White Plains Mall

200 HAMILTON AVENUE, WHITE PLAINS, NEW YORK

Subsurface (Phase II) Investigation

AKRF Project Number: 170029

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1.0 INTRODUCTION

AKRF, Inc. (AKRF) was retained by SWD II, LLC to perform a Subsurface (Phase II) Investigation at the property located at 200 Hamilton Avenue in the City of White Plains, Westchester County, New York (the "Property" or the "Site"). The 3.86-acre Property, as shown on Figure 1, is also identified as Tax Map ID Section 125.67, Block 5, Lot 1 and is bounded by Barker Avenue to the north followed by offices, a hotel, and commercial development; Cottage Place to the east followed by a Gulf service station and commercial buildings; Hamilton Avenue to the south followed by commercial and government buildings; and Dr. Martin Luther King Jr. Boulevard to the west followed by commercial development. At the time of the investigation, the Property consisted of the two-story White Plains Mall and associated asphalt-paved parking lot. The field work associated with the Phase II investigation was completed between August 8 and 10, 2017.

The objectives of the Phase II investigation were to further assess the Recognized Environmental Conditions (RECs) and other environmental concerns identified during AKRF's Phase I Environmental Site Assessment (ESA) of the Property, as documented in the Phase I ESA report dated May 2017. The scope of this Phase II investigation included a soil boring program to characterize soil, soil vapor, and groundwater in the area of RECs and areas that would be disturbed during the proposed future redevelopment activities at the Property.

The Phase II scope included the advancement of nine soil borings, installation of two temporary wells, installation of five sub-slab/soil vapor points, and the collection of soil, soil vapor, and groundwater samples for field-screening and laboratory analysis. In addition, six existing groundwater monitoring wells, previously installed at the Site by others, were sampled for laboratory analysis. This report describes the methods and results of the Phase II investigation conducted by AKRF. The locations of the soil borings, soil vapor points, and temporary and permanent monitoring wells are depicted on Figure 2. A photographic log documenting the field activities is provided as Appendix A.

2.0 SITE DESCRIPTION

The Property consists of a two-story shopping mall and an east-adjacent asphalt-paved parking lot. Additional parking is available on the building roof, accessed by a ramp on the northern side of the building. Based on a May 4, 2017 topographic survey prepared by Insite Engineering & Landscape Architects, P.C., the topography surrounding the Property slopes downward to the west from approximately 200 feet along Cottage Place to approximately 190 feet along Martin Luther King Jr. Boulevard. Due to this change in elevation, the upper floor of the mall is at street level on the eastern side of the building, and the lower level is at street level on the western side. A retaining wall is present along the southwestern end of the parking lot, where the Hamilton Avenue sidewalk is situated approximately 6 to 8 feet lower than the parking lot. The soil sampling depths and depths to groundwater referenced in this report are reported relative to existing ground surface at the corresponding boring/well locations.

Based on the topography of the area, groundwater is anticipated to flow to the west or southwest, trending with the topography of the Property. However, actual groundwater flow at the Property can be affected by many factors including past filling activities, bedrock configuration, underground utilities, and other subsurface openings or obstructions such as basements, and other factors beyond the scope of this study.

3.0 PREVIOUS INVESTIGATIONS

Subsurface Exploration and Geotechnical Engineering Report, White Plains Mall, White Plains, New York; prepared by GZA GeoEnvironmental of New York, prepare for Exclusive Management, LLC - November 20, 2015.

GZA GeoEnvironmental of New York (GZA) conducted a geotechnical investigation at the Property to develop preliminary engineering recommendations for potential site redevelopment. The investigation included the advancement of four soil borings around the Site perimeter to termination depths between 25 and 26 feet below ground surface (bgs), installation of an observation well at each boring, and collection of water level measurements from the wells. Based on logging of soil samples from the borings, GZA identified a fill layer present to depths of 6 to 8 feet bgs, consisting of sand with gravel, silt, and occasional construction debris (brick, crushed stone fragments). The fill layer was underlain by clay, silt, and sand. Groundwater was encountered in the observation wells at varying depths generally between approximately 10 and 18 feet bgs. The observation wells installed by GZA were sampled during this Phase II investigation, and were designated as GT-1 through GT-4, as shown on Figure 2.

Phase I Environmental Site Assessment (ESA), 200 Hamilton Avenue, AKRF, Inc. – May 2017

AKRF conducted a Phase I ESA that was detailed in a May 2017 report. The objective of the Phase I ESA was to evaluate the Site for RECs and environmental concerns resulting from past or current uses of the Site and neighboring properties. Based on the findings from the site reconnaissance and historic records review, the following conclusions were presented:

On-Site Recognized Environmental Conditions

- Based on review of historic records, two gasoline service stations were located on the Property prior to construction of the White Plains Mall. Historic Sanborn (fire insurance) maps depicted a gasoline station with three gas tanks on the 1930 through 1950 maps on the corner of Hamilton Avenue and William Street (230 Hamilton Avenue), and a second gasoline station with greasing operations and four gasoline tanks on the corner of Hamilton Avenue and Cottage Place (250 Hamilton Avenue). These gasoline stations may have been present until construction of the current building in approximately 1970. Over 20 private dwellings were shown within the current building footprint on historic Sanborn maps from 1894 to 1950. Potential abandoned underground storage tanks (USTs) and/or associated petroleum contamination may be present in the Property subsurface associated with the gasoline service stations and/or heating oil for the former dwellings.
- The Property was identified in the EDR Historic Cleaners database from 2004 to 2011 and potential dry cleaners ("Mall Cleaners" and "White Plains Mall Cleaners") were listed in the City Directories at 200 Hamilton Avenue in 1992, 1995, 1999, and 2008. The Property was not listed on the Resource Conservation and Recovery Act (RCRA) generator report or any other database. Operations at any on-site dry cleaning operations may have affected the subsurface at the Property.

Off-Site Recognized Environmental Conditions

- The regulatory database, historic city directories, site reconnaissance, and Sanborn maps identified an east-adjacent operating gasoline filling station with an open NYSDEC Spill (Spill No. 97-07887), also listed on the petroleum bulk storage (PBS), RCRA, and Historic Auto databases.
- The regulatory database and Sanborn maps identified facilities in the surrounding area with some potential to have affected the Property subsurface, including: RCRA generators, Spills, PBS facilities, an NYSDEC Brownfield Cleanup (BCP) site and a NYSDEC Voluntary Cleanup Site (VCP) site.

In addition to the on-site and off-site REC's described above, the Phase I assessment identified on-site environmental concerns for consideration ahead of future redevelopment work, including: the presence of a historic fill layer identified during a previous geotechnical investigation; the presence of electric and hydraulic equipment that may contain polychlorinated biphenyl (PCB)- or mercury-containing components or oils; and suspect asbestos-containing materials (ACM) and lead-based paint associated with the on-site structure.

Preliminary Geotechnical Engineering Report, 200 Hamilton Avenue, AKRF, Inc. – August 27, 2017

AKRF completed a preliminary geotechnical investigation in the parking lot in the eastern portion of the Property to evaluate subsurface conditions for the proposed redevelopment work. This geotechnical investigation was conducted concurrently with AKRF's Phase II investigation. The geotechnical investigation included the advancement of four soil borings to depths between 24 and 55 feet below existing surface grade, including rock coring to confirm the presence of bedrock. Results of the investigation indicated that the Property is underlain by a layer of uncontrolled fill consisting mainly of brown fine to coarse sand and gravel with varying amounts of silt and other miscellaneous fill including wood and asphalt fragments. A layer of brown, fine to coarse sand with varying amounts of silt and gravel was encountered below the uncontrolled fill material in all borings. Bedrock was encountered beneath the sand at depths ranging from approximately 13 feet below existing grade in B-1 located in the northeastern portion of the site to approximately 37 feet below existing grade in B-3, located in the central portion of the parking lot. The AKRF geotechnical engineer gauged groundwater levels in the previously installed GZA monitoring wells and in the AKRF temporary wells. Depth to groundwater measurements ranging from 9.9 feet bgs at B-03 (GT-3), located at the lower elevation area along Martin Luther King Boulevard, to 23 feet bgs at TW-1, located in the higher elevation area in the asphalt-paved parking lot, were reported.

