ND
Acetone	1	mg/kg	0.011	ND
Benzene	1	mg/kg	0.0011	ND
Bromodichloromethane	1	mg/kg	0.0021	ND
Bromoform	1	mg/kg	0.0021	ND
Bromomethane	1	mg/kg	0.0021	ND
Carbon disulfide	1	mg/kg	0.0021	ND
Carbon tetrachloride	1	mg/kg	0.0021	ND
Chlorobenzene	1	mg/kg	0.0021	ND
Chloroethane	1	mg/kg	0.0021	ND
Chloroform	1	mg/kg	0.0021	ND
Chloromethane	1	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0021	ND
Dibromochloromethane	1	mg/kg	0.0021	ND
Dichlorodifluoromethane	1	mg/kg	0.0021	ND
Ethylbenzene	1	mg/kg	0.0011	ND
Isopropylbenzene	1	mg/kg	0.0011	ND
m&p-Xylenes	1	mg/kg	0.0011	ND
Methylene chloride	1	mg/kg	0.0021	0.0040
Methyl-t-butyl ether	1	mg/kg	0.0011	ND
n-Butylbenzene	1	mg/kg	0.0011	ND
n-Propylbenzene	1	mg/kg	0.0011	ND
o-Xylene	1	mg/kg	0.0011	ND
sec-Butylbenzene	1	mg/kg	0.0011	ND
Styrene	1	mg/kg	0.0021	ND
t-Butyl Alcohol	1	mg/kg	0.011	ND
t-Butylbenzene	1	mg/kg	0.0011	ND
Tetrachloroethene	1	mg/kg	0.0021	ND
Toluene	1	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0021	ND
Trichloroethene	1	mg/kg	0.0021	ND
Trichlorofluoromethane	1	mg/kg	0.0021	ND
Vinyl chloride	1	mg/kg	0.0021	ND
Xylenes (Total)	1	mg/kg	0.0011	ND

Sample ID: B2 6' | **Collection Date:** 6/25/2014
Lab#: AC79404-002 | **Receipt Date:** 6/25/2014
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	DRAFT Result
% Solids	1	percent		96

PAH Compounds 8270

Analyte	DF	Units	RL	DRAFT Result
Acenaphthene	1	mg/kg	0.035	ND
Anthracene	1	mg/kg	0.035	ND
Benzo[a]anthracene	1	mg/kg	0.035	ND
Benzo[a]pyrene	1	mg/kg	0.035	ND
Benzo[b]fluoranthene	1	mg/kg	0.035	ND
Benzo[g,h,i]perylene	1	mg/kg	0.035	ND
Benzo[k]fluoranthene	1	mg/kg	0.035	ND
Chrysene	1	mg/kg	0.035	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.035	ND
Fluoranthene	1	mg/kg	0.035	ND
Fluorene	1	mg/kg	0.035	ND

Sample ID:	**B2 6'**		**Collection Date:**	**6/25/2014**
Lab#:	**AC79404-002**		**Receipt Date:**	**6/25/2014**
Matrix:	**Soil**			

Indeno[1,2,3-cd]pyrene	1	mg/kg	0.035	ND
Phenanthrene	1	mg/kg	0.035	ND
Pyrene	1	mg/kg	0.035	0.040

PCB 8082 — DRAFT

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Volatile Organics (no search) 8260 — DRAFT

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0021	ND
1,1,2-Trichloroethane	1	mg/kg	0.0021	ND
1,1-Dichloroethane	1	mg/kg	0.0021	ND
1,1-Dichloroethene	1	mg/kg	0.0021	ND
1,2,3-Trichloropropane	1	mg/kg	0.0021	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0010	ND
1,2-Dichlorobenzene	1	mg/kg	0.0021	ND
1,2-Dichloroethane	1	mg/kg	0.0010	ND
1,2-Dichloropropane	1	mg/kg	0.0021	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0010	ND
1,3-Dichlorobenzene	1	mg/kg	0.0021	ND
1,3-Dichloropropane	1	mg/kg	0.0021	ND
1,4-Dichlorobenzene	1	mg/kg	0.0021	ND
1,4-Dioxane	1	mg/kg	0.10	ND
2-Butanone	1	mg/kg	0.0021	ND
2-Chloroethylvinylether	1	mg/kg	0.0021	ND
2-Hexanone	1	mg/kg	0.0021	ND
4-Isopropyltoluene	1	mg/kg	0.0010	ND
4-Methyl-2-pentanone	1	mg/kg	0.0021	ND
Acetone	1	mg/kg	0.010	ND
Benzene	1	mg/kg	0.0010	ND
Bromodichloromethane	1	mg/kg	0.0021	ND
Bromoform	1	mg/kg	0.0021	ND
Bromomethane	1	mg/kg	0.0021	ND
Carbon disulfide	1	mg/kg	0.0021	ND
Carbon tetrachloride	1	mg/kg	0.0021	ND
Chlorobenzene	1	mg/kg	0.0021	ND
Chloroethane	1	mg/kg	0.0021	ND
Chloroform	1	mg/kg	0.0021	ND
Chloromethane	1	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0021	ND
Dibromochloromethane	1	mg/kg	0.0021	ND
Dichlorodifluoromethane	1	mg/kg	0.0021	ND
Ethylbenzene	1	mg/kg	0.0010	ND
Isopropylbenzene	1	mg/kg	0.0010	ND
m&p-Xylenes	1	mg/kg	0.0010	ND
Methylene chloride	1	mg/kg	0.0021	ND
Methyl-t-butyl ether	1	mg/kg	0.0010	ND
n-Butylbenzene	1	mg/kg	0.0010	ND