4.0 FIELD ACTIVITIES

4.1 Geophysical Survey and Utility Mark-Outs

On August 8, 2017, a geophysical survey was conducted across accessible indoor and outdoor areas of the Site, to the extent feasible, to clear the proposed soil boring locations for subsurface utilities and/or structures, and to search for potential buried storage tanks. The geophysical survey included electromagnetic (EM), radio-detection (RD), and ground penetrating radar (GPR) methods. The Geophysical Investigation Report is attached as Appendix B.

In addition to the geophysical survey, Craig Drilling Companies, Inc. (Craig), the drilling contractor, notified Dig Safely New York at least 3 days prior to the start of the intrusive investigation work.

4.2 Soil Sampling

A total of nine soil borings (SB-1 through SB-9) were advanced at the Property between August 8 and 9, 2017 by Craig at the locations shown on Figure 2. The eight exterior soil borings were advanced with a track-mounted Geoprobe® direct push probe (DPP) unit while the one interior soil boring (SB-7) was advanced with a hand auger after coring through the floor slab. The soil borings were advanced to depths ranging from 12 to 25 feet bgs. The locations of the soil borings are summarized in the following table:

Soil Boring Locations

Soil Boring	Location
SB-1	Northeast corner of property
SB-2	Center of parking lot
SB-3	Southeast corner of property, within footprint of former a gas station
SB-4	Southwest corner of parking lot, within footprint of a former gas station
SB-5	South-center of property, in Hamilton Avenue sidewalk, within footprint of a former gas station
SB-6	Southwest corner of property
SB-7	Center of mall building (interior)
SB-8	Northwest corner of property
SB-9	North-center of property, in Barker Avenue sidewalk

Continuous soil samples were collected from soil borings SB-1 through SB-6, SB-8, and SB-9 using 5-foot long, 2-inch diameter, macrocore piston rod samplers fitted with acetate liners. Soil samples from SB-7 were obtained utilizing manual hand auger equipment. Each macrocore sample was split lengthwise and all samples were logged by AKRF field personnel. Logging consisted of: describing the soil according to the modified Burmister Classification System; describing any evidence of contamination (e.g., staining, sheens, odors); and field screening the soil for organic vapors using a photoionization detector (PID) in 1-foot intervals. Soil boring logs are provided in Appendix C. The PID was calibrated each day prior to on-site use using isobutylene gas in accordance with the manufacturer's instructions. Based on the field screening results, two soil samples from each boring were selected for laboratory analysis as follows:

Soil Sample Depths

Soil Boring	Sample Depths (feet bgs)
SB-1	2-4
	9-11
SB-2	1-3
	16-18
SB-3	1- 3
	17-19
SB-4	1-3
	21-23
SB-5	2-4
	10-12
SB-6	2-4
	9-11
SB-7	1-3
	8-10
SB-8	2-4
	9-11
SB-9	1-3
	8-10

Note: bgs – below ground surface

Samples selected for laboratory analysis were placed in laboratory-supplied containers and a chilled cooler in accordance with EPA protocols and transported via courier with appropriate chain of custody (COC) documentation to Test America Inc., a New York State Department of

Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory, in Edison, New Jersey. The soil samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260, semi-volatile organic compounds (SVOCs) by EPA Method 8270, PCBs by EPA Method 8082, and Target Analyte List (TAL) metals.

4.3 Groundwater Sampling

Two temporary wells (TW-1 and TW-4) were installed in soil borings SB-4 and SB-7, respectively, for the collection of groundwater samples for laboratory analysis. The temporary wells were installed by extending the corresponding soil boring to approximately 2 to 5 feet below the observed water table, and setting 1-inch diameter PVC well screens at the bottom of the boring. In addition to the temporary wells, six existing groundwater monitoring wells (GT-1 through GT-4, GW-3, and GW-4) that were previously installed at the Site by others, were sampled for laboratory analysis. The locations of the groundwater monitoring wells that were sampled are shown on Figure 2.

Prior to sampling, the depth to water and total well depth were recorded and logged at each monitoring well location, and at least three well volumes were purged from each well. Groundwater samples were collected in laboratory-supplied glassware and placed in a chilled cooler in accordance with EPA protocols. The samples were transported via courier with appropriate COC documentation to Test America Inc. The groundwater samples were analyzed for VOCs by EPA Method 8260 and SVOCs by EPA Method 8270.

Purge water generated during well sampling was containerized in a labeled 55-gallon drum and staged on-site in the loading dock area to await off-site disposal.

4.4 Sub-Slab/Soil Vapor Sampling

Five sub-slab/soil vapor points (SV-1 through SV-5) were installed within the footprint of the proposed redevelopment area to facilitate the collection of vapor samples for laboratory analysis. The sub-slab/soil vapor sample locations, as shown on Figure 2, were established to provide coverage for the future occupied spaces in the redevelopment area and included two exterior locations in the current parking lot (SV-1 and SV-2) and three interior locations inside the current building (SV-3 through SV-5).

The exterior soil vapor sampling points (SV-1 and SV-2) were installed using the track-mounted Geoprobe® DPP unit to advance a 0.75-inch diameter hollow probe rod fitted with an expendable 6-inch long stainless steel screened implant to a depth of 5 feet bgs. Dedicated tubing with threaded fittings was connected to the probe. The hollow probe rod was then removed and the boring was backfilled with clean silica sand to 1 foot above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to ground surface. The interior sub-slab vapor points (SV-3 through SV-5) were installed by coring an approximately 3-inch diameter hole through the building slab, boring to approximately 6 inches below the bottom of the slab, placing a 6-inch long stainless steel screened implant with connected tubing into the boring, backfilling the area around the screen with sand, and sealing the remaining void around the sample tubing with hydrated bentonite.

Prior to sampling, approximately three system volumes were purged from each soil/sub-slab vapor point using a Gilair Plus low flow sampling pump. During purging, an inverted 1-gallon bucket was placed over the sampling point and helium gas was introduced through a small hole in the bucket to saturate the atmosphere around the sampling point with helium. The purged vapors were collected in 1-liter Tedlar® bags and were field-screened with a portable helium detector to check for short-circuiting by ambient air into the sampling point (to verify the adequacy of the

bentonite seal and confirm that vapors sampled were solely from the subsurface). The purged vapors were also field-screened for organic vapors using a calibrated PID. After purging, each probe was connected via Teflon tubing to a laboratory-supplied 6-liter SUMMA canister equipped with a 0.05 liter per minute (L/min) flow regulator. In addition to the soil/sub-slab vapor samples, one ambient air sample (AA-1) was collected from the roof-level parking lot of the mall building for quality control purposes. The soil/sub-slab vapor and ambient air samples were collected over an approximate 2-hour timeframe.

Methodologies used for soil vapor assessment were consistent with the New York State Department of Health (NYSDOH) *Final Guidance on Soil Vapor Intrusion*, October 2006 and ASTM E 2600-08 *Standard Practice for Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions*. The soil vapor and ambient air samples were transported via courier with appropriate COC documentation to Test America Inc. for analysis for VOCs by EPA Method TO-15. Soil vapor and ambient air sampling logs are provided in Appendix C.