Sample ID: B2 6' — **Collection Date: 6/25/2014**
Lab#: AC79404-002 — **Receipt Date: 6/25/2014**
Matrix: Soil

n-Propylbenzene	1	mg/kg	0.0010	ND
o-Xylene	1	mg/kg	0.0010	ND
sec-Butylbenzene	1	mg/kg	0.0010	ND
Styrene	1	mg/kg	0.0021	ND
t-Butyl Alcohol	1	mg/kg	0.010	ND
t-Butylbenzene	1	mg/kg	0.0010	ND
Tetrachloroethene	1	mg/kg	0.0021	ND
Toluene	1	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0021	ND
Trichloroethene	1	mg/kg	0.0021	ND
Trichlorofluoromethane	1	mg/kg	0.0021	ND
Vinyl chloride	1	mg/kg	0.0021	ND
Xylenes (Total)	1	mg/kg	0.0010	ND

Sample ID: B3 19'-20' — **Collection Date: 6/25/2014**
Lab#: AC79404-003 — **Receipt Date: 6/25/2014**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	DRAFT Result
% Solids	1	percent		94

PAH Compounds 8270

Analyte	DF	Units	RL	DRAFT Result
Acenaphthene	1	mg/kg	0.035	ND
Anthracene	1	mg/kg	0.035	ND
Benzo[a]anthracene	1	mg/kg	0.035	ND
Benzo[a]pyrene	1	mg/kg	0.035	ND
Benzo[b]fluoranthene	1	mg/kg	0.035	ND
Benzo[g,h,i]perylene	1	mg/kg	0.035	ND
Benzo[k]fluoranthene	1	mg/kg	0.035	ND
Chrysene	1	mg/kg	0.035	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.035	ND
Fluoranthene	1	mg/kg	0.035	ND
Fluorene	1	mg/kg	0.035	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.035	ND
Phenanthrene	1	mg/kg	0.035	ND
Pyrene	1	mg/kg	0.035	ND

PCB 8082

Analyte	DF	Units	RL	DRAFT Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND
Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Volatile Organics (no search) 8260

Analyte	DF	Units	RL	DRAFT Result
1,1,1-Trichloroethane	1	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0021	ND
1,1,2-Trichloroethane	1	mg/kg	0.0021	ND
1,1-Dichloroethane	1	mg/kg	0.0021	ND
1,1-Dichloroethene	1	mg/kg	0.0021	ND

Sample ID: B3 19'-20' | **Collection Date:** 6/25/2014
Lab#: AC79404-003 | **Receipt Date:** 6/25/2014
Matrix: Soil

1,2,3-Trichloropropane	1	mg/kg	0.0021	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0011	ND
1,2-Dichlorobenzene	1	mg/kg	0.0021	ND
1,2-Dichloroethane	1	mg/kg	0.0011	ND
1,2-Dichloropropane	1	mg/kg	0.0021	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0011	ND
1,3-Dichlorobenzene	1	mg/kg	0.0021	ND
1,3-Dichloropropane	1	mg/kg	0.0021	ND
1,4-Dichlorobenzene	1	mg/kg	0.0021	ND
1,4-Dioxane	1	mg/kg	0.11	ND
2-Butanone	1	mg/kg	0.0021	ND
2-Chloroethylvinylether	1	mg/kg	0.0021	ND
2-Hexanone	1	mg/kg	0.0021	ND
4-Isopropyltoluene	1	mg/kg	0.0011	ND
4-Methyl-2-pentanone	1	mg/kg	0.0021	ND
Acetone	1	mg/kg	0.011	ND
Benzene	1	mg/kg	0.0011	ND
Bromodichloromethane	1	mg/kg	0.0021	ND
Bromoform	1	mg/kg	0.0021	ND
Bromomethane	1	mg/kg	0.0021	ND
Carbon disulfide	1	mg/kg	0.0021	ND
Carbon tetrachloride	1	mg/kg	0.0021	ND
Chlorobenzene	1	mg/kg	0.0021	ND
Chloroethane	1	mg/kg	0.0021	ND
Chloroform	1	mg/kg	0.0021	ND
Chloromethane	1	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0021	ND
Dibromochloromethane	1	mg/kg	0.0021	ND
Dichlorodifluoromethane	1	mg/kg	0.0021	ND
Ethylbenzene	1	mg/kg	0.0011	ND
Isopropylbenzene	1	mg/kg	0.0011	ND
m&p-Xylenes	1	mg/kg	0.0011	ND
Methylene chloride	1	mg/kg	0.0021	ND
Methyl-t-butyl ether	1	mg/kg	0.0011	ND
n-Butylbenzene	1	mg/kg	0.0011	ND
n-Propylbenzene	1	mg/kg	0.0011	ND
o-Xylene	1	mg/kg	0.0011	ND
sec-Butylbenzene	1	mg/kg	0.0011	ND
Styrene	1	mg/kg	0.0021	ND
t-Butyl Alcohol	1	mg/kg	0.011	ND
t-Butylbenzene	1	mg/kg	0.0011	ND
Tetrachloroethene	1	mg/kg	0.0021	ND
Toluene	1	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0021	ND
Trichloroethene	1	mg/kg	0.0021	ND
Trichlorofluoromethane	1	mg/kg	0.0021	ND
Vinyl chloride	1	mg/kg	0.0021	ND
Xylenes (Total)	1	mg/kg	0.0011	ND

Sample ID: B5 4'-5' | **Collection Date:** 6/25/2014
Lab#: AC79404-004 | **Receipt Date:** 6/25/2014
Matrix: Soil

% Solids SM2540G — DRAFT

Analyte	DF	Units	RL	Result
% Solids	1	percent		96

PAH Compounds 8270 — DRAFT

Analyte	DF	Units	RL	Result

Sample ID: B5 4'-5'
Lab#: AC79404-004
Matrix: Soil

Collection Date: 6/25/2014
Receipt Date: 6/25/2014

Acenaphthene	1	mg/kg	0.035	ND
Anthracene	1	mg/kg	0.035	ND
Benzo[a]anthracene	1	mg/kg	0.035	ND
Benzo[a]pyrene	1	mg/kg	0.035	ND
Benzo[b]fluoranthene	1	mg/kg	0.035	ND
Benzo[g,h,i]perylene	1	mg/kg	0.035	ND
Benzo[k]fluoranthene	1	mg/kg	0.035	ND
Chrysene	1	mg/kg	0.035	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.035	ND
Fluoranthene	1	mg/kg	0.035	ND
Fluorene	1	mg/kg	0.035	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.035	ND
Phenanthrene	1	mg/kg	0.035	ND
Pyrene	1	mg/kg	0.035	ND