5.0 INVESTIGATION RESULTS

5.1 Geophysical Survey and Utility Mark Outs

During the geophysical survey, linear anomalies consistent with subsurface utilities were marked out with spray paint prior to drilling and soil boring locations were adjusted accordingly. No evidence of buried tanks was identified in the areas that were scanned during the geophysical survey. The Geophysical Investigation Report is attached as Appendix B.

5.2 Field Observations

Soils encountered during this investigation included historic fill extending from just below ground surface to depths ranging from 5 to 10 feet bgs. This fill layer included sand, organics (wood/plants), brick, and gravel. Apparent native soils composed of varying amounts of sand, silt, gravel, and clay were identified underlying the fill layer extending to approximately 25 feet bgs (the maximum boring depth). Evidence of contamination was noted in two of the soil borings advanced, SB-4 and SB-5, with elevated PID readings and petroleum-like odors observed. The field evidence of contamination was observed at the groundwater interface and within the "smear zone" (i.e., the area just above the groundwater table that is intermittently saturated during periods of higher groundwater levels). PID readings ranged from 5.4 parts per million (ppm) to 734 ppm at between 15 and 25 feet bgs in soil boring SB-4, located in the southeastern portion of the parking lot; and from 8.6 ppm to 311 ppm at between 10 and 15 feet bgs in SB-5, located on the Hamilton Avenue sidewalk at a lower elevation than the parking lot. No evidence of contamination or elevated PID readings was detected in the remaining seven soil borings. Soil descriptions, observations, and PID readings are detailed in the soil boring logs provided in Appendix C.

The observed depth to water in wells located at a higher elevations (in the parking lot and along Cottage Place) ranged from approximately 17.5 feet bgs at monitoring well GT-1 to approximately 23 feet bgs at temporary well TW-1. The depth to water in the wells located at lower elevations (within mall building and along Martin Luther King Jr. Boulevard, Hamilton Avenue, and Barker Avenue) ranged from approximately 9.9 feet bgs at GT-3 to 11.9 feet bgs at GT-2. No free phase product was detected in monitoring wells that were sampled; however, evidence of petroleum-like odors and sheen was noted on groundwater during sampling at TW-1, GT-2, and GW-3.

5.3 Soil Analytical Results

The analytical results from the 18 soil samples that were submitted to the laboratory from this investigation were compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Soil Cleanup Objectives (RRSCOs) presented in Sections 6.8(a) and 6.8(b) of 6 NYCRR Part 375. In addition, the VOC results were compared to the Soil Cleanup Levels (SCLs) for gasoline-contaminated soil listed in Table 2 of the NYSDEC Commissioner's Policy CP-51 *Soil Cleanup Guidance*. Soil analytical results are summarized in Tables 1 through 4. The complete laboratory analytical report is provided as Appendix D. The analytical results from the soil sampling are discussed below:

Volatile Organic Compounds (VOCs)

Fourteen (14) VOCs, including some petroleum-related compounds (e.g., benzene, toluene, ethylbenzene, xylenes, isopropyltoluene), presumed laboratory contaminants (e.g., acetone, methylene chloride), and chlorinated solvents (1,2-dichloroethane, tetrachloroethene), were detected in one or more of the soil samples at concentrations ranging from 0.00019 to 1.8 milligrams per kilogram (mg/kg). None of the detected VOC concentrations were above the respective UUSCOs, RRSCOs, or CP-51 SCLs. Analytical results for VOCs in soil are summarized in Table 1.

Semivolatile Organic Compounds (SVOCs)

Twenty-four (24) SVOCs were detected in the one or more or more of the soil samples, consisting primarily of polycyclic aromatic hydrocarbons (PAHs), a class of compounds commonly found in ash, asphalt, and petroleum products. One of these PAHs, indeno[1,2,3-cd]pyrene, was detected at 0.54 mg/kg, slightly above the UUSCO and RRSCO of 0.50 mg/kg, at soil boring SB-6 (2'-4'). Based on the field observations, its presence is likely attributable to asphalt in the fill material encountered in SB-6. No other SVOCs were detected above applicable NYSDEC standards in the remaining soil samples. The complete analytical results for SVOCs in soil are summarized in Table 2.

Metals

Select metals were detected in soil borings SB-1, SB-5, SB-6, SB-7, SB-8, and SB-9 above their respective UUSCOs, but below their RRSCOs, as summarized in the following table:

Metals Detected in Soil Above the Part 375 SCOs

Boring ID **Depth (ft bgs)** **Date Sampled** **Dilution Factor** **Units = mg/kg**	***Part 375 UUSCO***	***Part 375 RRSCO***	**SB-1 (2-4) 8/8/17 ¼ ŧ**	**SB-5 (2-4) 8/8/17 ¼ ŧ**	**SB-6 (2-4) 8/8/17 ¼ ŧ**	**SB-6 (9-11) 8/8/17 ¼ ŧ**	**SB-7 (1-3) 8/9/17 ¼ ŧ**	**SB-8 (2-4) 8/8/17 ¼ ŧ**	**SB-9 (1-3) 8/8/17 ¼ ŧ**
Chromium	***30***	***180***	24.9	21.8	**33.8**	**36.8**	19.1	**31.4**	25.4
Lead	***63***	***400***	40.7	**295**	**77.9**	5.3	**67.3**	32.5	**92.1**
Mercury	***0.18***	***0.81***	0.095	0.099	0.021	0.021 U	**0.48**	0.065	0.098
Zinc	***109***	***10,000***	**568**	**247**	67	82.5	53.3	76.6	103

Notes:
Bold = Exceeds Unrestricted Use SCO (UUSCO)
mg/kg = milligram per kilogram
ft bgs = feet below ground surface
U = The analyte was not detected at the indicated concentration
¼ ŧ = Dilution factor varies

Based on the field observations and the Property history, these metals detections are attributed to the fill material observed in the borings and/or background conditions, and not to a release or other source area. A summary of the complete analytical results from the metals is provided in Table 3.

Polychlorinated Biphenyls (PCBs)

There were no PCBs detected above their UUSCOs or RRSCOs in the soil samples collected during this investigation. The PCB analytical results from the soil sampling are summarized in Table 4.

5.4 Groundwater Analytical Results

Groundwater analytical results from the samples collected from the two temporary groundwater monitoring wells, six existing groundwater monitoring wells, and the trip blank were compared to the NYSDEC Class GA Ambient Water Quality Standards and Guidance Values (AWQVs) as presented in the NYSDEC Division of Water Technical Operational and Guidance Series (TOGS)1.1.1. The groundwater analytical results are summarized in Tables 5 and 6. The complete laboratory analytical report is provided as Appendix D. The analytical results from the groundwater sampling are discussed below:

VOCs

Petroleum-related VOCs were detected above their respective AWQVs in four of the groundwater samples, as summarized in the following table:

Volatile Organic Compounds Detected in Groundwater Above the Class GA AWQVs

Sample ID **Date Sampled** **Dilution Factor** **Units = µg/L**	***Class GA AWQS***	**GT-2** **8/10/2017** **10**	**GW-3** **8/10/2017** **1**	**TW-1** **8/9/2017** **5**	**TW-2** **8/9/2017** **1**
Benzene	***1***	10 U	0.69 J	**14**	1 U
Ethylbenzene	***5***	10 U	**5.2**	**150**	1 U
Isopropylbenzene	***5***	10 U	1.4	**35**	1 U
Methyl tert-butyl ether	***10***	**2,000**	0.82 J	**260**	**23**
m/p-Xylene & o-Xylene	***5***	10 U	3.8	**46**	1 U
Toluene	***5***	10 U	1.3	**6.1**	1 U

Notes:
Bold = Exceeds the Class GA AWQV
µg/L = microgram per liter
U = The analyte was not detected at the indicated concentration
J = The concentration given is an estimated value

These wells were located within the footprints of the former on-site gasoline stations in the southeastern portion of the Property and/or downgradient from the existing (off-site) gasoline station located across Cottage Place to the west. As discussed in Section 6.0, the groundwater contamination is likely attributable to a petroleum release or releases from one or more of these facilities. The complete analytical results for VOCs in groundwater are summarized in Table 5.