PCB 8082

DRAFT

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	mg/kg	0.026	ND
Aroclor-1016	1	mg/kg	0.026	ND
Aroclor-1221	1	mg/kg	0.026	ND
Aroclor-1232	1	mg/kg	0.026	ND
Aroclor-1242	1	mg/kg	0.026	ND
Aroclor-1248	1	mg/kg	0.026	ND
Aroclor-1254	1	mg/kg	0.026	ND
Aroclor-1260	1	mg/kg	0.026	ND
Aroclor-1262	1	mg/kg	0.026	ND
Aroclor-1268	1	mg/kg	0.026	ND

Volatile Organics (no search) 8260

DRAFT

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	0.988	mg/kg	0.0021	ND
1,1,2,2-Tetrachloroethane	0.988	mg/kg	0.0021	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	0.988	mg/kg	0.0021	ND
1,1,2-Trichloroethane	0.988	mg/kg	0.0021	ND
1,1-Dichloroethane	0.988	mg/kg	0.0021	ND
1,1-Dichloroethene	0.988	mg/kg	0.0021	ND
1,2,3-Trichloropropane	0.988	mg/kg	0.0021	ND
1,2,4-Trimethylbenzene	0.988	mg/kg	0.0010	ND
1,2-Dichlorobenzene	0.988	mg/kg	0.0021	ND
1,2-Dichloroethane	0.988	mg/kg	0.0010	ND
1,2-Dichloropropane	0.988	mg/kg	0.0021	ND
1,3,5-Trimethylbenzene	0.988	mg/kg	0.0010	ND
1,3-Dichlorobenzene	0.988	mg/kg	0.0021	ND
1,3-Dichloropropane	0.988	mg/kg	0.0021	ND
1,4-Dichlorobenzene	0.988	mg/kg	0.0021	ND
1,4-Dioxane	0.988	mg/kg	0.10	ND
2-Butanone	0.988	mg/kg	0.0021	ND
2-Chloroethylvinylether	0.988	mg/kg	0.0021	ND
2-Hexanone	0.988	mg/kg	0.0021	ND
4-Isopropyltoluene	0.988	mg/kg	0.0010	ND
4-Methyl-2-pentanone	0.988	mg/kg	0.0021	ND
Acetone	0.988	mg/kg	0.010	ND
Benzene	0.988	mg/kg	0.0010	ND
Bromodichloromethane	0.988	mg/kg	0.0021	ND
Bromoform	0.988	mg/kg	0.0021	ND
Bromomethane	0.988	mg/kg	0.0021	ND
Carbon disulfide	0.988	mg/kg	0.0021	ND
Carbon tetrachloride	0.988	mg/kg	0.0021	ND
Chlorobenzene	0.988	mg/kg	0.0021	ND
Chloroethane	0.988	mg/kg	0.0021	ND
Chloroform	0.988	mg/kg	0.0021	ND

Sample ID: B5 4'-5' | **Collection Date: 6/25/2014**
Lab#: AC79404-004 | **Receipt Date: 6/25/2014**
Matrix: Soil

Chloromethane	0.988	mg/kg	0.0021	ND
cis-1,2-Dichloroethene	0.988	mg/kg	0.0021	ND
cis-1,3-Dichloropropene	0.988	mg/kg	0.0021	ND
Dibromochloromethane	0.988	mg/kg	0.0021	ND
Dichlorodifluoromethane	0.988	mg/kg	0.0021	ND
Ethylbenzene	0.988	mg/kg	0.0010	ND
Isopropylbenzene	0.988	mg/kg	0.0010	ND
m&p-Xylenes	0.988	mg/kg	0.0010	ND
Methylene chloride	0.988	mg/kg	0.0021	ND
Methyl-t-butyl ether	0.988	mg/kg	0.0010	ND
n-Butylbenzene	0.988	mg/kg	0.0010	ND
n-Propylbenzene	0.988	mg/kg	0.0010	ND
o-Xylene	0.988	mg/kg	0.0010	ND
sec-Butylbenzene	0.988	mg/kg	0.0010	ND
Styrene	0.988	mg/kg	0.0021	ND
t-Butyl Alcohol	0.988	mg/kg	0.010	ND
t-Butylbenzene	0.988	mg/kg	0.0010	ND
Tetrachloroethene	0.988	mg/kg	0.0021	ND
Toluene	0.988	mg/kg	0.0010	ND
trans-1,2-Dichloroethene	0.988	mg/kg	0.0021	ND
trans-1,3-Dichloropropene	0.988	mg/kg	0.0021	ND
Trichloroethene	0.988	mg/kg	0.0021	ND
Trichlorofluoromethane	0.988	mg/kg	0.0021	ND
Vinyl chloride	0.988	mg/kg	0.0021	ND
Xylenes (Total)	0.988	mg/kg	0.0010	ND

Sample ID: B6 19'-20' | **Collection Date: 6/25/2014**
Lab#: AC79404-005 | **Receipt Date: 6/25/2014**
Matrix: Soil

% Solids SM2540G

Analyte	DF	Units	RL	DRAFT Result
% Solids	1	percent		93

PAH Compounds 8270

Analyte	DF	Units	RL	DRAFT Result
Acenaphthene	1	mg/kg	0.036	ND
Anthracene	1	mg/kg	0.036	ND
Benzo[a]anthracene	1	mg/kg	0.036	ND
Benzo[a]pyrene	1	mg/kg	0.036	ND
Benzo[b]fluoranthene	1	mg/kg	0.036	ND
Benzo[g,h,i]perylene	1	mg/kg	0.036	ND
Benzo[k]fluoranthene	1	mg/kg	0.036	ND
Chrysene	1	mg/kg	0.036	ND
Dibenzo[a,h]anthracene	1	mg/kg	0.036	ND
Fluoranthene	1	mg/kg	0.036	ND
Fluorene	1	mg/kg	0.036	ND
Indeno[1,2,3-cd]pyrene	1	mg/kg	0.036	ND
Phenanthrene	1	mg/kg	0.036	ND
Pyrene	1	mg/kg	0.036	ND

PCB 8082

Analyte	DF	Units	RL	DRAFT Result
Aroclor (Total)	1	mg/kg	0.027	ND
Aroclor-1016	1	mg/kg	0.027	ND
Aroclor-1221	1	mg/kg	0.027	ND
Aroclor-1232	1	mg/kg	0.027	ND
Aroclor-1242	1	mg/kg	0.027	ND
Aroclor-1248	1	mg/kg	0.027	ND
Aroclor-1254	1	mg/kg	0.027	ND
Aroclor-1260	1	mg/kg	0.027	ND

Sample ID: B6 19'-20'		Collection Date: 6/25/2014
Lab#: AC79404-005		Receipt Date: 6/25/2014
Matrix: Soil		

Aroclor-1262	1	mg/kg	0.027	ND
Aroclor-1268	1	mg/kg	0.027	ND

Volatile Organics (no search) 8260 — DRAFT

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	mg/kg	0.0022	ND
1,1,2,2-Tetrachloroethane	1	mg/kg	0.0022	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	mg/kg	0.0022	ND
1,1,2-Trichloroethane	1	mg/kg	0.0022	ND
1,1-Dichloroethane	1	mg/kg	0.0022	ND
1,1-Dichloroethene	1	mg/kg	0.0022	ND
1,2,3-Trichloropropane	1	mg/kg	0.0022	ND
1,2,4-Trimethylbenzene	1	mg/kg	0.0011	ND
1,2-Dichlorobenzene	1	mg/kg	0.0022	ND
1,2-Dichloroethane	1	mg/kg	0.0011	ND
1,2-Dichloropropane	1	mg/kg	0.0022	ND
1,3,5-Trimethylbenzene	1	mg/kg	0.0011	ND
1,3-Dichlorobenzene	1	mg/kg	0.0022	ND
1,3-Dichloropropane	1	mg/kg	0.0022	ND
1,4-Dichlorobenzene	1	mg/kg	0.0022	ND
1,4-Dioxane	1	mg/kg	0.11	ND
2-Butanone	1	mg/kg	0.0022	ND
2-Chloroethylvinylether	1	mg/kg	0.0022	ND
2-Hexanone	1	mg/kg	0.0022	ND
4-Isopropyltoluene	1	mg/kg	0.0011	ND
4-Methyl-2-pentanone	1	mg/kg	0.0022	ND
Acetone	1	mg/kg	0.011	ND
Benzene	1	mg/kg	0.0011	ND
Bromodichloromethane	1	mg/kg	0.0022	ND
Bromoform	1	mg/kg	0.0022	ND
Bromomethane	1	mg/kg	0.0022	ND
Carbon disulfide	1	mg/kg	0.0022	ND
Carbon tetrachloride	1	mg/kg	0.0022	ND
Chlorobenzene	1	mg/kg	0.0022	ND
Chloroethane	1	mg/kg	0.0022	ND
Chloroform	1	mg/kg	0.0022	ND
Chloromethane	1	mg/kg	0.0022	ND
cis-1,2-Dichloroethene	1	mg/kg	0.0022	ND
cis-1,3-Dichloropropene	1	mg/kg	0.0022	ND
Dibromochloromethane	1	mg/kg	0.0022	ND
Dichlorodifluoromethane	1	mg/kg	0.0022	ND
Ethylbenzene	1	mg/kg	0.0011	ND
Isopropylbenzene	1	mg/kg	0.0011	ND
m&p-Xylenes	1	mg/kg	0.0011	ND
Methylene chloride	1	mg/kg	0.0022	ND
Methyl-t-butyl ether	1	mg/kg	0.0011	ND
n-Butylbenzene	1	mg/kg	0.0011	ND
n-Propylbenzene	1	mg/kg	0.0011	ND
o-Xylene	1	mg/kg	0.0011	ND
sec-Butylbenzene	1	mg/kg	0.0011	ND
Styrene	1	mg/kg	0.0022	ND
t-Butyl Alcohol	1	mg/kg	0.011	ND
t-Butylbenzene	1	mg/kg	0.0011	ND
Tetrachloroethene	1	mg/kg	0.0022	ND
Toluene	1	mg/kg	0.0011	ND
trans-1,2-Dichloroethene	1	mg/kg	0.0022	ND
trans-1,3-Dichloropropene	1	mg/kg	0.0022	ND
Trichloroethene	1	mg/kg	0.0022	ND
Trichlorofluoromethane	1	mg/kg	0.0022	ND
Vinyl chloride	1	mg/kg	0.0022	ND
Xylenes (Total)	1	mg/kg	0.0011	ND

Sample ID: B3GW
Lab#: AC79404-008
Matrix: Aqueous

Collection Date: 6/25/2014
Receipt Date: 6/25/2014

PAH Compounds 8270

DRAFT

Analyte	DF	Units	RL	Result
Acenaphthene	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Phenanthrene	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

PCB 8082

DRAFT

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Volatile Organics (no search) 8260

DRAFT

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND

Sample ID: B3GW — **Collection Date: 6/25/2014**
Lab#: AC79404-006 — **Receipt Date: 6/25/2014**
Matrix: Aqueous

Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	20
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	3.6
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: B4GW — **Collection Date: 6/25/2014**
Lab#: AC79404-007 — **Receipt Date: 6/25/2014**
Matrix: Aqueous