SVOCs

There were no SVOCs detected above the AWQVs in the groundwater samples collected during this investigation. The complete analytical results for SVOCs in groundwater are summarized in Table 6.

5.5 Sub-Slab/Soil Vapor and Ambient Air Analytical Results

The analytical results from the five sub-slab/soil vapor samples and ambient air sample were compared to the NYSDOH Soil Vapor Intrusion Air Guidance Values (AGVs) presented in the *Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006, incorporating subsequent 2013, 2015, and 2017 updates, the NYSDOH 2003 Soil Vapor Indoor Upper Fence Indoor Air Values, and the EPA 2001 90th Percentile Indoor Air Values. Soil vapor and ambient air sampling analytical results are summarized in Table 7. The complete laboratory analytical report is provided as Appendix D. The analytical data from the soil vapor and ambient air sampling is discussed below.

VOCs

Eighteen (18) VOCs were detected at concentrations above AGVs and/or background levels in one or more of the sub-slab/soil vapor samples collected during this investigation, as summarized in the table below:

Volatile Organic Compounds Detected in Sub-Slab/Soil Vapor Above Air Guidance Values

Sample ID **Date Sampled** **Dilution Factor** **Units = µg/m^3**	***NYSDOH AGV***	***NYSDOH Upper Fence/ EPA 90th Percentile***	**SV-1** **8/8/2017** **8**	**SV-2** **8/8/2017** **13.1**	**SV-3** **8/9/2017** **6**	**SV-4** **8/9/2017** **1**	**SV-5** **8/9/2017** **10**
1,3-Butadiene	***NS***	***NS / <3.0***	7.2	87	2.7 U	0.44 U	5.4
2,2,4-Trimethylpentane	***NS***	***5 / NS***	25	15	5.6 U	0.93 U	9.3 U
Acetone	***NS***	***115 / 98.9***	170	170	270	41	750
Benzene	***NS***	***13 / 9.4***	11	52	3.8 U	2.9	6.4 U
Carbon disulfide	***NS***	***NS / 4.2***	12 U	100	9.3 U	1.6 U	16 U
Chloroform	***NS***	***1.2 / 1.1***	7.8 U	13 U	5.9 U	1.2	10
Chloromethane	***NS***	***4.2 / 3.7***	8.3 U	20	6.2 U	1 U	10 U
Cumene	***NS***	***0.8 / NS***	7.9 U	13 U	5.9 U	0.98 U	13
Cyclohexane	***NS***	***6.3 / NS***	5.5 U	18	26	0.69 U	6.9 U
Ethylbenzene	***NS***	***6.4 / 5.7***	50	38	5.2 U	4	10
Methyl Ethyl Ketone	***NS***	***16 / 12***	36	44	18	11	26
Methylene Chloride	***60***	***16 / 10***	14 U	23 U	**240**	1.7 U	53
n-Heptane	***NS***	***18 / NS***	12	240	8	0.82 U	17
n-Hexane	***NS***	***14 / 10.2***	40	590	350	1.3	100
n-Propylbenzene	***NS***	***1.5 / NS***	8.6	13 U	5.9 U	1.7	9.8 U
o-Xylene	***NS***	***7.1 / 7.9***	7.4	11 U	5.2 U	1.3	8.7 U
Toluene	***NS***	***57 / 43***	23	23	**250**	6	45
Trichloroethene	***2***	***0.5 / 4.2***	1.7 U	2.8 U	**69**	0.24	**13**

Notes:
Bold = Exceeds the Soil Vapor Intrusion Air Guidance Values (AGVs)
Highlighted = Exceeds the Soil Vapor Indoor Upper Fence Air Values
Bold Border = Exceeds the EPA Base 90th Percentile Indoor Air Values
µg/L = microgram per liter
U = The analyte was not detected at the indicated concentration

As indicated in the table, trichloroethene was detected above its NYSDOH AGV in sub-slab vapor samples SV-3 and SV-5, and methylene chloride was detected above its AGV in sub-slab sample SV-3. The detected trichloroethene, which is an industrial solvent and a degradation product of the dry cleaning solvent tetrachlorothene (PCE), could be attributable to one of the potential former on-site dry cleaners identified in the Phase I ESA or to an off-site source. Methylene chloride is a common laboratory solvent, and is potentially associated with laboratory

interference. The other VOCs detected above the indoor air background levels consist mostly of petroleum-related compounds and are likely attributable to the former on-site or nearby off-site gas stations. The complete analytical results for VOCs in sub-slab/soil vapor are summarized in Table 7. There were no exceedances to applicable guidance values in the ambient air sample that was collected.

6.0 CONCLUSIONS AND RECOMMENDATIONS

AKRF conducted a Subsurface (Phase II) Investigation at the property located at 200 Hamilton Avenue in the City of White Plains, Westchester County, New York, as shown on Figure 1, between August 8 and 10, 2017. The Phase II investigation was conducted to further assess the recognized environmental conditions (RECs) and other environmental concerns identified during AKRF's May 2017 Phase I ESA of the Property. The scope of this Phase II investigation included a soil boring program to characterize soil, soil vapor, and groundwater in the area of the RECs and areas that would be disturbed during the proposed future redevelopment activities at the Property.

The Property consists of a two-story shopping mall and a west-adjacent asphalt-paved parking lot, with additional parking on the building roof, accessed by a ramp on the northern side of the building. The topography surrounding the Property slopes downward to the west such that the upper floor of the mall is at street level on the eastern side of the building, and the lower level is at street level on the western side. A retaining wall is present along the southwestern end of the parking lot, where the Hamilton Avenue sidewalk is situated approximately 6 to 8 feet lower than the parking lot.

The Phase II scope included: the advancement of nine soil borings, of which two were converted into temporary groundwater monitoring wells; the installation of five soil vapor points; and the collection of 18 soil, 5 sub-slab/soil vapor, and 8 groundwater samples for laboratory analysis (including 6 groundwater samples collected from existing monitoring wells, previously installed at the Site by others.)

Fill material was encountered in most of the soil borings to depths ranging from approximately 5 to 10 feet below ground surface (bgs). The fill material was generally underlain by apparent native sand and silt to approximately 25 feet bgs (the maximum soil boring depth). The water table was measured at depths ranging from 9.9 to 23 feet below ground surface in the temporary wells installed during the investigation and existing monitoring wells, with generally shallower water observed in wells in the central and western portion of the site, which is at a lower elevation. Based on the topography surrounding the Property, groundwater is anticipated to flow to the west or southwest.

Evidence of petroleum contamination [petroleum-like odors, staining, and elevated photoionization detector (PID) readings] was noted in soil just above and at the groundwater interface in two soil borings (SB-4 and SB-5), both located within the footprints of two former on-site gasoline stations, and in a presumed downgradient direction relative to a current gasoline station located across Cottage Place from (east of) the Property.

Analytical results for the soil samples identified four metals (chromium, lead, mercury, and/or zinc) in 7 of the 18 soil samples at concentrations above the New York State Department of Environmental Conservation (NYSDEC) Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) listed in 6 NYCRR Part 375; and one semivolatile organic compound (indeno-[1,2,3-cd]pyrene) was identified in one of the samples above both its Part 375 UUSCO and Restricted Residential Soil Cleanup Objective (RRSCO). No volatile organic compounds (VOCs) were detected above their respective UUSCOs and no polychlorinated biphenyls (PCBs) were detected in any of the soil samples. Some petroleum-related VOCs and SVOCs were detected in the soil samples collected at the groundwater interface in soil borings SB-4 and SB-5 (where field evidence of contamination was noted); however, all concentrations were

below their respective Soil Cleanup Levels (SCLs) listed in NYSDEC CP-51 Table 2: Soil Cleanup Levels for Gasoline Contaminated Soils.