PAH Compounds 8270

Analyte	DF	Units	RL	DRAFT Result
Acenaphthene	1	ug/l	2.2	ND
Anthracene	1	ug/l	2.2	ND
Benzo(a)anthracene	1	ug/l	2.2	ND
Benzo(a)pyrene	1	ug/l	2.2	ND
Benzo(b)fluoranthene	1	ug/l	2.2	ND
Benzo(g,h,i)perylene	1	ug/l	2.2	ND
Benzo(k)fluoranthene	1	ug/l	2.2	ND
Chrysene	1	ug/l	2.2	ND
Dibenzo(a,h)anthracene	1	ug/l	2.2	ND
Fluoranthene	1	ug/l	2.2	ND
Fluorene	1	ug/l	2.2	ND
Indeno(1,2,3-cd)pyrene	1	ug/l	2.2	ND
Phenanthrene	1	ug/l	2.2	ND
Pyrene	1	ug/l	2.2	ND

PCB 8082

Analyte	DF	Units	RL	DRAFT Result
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND

Sample ID: B4GW
Lab#: AC79404-007
Matrix: Aqueous

Collection Date: 6/25/2014
Receipt Date: 6/25/2014

Aroclor-1268	1	ug/l	0.25	ND

Volatile Organics (no search) 8260

DRAFT

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	2.2
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	6.2
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: B5GW
Lab#: AC79404-008
Matrix: Aqueous

Collection Date: 6/25/2014
Receipt Date: 6/25/2014

PAH Compounds 8270

DRAFT

Analyte	DF	Units	RL	Result
Acenaphthene	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Phenanthrene	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

PCB 8082

DRAFT

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND
Aroclor-1268	1	ug/l	0.25	ND

Volatile Organics (no search) 8260

DRAFT

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND

Sample ID: B5GW
Lab#: AC79404-008
Matrix: Aqueous
Collection Date: 6/25/2014
Receipt Date: 6/25/2014

Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	1.5
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

Sample ID: B6GW
Lab#: AC79404-009
Matrix: Aqueous
Collection Date: 6/25/2014
Receipt Date: 6/25/2014

PAH Compounds 8270 — DRAFT

Analyte	DF	Units	RL	Result
Acenaphthene	1	ug/l	2.0	ND
Anthracene	1	ug/l	2.0	ND
Benzo[a]anthracene	1	ug/l	2.0	ND
Benzo[a]pyrene	1	ug/l	2.0	ND
Benzo[b]fluoranthene	1	ug/l	2.0	ND
Benzo[g,h,i]perylene	1	ug/l	2.0	ND
Benzo[k]fluoranthene	1	ug/l	2.0	ND
Chrysene	1	ug/l	2.0	ND
Dibenzo[a,h]anthracene	1	ug/l	2.0	ND
Fluoranthene	1	ug/l	2.0	ND
Fluorene	1	ug/l	2.0	ND
Indeno[1,2,3-cd]pyrene	1	ug/l	2.0	ND
Phenanthrene	1	ug/l	2.0	ND
Pyrene	1	ug/l	2.0	ND

PCB 8082 — DRAFT

Analyte	DF	Units	RL	Result
Aroclor (Total)	1	ug/l	0.25	ND
Aroclor-1016	1	ug/l	0.25	ND
Aroclor-1221	1	ug/l	0.25	ND
Aroclor-1232	1	ug/l	0.25	ND
Aroclor-1242	1	ug/l	0.25	ND
Aroclor-1248	1	ug/l	0.25	ND
Aroclor-1254	1	ug/l	0.25	ND
Aroclor-1260	1	ug/l	0.25	ND
Aroclor-1262	1	ug/l	0.25	ND

Sample ID:	**B6GW**		**Collection Date:**	**6/25/2014**
Lab#:	**AC79404-009**		**Receipt Date:**	**6/25/2014**
Matrix:	**Aqueous**			

Aroclor-1268	1	ug/l	0.25	ND

Volatile Organics (no search) 8260 **DRAFT**

Analyte	DF	Units	RL	Result
1,1,1-Trichloroethane	1	ug/l	1.0	ND
1,1,2,2-Tetrachloroethane	1	ug/l	1.0	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	1	ug/l	1.0	ND
1,1,2-Trichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethane	1	ug/l	1.0	ND
1,1-Dichloroethene	1	ug/l	1.0	ND
1,2,3-Trichloropropane	1	ug/l	1.0	ND
1,2,4-Trimethylbenzene	1	ug/l	1.0	ND
1,2-Dichlorobenzene	1	ug/l	1.0	ND
1,2-Dichloroethane	1	ug/l	0.50	ND
1,2-Dichloropropane	1	ug/l	1.0	ND
1,3,5-Trimethylbenzene	1	ug/l	1.0	ND
1,3-Dichlorobenzene	1	ug/l	1.0	ND
1,3-Dichloropropane	1	ug/l	1.0	ND
1,4-Dichlorobenzene	1	ug/l	1.0	ND
1,4-Dioxane	1	ug/l	50	ND
2-Butanone	1	ug/l	1.0	ND
2-Chloroethylvinylether	1	ug/l	1.0	ND
2-Hexanone	1	ug/l	1.0	ND
4-Isopropyltoluene	1	ug/l	1.0	ND
4-Methyl-2-pentanone	1	ug/l	1.0	ND
Acetone	1	ug/l	10	ND
Benzene	1	ug/l	0.50	ND
Bromodichloromethane	1	ug/l	1.0	ND
Bromoform	1	ug/l	1.0	ND
Bromomethane	1	ug/l	1.0	ND
Carbon disulfide	1	ug/l	1.0	ND
Carbon tetrachloride	1	ug/l	1.0	ND
Chlorobenzene	1	ug/l	1.0	ND
Chloroethane	1	ug/l	1.0	ND
Chloroform	1	ug/l	1.0	ND
Chloromethane	1	ug/l	1.0	ND
cis-1,2-Dichloroethene	1	ug/l	1.0	ND
cis-1,3-Dichloropropene	1	ug/l	1.0	ND
Dibromochloromethane	1	ug/l	1.0	ND
Dichlorodifluoromethane	1	ug/l	1.0	ND
Ethylbenzene	1	ug/l	1.0	ND
Isopropylbenzene	1	ug/l	1.0	ND
m&p-Xylenes	1	ug/l	1.0	ND
Methylene chloride	1	ug/l	1.0	ND
Methyl-t-butyl ether	1	ug/l	0.50	ND
n-Butylbenzene	1	ug/l	1.0	ND
n-Propylbenzene	1	ug/l	1.0	ND
o-Xylene	1	ug/l	1.0	ND
sec-Butylbenzene	1	ug/l	1.0	ND
Styrene	1	ug/l	1.0	ND
t-Butyl Alcohol	1	ug/l	5.0	ND
t-Butylbenzene	1	ug/l	1.0	ND
Tetrachloroethene	1	ug/l	1.0	ND
Toluene	1	ug/l	1.0	ND
trans-1,2-Dichloroethene	1	ug/l	1.0	ND
trans-1,3-Dichloropropene	1	ug/l	1.0	ND
Trichloroethene	1	ug/l	1.0	ND
Trichlorofluoromethane	1	ug/l	1.0	ND
Vinyl chloride	1	ug/l	1.0	ND
Xylenes (Total)	1	ug/l	1.0	ND

HamptonClarke-Veritech Laboratories

175 Route 46 West and 2 Madison Road, Fairfield, New Jersey 07004
Ph: 800-426-9992 | 973-244-9770 Fax: 973-244-9787 | 973-439-1458
Service Center: 137-D Gaither Drive, Mount Laurel, New Jersey 08054
Ph (Service Center): 856-780-6057 Fax: 856-780-6058

HC-V HamptonClarke-Veritech Laboratories — A Woman-Owned, Disadvantaged, Small Business Enterprise

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 4062535 — Page 1 of 1

NELAC/NJ #07071 | PA #68-00463 | NY #11408 | CT #PH-0671 | KY #90124

Customer Information

1a) Customer: GFE
Address: 58 Nokomis Ave, Hiawatha NJ 07034
1b) Email/Cell/Fax/Ph: frank@gfeoptonline.net
1c) Send Invoice to:
1d) Send Report to: Frank Gaudin

Project Information

2a) Project: 37-11 30th St, Long Island City, NY
2b) Project Mgr: F. Gaudin
2c) Project Location (City/State):
2d) Quote/PO # (If Applicable):

3) Reporting Requirements (Please Circle)

Turnaround	Report Type	Electronic Deliv.
24 Hours (100%)	Data Summary (circled)	Hazsite/CSV
48 Hours (75%)	Waste	EQuIS 4-File / EZ / NYS
72 Hours (50%)	Red - NJ / NY / PA	EQuIS EPA Region 2 or 5
4 Days (35%: TPH)	CLP	Excel - NJ Regulatory
1 Week (25%: EPH)	Full / Category B	Excel - NY Regulatory
10 Days (10%)	Category A	Excel - PA Regulatory
2 Weeks	Other:	PDF (circled)
Other: 5 Day		Other:

Expedited TAT Not Always Available. Please Check with Lab.

FOR LAB USE ONLY — Batch #: AC79404

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Waste Water, S - Soil, SL - Sludge, OL - Oil, A - Air, OT - Other (please specify under item 9, Comments)

7) Analysis Request: EPA 8260 PART 375 CP-51; EPA 8270 CP-51 ONLY; PCBs

Lab Sample #	4) Customer Sample ID	5) Matrix	6) Sample Date	Time	Composite (C)	Grab (G)	EPA 8260 PART 375 CP-51	EPA 8270 CP-51 ONLY	PCBs	None	MeOH	En Core	NaOH	HCl	H2SO4	HNO3	Other	9) Comments
-001	B1 5'-6'	Soil	6/24/14	9:00		✓	✓	✓	✓	2								
-002	B2 6'			9:30						2								
-003	B3 19'-20'			1:50						2								
-004	B5 4'-5'			1:00						2								
-005	B6 19'-20'			2:00						2								
-006	B3GW	GW		10:00						2				2				
-007	B4GW			10:25						2				2				
-008	B5GW			2:00						2				2				
-009	B6GW			3:00						2				2				

10) Relinquished by:	Accepted by:	Date	Time
[signature]	[signature]	6/25/14	17:35

Comments, Notes, Special Requirements, HAZARDS

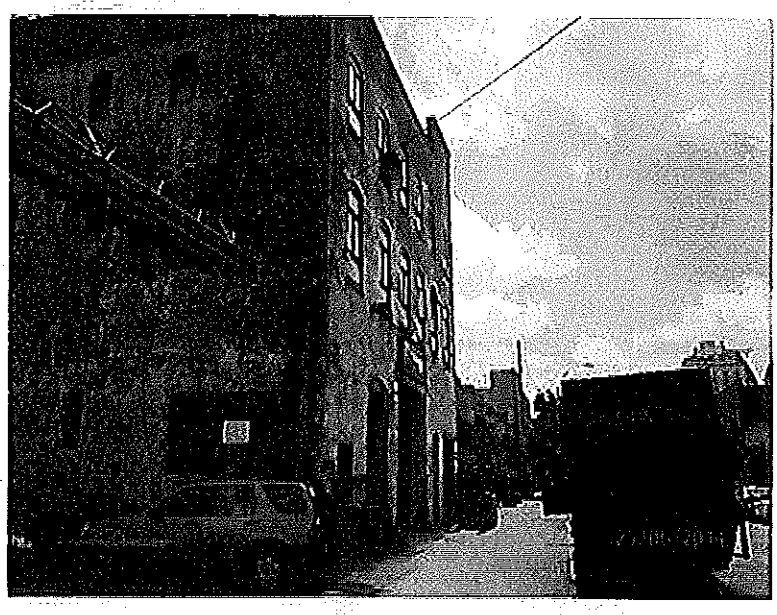
Note: Check if low-level groundwater methods required to meet current standards in NJ or PA:
- BN or BNA (8270C SIM)
- VOC (8260B SIM or 8011)
- Metals (ICP-MS 200.8 or 6020)
- Metals-Soil (ICP-MS 6020 for Be & Ag)