Analytical results for the groundwater samples identified petroleum-related compounds, including benzene, ethylbenzene, toluene, and xylenes (a.k.a., BTEX) and isopropylbenzene, above their respective NYSDEC Class GA Ambient Water Quality Standards/Guidance Values (AWQVs) in the groundwater sample from TW-1 (installed in soil boring SB-4); and ethylbenzene was also detected above its AWQV in the groundwater sample from the existing monitoring well GW-3, located directly across Cottage Place from the current gasoline station. Methyl tert-butyl ether (MTBE), an oxygenate that was used as a gasoline additive in New York State between 1979 and 2004, was detected above its AWQV of 10 micrograms per liter (µg/L) in three groundwater samples, TW-1 (260 µg/L), TW-2 (23 µg/L), and GT-2 (2000 µg/L), but was below the AWQV in GW-3 (0.82 µg/L), located closest to the current gas station.

Analytical results for the sub-slab/soil vapor samples indicate that the chlorinated solvent trichloroethene (TCE) was detected above its New York State Department of Health (NYSDOH) indoor Air Guideline Value (AGV) of 2 micrograms per cubic meter (µg/m^3), in two of the five soil/sub-slab vapor samples: SV-2 (69 µg/m^3) and SV-5 (13 µg/m^3). In addition, some petroleum-related compounds (e.g., BTEX, trimethylpentane, n-hexane) and other VOCs (e.g., acetone, methyl ethyl ketone, methylene chloride) were detected in one or more of the soil/sub-slab vapor above the corresponding NYSDOH AGVs or background levels for indoor air; however, the concentrations were generally less than one or two orders of magnitude greater than background.

6.1 Conclusions

Based on the findings of the Phase II investigation, AKRF concludes the following:

- An historical petroleum release or releases has affected groundwater beneath the Property, resulting in the presence of petroleum-related VOCs above the NYSDEC AWQVs. Although no obvious on-site source area (e.g., separate phase oil on the water table, grossly contaminated soil at the anticipated depth of potential former underground storage tanks) was identified, the observed groundwater contamination may be attributable to the former on-site gasoline stations. The presence of MTBE in groundwater suggests that an off-site source (e.g., the existing gas station across Cottage Place) has also contributed to the contamination, since the on-site gasoline stations closed before 1970 (before MTBE was used in New York State). Field evidence of petroleum contamination observed in the "smear zone" in soil borings SB-4 and SB-5, and petroleum-related VOCs detected above NYSDOH background levels in soil vapor are likely related to the groundwater contamination and any residual soil contamination. On September 28, 2017, AKRF reported the groundwater contamination to the NYSDEC Spills division, and the case was assigned spill #1706297.
- The chlorinated solvent TCE, which was detected above the NYSDOH AGV in two sub-slab vapor samples, was not detected above the regulatory standards or guidance values in any soil or groundwater samples collected during the Phase II ESI. Although TCE may have been used by one of the potential former on-site dry cleaners identified in the May 2017 Phase I ESA, the levels detected in soil vapor are not indicative of a widespread release or on-site source area.
- Based on the Phase II field observations, the metals and SVOCs detected in soil at levels above their respective Part 375 Unrestricted and/or Restricted Residential Use Soil Cleanup Objectives are likely attributable to contaminants in the shallow fill layer observed in the site subsurface or to background conditions, and not likely to an on-site release or other source area.

6.2 Recommendations

AKRF understands that SWD II, LLC is proposing to redevelop the Property with 900 multi-family residential units; an upscale food and craft market hall, and street level retail; 1060 parking spaces; and green space, with structures occupying the majority of the site footprint.

Based on the conclusions presented above in conjunction with the scope of the proposed redevelopment work, AKRF recommends the following:

- A Spill Investigation (SI) should be conducted to assess the extent of the petroleum contamination in groundwater and further investigate for a potential on-site source area. The SI should include surveying the existing groundwater monitoring wells and collecting one to two rounds of water level measurements to verify the groundwater flow direction.
- Based on results of the SI, a Remedial Action Work Plan (RAWP) should be prepared for addressing the historic petroleum release in accordance with NYSDEC requirements. It is anticipated that most of the petroleum contamination could be remediated at the time of site redevelopment by segregating and properly disposing of impacted soil identified during excavation for the new building foundations, and application of a chemical oxidation and/or oxygen releasing product directly to groundwater in the open excavation area. Depending on the construction schedule, it may be appropriate to complete an Interim Remedial Measure (IRM) such as targeted chemical oxidation/oxygen releasing compound injection, before the start of construction.
- In addition to the Spill remediation measures specified in the RAWP, the following additional measures should be taken during Site redevelopment:
    - Waste characterization samples should be collected and analyzed in accordance with disposal facility requirements for all soil/fill to be removed from the Property during redevelopment. This material should be handled and managed in accordance with applicable regulations, as discussed in Section 8.0. Transportation of material leaving the Property for disposal must be in accordance with federal, state and local regulatory requirements covering licensing of haulers and trucks, placarding, truck routes, manifesting, etc.
    - No evidence of underground storage tanks (USTs) or other buried tanks was identified during the geophysical survey or the sampling program. However, if any storage tanks or contaminated soil are encountered during redevelopment, such tanks should be registered with NYSDEC and/or the Westchester County Department of Health (WCDOH), if required, and closed and removed along with any contaminated soil in accordance with applicable regulations.
    - A vapor barrier should be installed under any occupied spaces in the new structures. The barrier should be installed outside of the below-grade foundation walls and below the horizontal slab and should be appropriately integrated with any proposed foundation waterproofing. The barrier will serve to mitigate potential vapors from entering the new building.
    - New landscaped areas (i.e., not areas covered by buildings, paving or other impervious surfaces) should include at least a 2-foot cover of soils (either imported or reused from excavation at the Property) that testing indicates meet the 6 NYCRR Part 375-6.4 RRSCOs.

  - If dewatering is required during future construction activities, water must be discharged in accordance with City of White Plains and Westchester County requirements.

- SWD II, LLC may wish to consider exploring whether the property can be enrolled into the NYSDEC Brownfield Cleanup Program (BCP). If the site is eligible to enter into the BCP, qualified remediation costs, as outlined in a remedial plan approved by the NYSDEC Division of Environmental Remediation (including the Spill remediation costs), and a portion of the redevelopment costs could be eligible for New York State tax credits.

7.0 LIMITATIONS

The findings set forth in this report are strictly limited in scope and time to the date of the evaluation described herein. The conclusions and recommendations presented in the report are based solely on the services and any limitations described in this report.

This report may contain conclusions that are based on the analysis of data collected at the time and locations noted in the report through intrusive or non-intrusive sampling. However, further investigation might reveal additional data or variations of the current data, which may differ from our understanding of the conditions presented in this report and require the enclosed recommendations to be reevaluated or modified.

Chemical analyses may have been performed for specific parameters during the course of this investigation, as summarized in the text and tables. It should be noted that additional chemical constituents, not searched for during this investigation, may be present at the site. Due to the nature of the investigation and the limited data available, no warranty, expressed or implied, shall be construed with respect to undiscovered liabilities. The presence of biological hazards, radioactive materials, lead-based paint and asbestos-containing materials was not investigated, unless specified in the report.

Interpretations of the data, including comparison to regulatory standards, guidelines or background values, are not opinions that these comparisons are legally applicable. Furthermore, any conclusions or recommendations should not be construed as legal advice. For such advice, the client is recommended to seek appropriate legal counsel. Disturbance, handling, transportation, storage and disposal of known or potentially contaminated materials is subject to all applicable laws, which may or may not be fully described as part of this report.