Note: Check if applicable:
- Project-Specific Reporting Limits
- High Contaminant Concentrations
- NJ LSRP Project

Cooler Temperature: 2.8°C

11) Sampler (print name): Frank Gaudin Date: 6/25/14

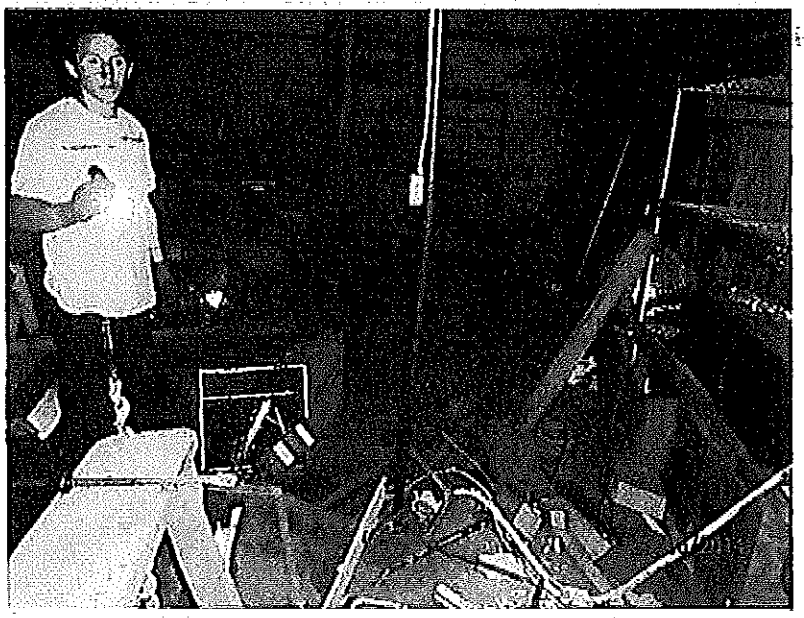
Please note NUMBERED items. If not completed your analytical work may be delayed.
A fee of $5/sample will be assessed for storage should sample not be activated for any ...



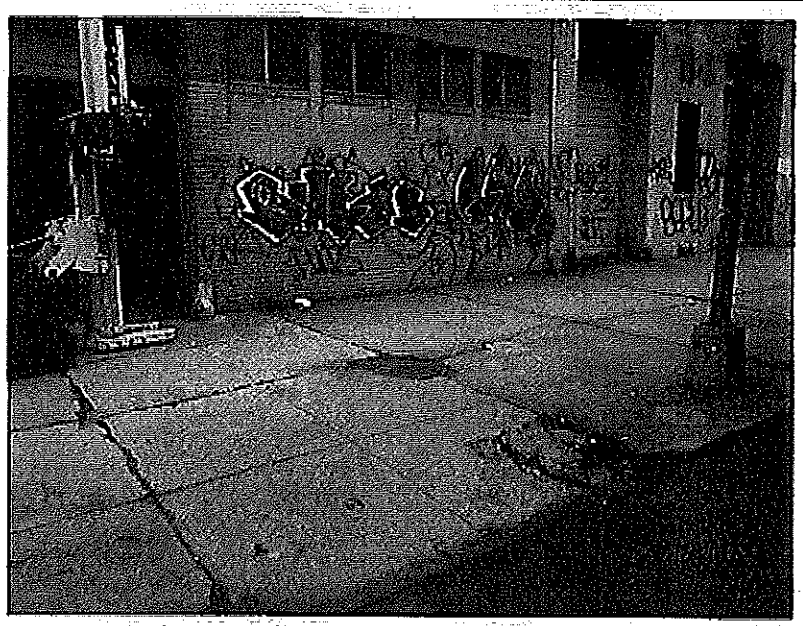
Photograph 1: Three-story section of the Site building with the single-story section visible at background. Entrance to the exterior stockyard from 30th Street is visible at left-foreground. Photographer facing south at 30th Street.

Photograph 2: East Site building section facing 31st Street. Concrete-plugged hole at lower foreground possibly represents sealed fill line to a closed in-place 2,000-gallon heating oil UST. Vent pipe for the closed in-place 5,000-gallon heating oil UST is visible at far background. Photographer facing north.

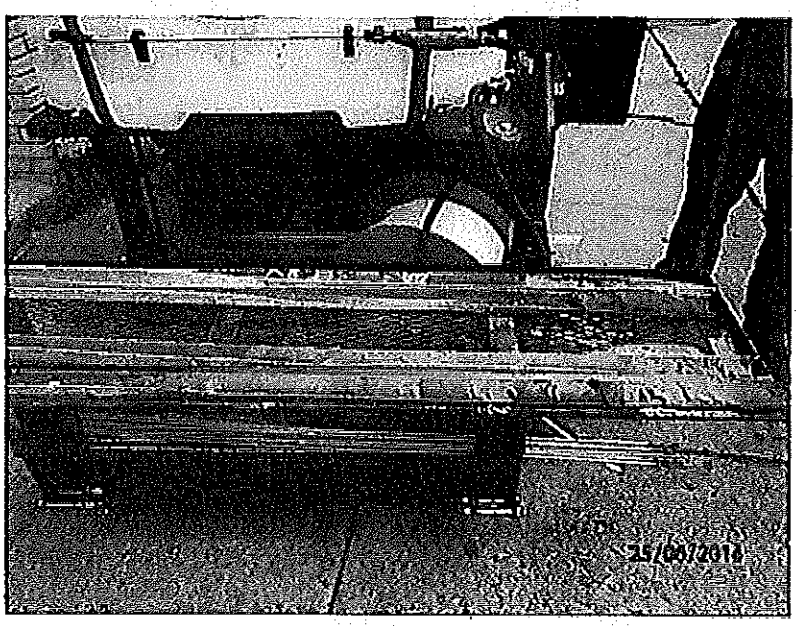
Photograph 3: Exterior stockyard looking east-northeast from 30th Street. Red house at background is an off-site structure.