The analytical data, conclusions, and/or recommendations provided in this report should not be construed in any way as a classification of waste that may be generated during future disturbance of the project site. Waste(s) generated at the site including excess fill may be considered regulated solid waste and potentially hazardous waste. Requirements for intended disposal facilities should be determined beforehand as the data provided in this report may be insufficient and could vary following additional sampling.

This report may be based solely or partially on data collected, conducted, and provided by, AKRF and/or others. No warranty is expressed or implied by usage of such data. Such data may be included in other investigation reports or documentation. In addition, these reports may have been based upon available previous reports, historical records, documentation from federal, state and local government agencies, personal interviews, and geological mapping. This report is subject, at a minimum, to the limitations of the previous reports, historical documents, availability and accuracy of collected documentation, and personal recollection of those persons interviewed. In certain instances, AKRF has been required to assume that the information provided is accurate with limited or no corroboratory evidence.

This report is intended for the use solely by SWD II, LLC. Reliance by third parties on the information and opinions contained herein is strictly prohibited and requires the written consent of AKRF. AKRF accepts no responsibility for damages incurred by third parties for any decisions or actions taken based on this report. This report must be used, interpreted, and presented in its entirety.

8.0 SOIL DISPOSAL ISSUES

In addition to the discussions in the Conclusions, Recommendations, and Limitations Sections (Sections 6.0 and 7.0), the issue of appropriate management of off-site disposal of soil warrants careful consideration. Any material being disposed of off-site is a regulated waste, and disposal must be in accordance with:

- Requirements of the specific receiving facility;
- Requirements of any agencies overseeing the cleanup/excavation; and
- Federal and state requirements (sometimes in both the state where the soil is generated and where disposal will occur).

For hazardous wastes and petroleum-contaminated soil (and other 'clearly contaminated' materials), the requirements are usually fairly well defined. It is in the situation where contamination is not readily apparent (e.g., so called "historic or urban fill" or "construction and demolition debris" or material that may have been formerly identified as "clean fill") that present the greatest potential for problems and cost overruns. Even on sites where no contamination requiring remediation is identified, it is common that most of the excavated material is considered "contaminated" for purposes of waste disposal. Concentrations of the various contaminants in historic fill can be highly variable, and upon further testing, the material could contain higher contaminant concentrations than outlined in this investigation. Portions of this material could be classified as hazardous waste.

It is important that the intended disposal facility (or facilities) be identified in advance of off-site disposal. Agency approval is sometimes required for disposal, and the facility will frequently require additional testing prior to (and sometimes at the time of) accepting material. Material must conform to a lengthy list of requirements based on both chemical composition and sometimes numerous other parameters (related to size, percentage of liquids, presence of odors, etc.) for acceptance at the facility. Assuming (or allowing a contractor to assume) that all, or even most, of the soil from a site can be disposed of at minimal cost may result in unanticipated and expensive change orders.

For these reasons, we recommend that professional advice be sought prior to preparing bid documents and contracts incorporating soil disposal.

TABLES

Table 1
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-1 (2-4)	SB-1 (9-11)	SB-2 (1-3)	SB-2 (16-18)
Lab Sample ID	Part 375	Part 375	460-138836-1	460-138836-2	460-138836-3	460-138836-4
Date Sampled	Unrestricted	Restricted	8/8/2017	8/8/2017	8/8/2017	8/8/2017
Dilution	SCO	Residential	1	1	1	1
		SCO				
Analyte	mg/kg	mg/kg				
1,1,1-Trichloroethane	0.68	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,1,2-Trichloroethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,1-Dichloroethane	0.27	26	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,1-Dichloroethene	0.33	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,2,3-Trichlorobenzene	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,2,4-Trichlorobenzene	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,2-Dichlorobenzene	1.1	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,2-Dichloroethane	0.02	3.1	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,2-Dichloropropane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,3-Dichlorobenzene	2.4	49	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,4-Dichlorobenzene	1.8	13	0.00078 U	0.00075 U	0.00087 U	0.00094 U
1,4-Dioxane	0.1	13	0.016 U	0.015 U	0.017 U	0.019 U
2-Butanone (MEK)	0.12	100	0.0039 U	0.0037 U	0.0026 J	0.0024 J
2-Hexanone	NS	NS	0.0039 U	0.0037 U	0.0044 U	0.0047 U
4-Methyl-2-pentanone (MIBK)	NS	NS	0.0039 U	0.0037 U	0.0044 U	0.0047 U
Acetone	0.05	100	0.0039 U	0.0037 U	0.014	0.011
Acetonitrile	NS	NS	0.0078 U	0.0075 U	0.0087 U	0.0094 U
Acrolein	NS	NS	0.078 U	0.075 U	0.087 U	0.094 U
Benzene	0.06	4.8	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Bromoform	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Bromomethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Carbon disulfide	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Carbon tetrachloride	0.76	2.4	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Chlorobenzene	1.1	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Chlorobromomethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Chlorodibromomethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Chloroethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Chloroform	0.37	49	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Chloromethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
cis-1,2-Dichloroethene	0.25	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
cis-1,3-Dichloropropene	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Cyclohexane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Dichlorobromomethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Dichlorodifluoromethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Ethylbenzene	1	41	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Ethylene Dibromide	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Isopropylbenzene	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Methyl acetate	NS	NS	0.0039 U	0.0037 U	0.0044 U	0.0047 U
Methyl tert-butyl ether	0.93	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Methylcyclohexane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Methylene Chloride	0.05	100	0.00078 U	0.00075 U	0.00073 J	0.00094 U
m-Xylene & p-Xylene	0.26 TS	100 TS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
o-Xylene	0.26 TS	100 TS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Styrene	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
TBA	NS	NS	0.0078 U	0.0075 U	0.0087 U	0.0094 U
Tetrachloroethene	1.3	19	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Toluene	0.7	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
trans-1,2-Dichloroethene	0.19	100	0.00078 U	0.00075 U	0.00087 U	0.00094 U
trans-1,3-Dichloropropene	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Trichloroethene	0.47	21	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Trichlorofluoromethane	NS	NS	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Vinyl chloride	0.02	0.9	0.00078 U	0.00075 U	0.00087 U	0.00094 U
Total Conc	NS	NS	0	0	0.01733	0.0134

Table 1
Hamilton Green
White Plains, NY

Phase II Investigation Soil Analytical Results

Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-3 (1-3)	SB-3 (17-19)	SB-4 (1-3)	SB-4 (21-23)
Lab Sample ID	Part 375	Part 375	460-138908-1	460-138908-2	460-138908-3	460-138908-4
Date Sampled	Unrestricted	Restricted	8/9/2017	8/9/2017	8/9/2017	8/9/2017
Dilution	SCO	Residential	1	1	1	50
		SCO				
Analyte	mg/kg	mg/kg				
1,1,1-Trichloroethane	0.68	100	0.001 U	0.00077 U	0.00086 U	0.043 U
1,1,2,2-Tetrachloroethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,1,2-Trichloroethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,1-Dichloroethane	0.27	26	0.001 U	0.00077 U	0.00086 U	0.043 U
1,1-Dichloroethene	0.33	100	0.001 U	0.00077 U	0.00086 U	0.043 U
1,2,3-Trichlorobenzene	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,2,4-Trichlorobenzene	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,2-Dichlorobenzene	1.1	100	0.001 U	0.00077 U	0.00086 U	0.043 U
1,2-Dichloroethane	0.02	3.1	0.001 U	0.00077 U	0.00086 U	0.043 U
1,2-Dichloropropane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
1,3-Dichlorobenzene	2.4	49	0.001 U	0.00077 U	0.00086 U	0.043 U
1,4-Dichlorobenzene	1.8	13	0.001 U	0.00077 U	0.00086 U	0.043 U
1,4-Dioxane	0.1	13	0.02 U	0.015 U	0.017 U	2.2 U
2-Butanone (MEK)	0.12	100	0.0051 U	0.0038 U	0.0043 U	0.22 U
2-Hexanone	NS	NS	0.0051 U	0.0038 U	0.0043 U	0.22 U
4-Methyl-2-pentanone (MIBK)	NS	NS	0.0051 U	0.0038 U	0.0043 U	0.22 U
Acetone	0.05	100	0.0051 U	0.0038 U	0.0043 U	0.22 U
Acetonitrile	NS	NS	0.01 U	0.0077 U	0.0086 U	0.43 U
Acrolein	NS	NS	0.1 U	0.077 U	0.086 U	0.22 U *
Benzene	0.06	4.8	0.001 U	0.00077 U	0.0018	0.043 U
Bromoform	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Bromomethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Carbon disulfide	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Carbon tetrachloride	0.76	2.4	0.001 U	0.00077 U	0.00086 U	0.043 U
Chlorobenzene	1.1	100	0.001 U	0.00077 U	0.00086 U	0.043 U
Chlorobromomethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Chlorodibromomethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Chloroethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Chloroform	0.37	49	0.001 U	0.00077 U	0.00086 U	0.043 U
Chloromethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
cis-1,2-Dichloroethene	0.25	100	0.001 U	0.00077 U	0.00086 U	0.043 U
cis-1,3-Dichloropropene	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Cyclohexane	NS	NS	0.00075 J	0.00032 J	0.001	0.36
Dichlorobromomethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Dichlorodifluoromethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Ethylbenzene	1	41	0.001 U	0.00077 U	0.00086 U	0.22
Ethylene Dibromide	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Isopropylbenzene	NS	NS	0.001 U	0.00077 U	0.00086 U	0.082
Methyl acetate	NS	NS	0.0051 U	0.0038 U	0.0043 U	0.22 U
Methyl tert-butyl ether	0.93	100	0.001 U	0.00077 U	0.00086 U	0.043 U
Methylcyclohexane	NS	NS	0.0027	0.00098	0.0032	1.8
Methylene Chloride	0.05	100	0.001 U	0.00077 U	0.00086 U	0.043 U
m-Xylene & p-Xylene	0.26 TS	100 TS	0.001 U	0.00077 U	0.00086 U	0.06
o-Xylene	0.26 TS	100 TS	0.001 U	0.00077 U	0.00086 U	0.043 U
Styrene	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
TBA	NS	NS	0.01 U	0.0077 U	0.0086 U	0.43 U
Tetrachloroethene	1.3	19	0.001 U	0.00077 U	0.00086 U	0.043 U
Toluene	0.7	100	0.001 U	0.00077 U	0.00086 U	0.043 U
trans-1,2-Dichloroethene	0.19	100	0.001 U	0.00077 U	0.00086 U	0.043 U
trans-1,3-Dichloropropene	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Trichloroethene	0.47	21	0.001 U	0.00077 U	0.00086 U	0.043 U
Trichlorofluoromethane	NS	NS	0.001 U	0.00077 U	0.00086 U	0.043 U
Vinyl chloride	0.02	0.9	0.001 U	0.00077 U	0.00086 U	0.043 U
Total Conc	NS	NS	0.00345	0.0013	0.006	2.522

Table 1
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-5 (2-4)	SB-5 (10-12)	SB-6 (2-4)	SB-6 (9-11)
Lab Sample ID	Part 375	Part 375	460-138836-5	460-138836-6	460-138836-7	460-138836-8
Date Sampled	Unrestricted	Restricted	8/8/2017	8/8/2017	8/8/2017	8/8/2017
Dilution	SCO	Residential	1	1	1	1
		SCO				
Analyte	mg/kg	mg/kg				
1,1,1-Trichloroethane	0.68	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,1,2-Trichloroethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,1-Dichloroethane	0.27	26	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,1-Dichloroethene	0.33	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,2-Dichlorobenzene	1.1	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,2-Dichloroethane	0.02	3.1	0.0011	0.0012 U	0.00098 U	0.001 U
1,2-Dichloropropane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,3-Dichlorobenzene	2.4	49	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,4-Dichlorobenzene	1.8	13	0.0011 U	0.0012 U	0.00098 U	0.001 U
1,4-Dioxane	0.1	13	0.022 U	0.023 U	0.02 U	0.02 U
2-Butanone (MEK)	0.12	100	0.0054 U	0.007	0.0049 U	0.0051 U
2-Hexanone	NS	NS	0.0054 U	0.0058 U	0.0049 U	0.0051 U
4-Methyl-2-pentanone (MIBK)	NS	NS	0.0054 U	0.0058 U	0.0049 U	0.0051 U
Acetone	0.05	100	0.0046 J	0.037	0.0049 U	0.0051 U
Acetonitrile	NS	NS	0.011 U	0.012 U	0.0098 U	0.01 U
Acrolein	NS	NS	0.11 U	0.12 U	0.098 U	0.1 U
Benzene	0.06	4.8	0.0057	0.0012 U	0.00098 U	0.001 U
Bromoform	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Bromomethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Carbon disulfide	NS	NS	0.0011 U	0.0007 J	0.00098 U	0.001 U
Carbon tetrachloride	0.76	2.4	0.0011 U	0.0012 U	0.00098 U	0.001 U
Chlorobenzene	1.1	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
Chlorobromomethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Chlorodibromomethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Chloroethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Chloroform	0.37	49	0.0011 U	0.0012 U	0.00098 U	0.001 U
Chloromethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
cis-1,2-Dichloroethene	0.25	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
cis-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Cyclohexane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Dichlorobromomethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Dichlorodifluoromethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Ethylbenzene	1	41	0.0008 J	0.011	0.00098 U	0.001 U
Ethylene Dibromide	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Isopropylbenzene	NS	NS	0.0011 U	0.0036	0.00098 U	0.001 U
Methyl acetate	NS	NS	0.0054 U	0.0058 U	0.0049 U	0.0051 U
Methyl tert-butyl ether	0.93	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
Methylcyclohexane	NS	NS	0.0011 U	0.0009 J	0.00098 U	0.001 U
Methylene Chloride	0.05	100	0.0011 U	0.0018	0.00098 U	0.001 U
m-Xylene & p-Xylene	0.26 TS	100 TS	0.0041	0.0041	0.00098 U	0.001 U
o-Xylene	0.26 TS	100 TS	0.00095 J	0.0012 U	0.00098 U	0.001 U
Styrene	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
TBA	NS	NS	0.011 U	0.012 U	0.0098 U	0.01 U
Tetrachloroethene	1.3	19	0.0011 U	0.0012 U	0.00098 U	0.001 U
Toluene	0.7	100	0.013	0.0012 U	0.00098 U	0.001 U
trans-1,2-Dichloroethene	0.19	100	0.0011 U	0.0012 U	0.00098 U	0.001 U
trans-1,3-Dichloropropene	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Trichloroethene	0.47	21	0.0011 U	0.0012 U	0.00098 U	0.001 U
Trichlorofluoromethane	NS	NS	0.0011 U	0.0012 U	0.00098 U	0.001 U
Vinyl chloride	0.02	0.9	0.0011 U	0.0012 U	0.00098 U	0.001 U
Total Conc	NS	NS	0.03025	0.0661	0	0