Photograph 4: Area of the partial basement containing the closed in-place 5,000-gallon heating oil UST.



Photograph 5: Installation of B3 near the closed in-place 2,000-gallon heating oil UST and inyterior abandoned oil/water separator. Photographer facing west from 31st Street.



Photograph 6: Typical sedlemnt type and condition encountered in B3 through B6.

MERRITT ENVIRONMENTAL CONSULTING CORP. 77 Arkay Dr., Suite D Hauppauge, NY 11788 631.617.3200		Boring No. **B3**
	Project Number: 20030021	Boring location: see site plan
Driller: LEA Geologist: Frank Galdun	Location: 37-11 30th Street Long Island City, NY	
Groundwater Observations: 27'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 6/25/14 Date Complete : 6/25/14 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6" 0-6	6-12	12-18	density moisture	PID	Field identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0 0.0	30% recovery. Brown coarse sand, no odor.
5'-10'						Dry	0.0 0.0	10% recovery. Brown coarse sand. No odor.
10'-15'						Dry	0.0 0.0	70% recovery. Medium-fine light brown well-sorted sand. Dry, no odor.
15'-20'						Dry	0.0 0.0	75% recovery Medium-fine light brown well-sorted sand with minor clay/silt lens at 15.5'. Dry, no odor.
								End of soil sampling 20 ft. Boring extended directly to 32 feet for groundwater sampling. 10 ft. screen with riser installed

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. 77 Arkay Dr., Suite D Hauppauge, NY 11788 631.617.3200		Boring No. **B4**
	Project Number: 20030021	Boring location: see site plan
Driller: LEA Geologist: Frank Galdun	Location: 37-11 30th Street Long Island City, NY	
Groundwater Observations: 27'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 6/25/14 Date Complete : 6/25/14 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6" 0-6	Blows per 6" 6-12	Blows per 6" 12-18	density moisture	PID	Field Identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0 0.0	60% recovery. Brown coarse sand and clay, no odor.
5'-10'						Dry	0.0 0.0	70% recovery. Brown coarse sand with silt/clay lens at 9.5'-10'. No odor.
10'-15'						Dry	0.0 0.0	70% recovery. Fine light brown well-sorted sand. Dry, no odor.
15'-20'						Dry	0.0 0.0	70% recovery Fine light brown well-sorted sand. Dry, no odor.
								End of soil sampling 20 ft. Boring extended directly to 32 feet for groundwater sampling. 10 ft. screen with riser installed

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. 77 Arkay Dr., Suite D Hauppauge, NY 11788 631.617.3200		Boring No. **B5**
	Project Number: 20030021	Boring location: see site plan
Driller: LEA Geologist: Frank Galdun	Location: 37-11 30th Street Long Island City, NY	
Groundwater Observations: 27'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 6/25/14 Date Complete : 6/25/14 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6" 0-6	Blows per 6" 6-12	Blows per 6" 12-18	density moisture	PID	Field identification of soil Remarks
0'-5'	N/A	N/A	N/A	N/A	N/A	Dry	0.0 0.0	50% recovery. Sand/clay fill, no odor.
5'-10'						Dry	0.0 0.0	30% recovery. Brown coarse sand. No odor.
10'-15'						Dry	0.0 0.0	40% recovery. Medium-fine light brown well-sorted sand. Dry, no odor.
15'-20'						Dry	0.0 0.0	40% recovery Medium-fine light brown well-sorted sand. Dry, no odor.
								End of soil sampling 20 ft. Boring extended directly to 32 feet for groundwater sampling. 10 ft. screen with riser installed

ground surface to _____ft. used_____ casing then_____casing to _____ft

A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger

Trace: 0-10% Little: 10-20% some: 20-10%

C= coarse M=medium F=fine

MERRITT ENVIRONMENTAL CONSULTING CORP. 77 Arkay Dr., Suite D Hauppauge, NY 11788 631.617.3200		Boring No. **B6**
	Project Number: 20030021	Boring location: see site plan
Driller: LEA Geologist: Frank Galdun	Location: 37-11 30th Street Long Island City, NY	
Groundwater Observations: 27'	Geoprobe with 5-foot casing sampler Type: Track-mounted Size I.D. 2" Hammer wt. N/A Hammer Fall: N/A	Date Start : 6/25/14 Date Complete : 6/25/14 Surface Elev. : N/A Groundwater Elev.: N/A

Depth feet	Sample #	Sample Type	Blows per 6" 0-6	Blows per 6" 6-12	Blows per 6" 12-18	density moisture	PID	Field identification of soil Remarks
	N/A	N/A	N/A	N/A	N/A			
0'-5'						Dry	0.0 0.0	15% recovery. Brown coarse sand fill with concrete fragments and minor crushed brick, no odor.
5'-10'						Dry	0.0 0.0	10% recovery. Brown coarse sand. No odor.
10'-15'						Dry	0.0 0.0	60% recovery. Medium-fine light brown well-sorted sand. Dry, no odor.
15'-20'						Dry	0.0 0.0	70% recovery Medium-fine light brown well-sorted sand. Dry, no odor.
								End of soil sampling 20 ft. Boring extended directly to 32 feet for groundwater sampling. 10 ft. screen with riser installed

ground surface to _____ft. used_____ casing then_____casing to _____ft
A= auger ss: split spoon sampler mc: macrocore HSA: hollow stem auger HA: Hand Auger
Trace: 0-10% Little: 10-20% some: 20-10%
C= coarse M=medium F=fine