Table 1
Hamilton Green
White Plains, NY

Phase II Investigation Soil Analytical Results

Volatile Organic Compounds

Client ID	NYSDEC	NYSDEC	SB-7 (1-3)	SB-7 (8-10)	SB-8 (2-4)	SB-8 (9-11)
Lab Sample ID	Part 375	Part 375	460-138908-5	460-138908-6	460-138836-9	460-138836-10
Date Sampled	Unrestricted	Restricted	8/9/2017	8/9/2017	8/8/2017	8/8/2017
Dilution	SCO	Residential	1	1	1	1
		SCO				
Analyte	mg/kg	mg/kg				
1,1,1-Trichloroethane	0.68	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,1,2,2-Tetrachloroethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,1,2-Trichloroethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,1-Dichloroethane	0.27	26	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,1-Dichloroethene	0.33	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,2,3-Trichlorobenzene	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,2,4-Trichlorobenzene	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,2-Dichlorobenzene	1.1	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,2-Dichloroethane	0.02	3.1	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,2-Dichloropropane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,3-Dichlorobenzene	2.4	49	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,4-Dichlorobenzene	1.8	13	0.00096 U	0.00078 U	0.0013 U	0.00084 U
1,4-Dioxane	0.1	13	0.019 U	0.016 U	0.026 U	0.017 U
2-Butanone (MEK)	0.12	100	0.0048 U	0.0039 U	0.0065 U	0.0023 J
2-Hexanone	NS	NS	0.0048 U	0.0039 U	0.0065 U	0.0042 U
4-Methyl-2-pentanone (MIBK)	NS	NS	0.0048 U	0.0039 U	0.0065 U	0.0042 U
Acetone	0.05	100	0.007	0.004	0.0065 U	0.017
Acetonitrile	NS	NS	0.0096 U	0.0078 U	0.013 U	0.0084 U
Acrolein	NS	NS	0.096 U	0.078 U	0.13 U	0.084 U
Benzene	0.06	4.8	0.0023	0.00078 U	0.0013 U	0.00084 U
Bromoform	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Bromomethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Carbon disulfide	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Carbon tetrachloride	0.76	2.4	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Chlorobenzene	1.1	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Chlorobromomethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Chlorodibromomethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Chloroethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Chloroform	0.37	49	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Chloromethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
cis-1,2-Dichloroethene	0.25	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
cis-1,3-Dichloropropene	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Cyclohexane	NS	NS	0.0011	0.0041	0.0013 U	0.00084 U
Dichlorobromomethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Dichlorodifluoromethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Ethylbenzene	1	41	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Ethylene Dibromide	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Isopropylbenzene	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Methyl acetate	NS	NS	0.0048 U	0.0039 U	0.0065 U	0.0042 U
Methyl tert-butyl ether	0.93	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Methylcyclohexane	NS	NS	0.0043	0.018	0.0013 U	0.00084 U
Methylene Chloride	0.05	100	0.00096 U	0.00054 J	0.0013 U	0.00084 U
m-Xylene & p-Xylene	0.26 TS	100 TS	0.00019 J	0.00078 U	0.0013 U	0.00084 U
o-Xylene	0.26 TS	100 TS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Styrene	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
TBA	NS	NS	0.0096 U	0.0078 U	0.013 U	0.0084 U
Tetrachloroethene	1.3	19	0.00056 J	0.00078 U	0.0013 U	0.00084 U
Toluene	0.7	100	0.00061 J	0.00078 U	0.0013 U	0.00084 U
trans-1,2-Dichloroethene	0.19	100	0.00096 U	0.00078 U	0.0013 U	0.00084 U
trans-1,3-Dichloropropene	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Trichloroethene	0.47	21	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Trichlorofluoromethane	NS	NS	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Vinyl chloride	0.02	0.9	0.00096 U	0.00078 U	0.0013 U	0.00084 U
Total Conc	NS	NS	0.01606	0.02664	0	0.0193

Table 1
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-9 (1-3) 460-138836-11 8/8/2017 1	SB-9 (8-10) 460-138836-12 8/8/2017 1
1,1,1-Trichloroethane	0.68	100	0.0009 U	0.00077 U
1,1,2,2-Tetrachloroethane	NS	NS	0.0009 U	0.00077 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	NS	0.0009 U	0.00077 U
1,1,2-Trichloroethane	NS	NS	0.0009 U	0.00077 U
1,1-Dichloroethane	0.27	26	0.0009 U	0.00077 U
1,1-Dichloroethene	0.33	100	0.0009 U	0.00077 U
1,2,3-Trichlorobenzene	NS	NS	0.0009 U	0.00077 U
1,2,4-Trichlorobenzene	NS	NS	0.0009 U	0.00077 U
1,2-Dibromo-3-Chloropropane	NS	NS	0.0009 U	0.00077 U
1,2-Dichlorobenzene	1.1	100	0.0009 U	0.00077 U
1,2-Dichloroethane	0.02	3.1	0.0009 U	0.00077 U
1,2-Dichloropropane	NS	NS	0.0009 U	0.00077 U
1,3-Dichlorobenzene	2.4	49	0.0009 U	0.00077 U
1,4-Dichlorobenzene	1.8	13	0.0009 U	0.00077 U
1,4-Dioxane	0.1	13	0.018 U	0.015 U
2-Butanone (MEK)	0.12	100	0.0045 U	0.0039 U
2-Hexanone	NS	NS	0.0045 U	0.0039 U
4-Methyl-2-pentanone (MIBK)	NS	NS	0.0045 U	0.0039 U
Acetone	0.05	100	0.0045 U	0.0039 U
Acetonitrile	NS	NS	0.009 U	0.0077 U
Acrolein	NS	NS	0.09 U	0.077 U
Benzene	0.06	4.8	0.0009 U	0.00077 U
Bromoform	NS	NS	0.0009 U	0.00077 U
Bromomethane	NS	NS	0.0009 U	0.00077 U
Carbon disulfide	NS	NS	0.0009 U	0.00077 U
Carbon tetrachloride	0.76	2.4	0.0009 U	0.00077 U
Chlorobenzene	1.1	100	0.0009 U	0.00077 U
Chlorobromomethane	NS	NS	0.0009 U	0.00077 U
Chlorodibromomethane	NS	NS	0.0009 U	0.00077 U
Chloroethane	NS	NS	0.0009 U	0.00077 U
Chloroform	0.37	49	0.0009 U	0.00077 U
Chloromethane	NS	NS	0.0009 U	0.00077 U
cis-1,2-Dichloroethene	0.25	100	0.0009 U	0.00077 U
cis-1,3-Dichloropropene	NS	NS	0.0009 U	0.00077 U
Cyclohexane	NS	NS	0.0009 U	0.00077 U
Dichlorobromomethane	NS	NS	0.0009 U	0.00077 U
Dichlorodifluoromethane	NS	NS	0.0009 U	0.00077 U
Ethylbenzene	1	41	0.0009 U	0.00077 U
Ethylene Dibromide	NS	NS	0.0009 U	0.00077 U
Isopropylbenzene	NS	NS	0.0009 U	0.00077 U
Methyl acetate	NS	NS	0.0045 U	0.0039 U
Methyl tert-butyl ether	0.93	100	0.0009 U	0.00077 U
Methylcyclohexane	NS	NS	0.0009 U	0.00077 U
Methylene Chloride	0.05	100	0.0009 U	0.00077 U
m-Xylene & p-Xylene	0.26 TS	100 TS	0.0009 U	0.00077 U
o-Xylene	0.26 TS	100 TS	0.0009 U	0.00077 U
Styrene	NS	NS	0.0009 U	0.00077 U
TBA	NS	NS	0.009 U	0.0077 U
Tetrachloroethene	1.3	19	0.0009 U	0.00077 U
Toluene	0.7	100	0.0009 U	0.00077 U
trans-1,2-Dichloroethene	0.19	100	0.0009 U	0.00077 U
trans-1,3-Dichloropropene	NS	NS	0.0009 U	0.00077 U
Trichloroethene	0.47	21	0.0009 U	0.00077 U
Trichlorofluoromethane	NS	NS	0.0009 U	0.00077 U
Vinyl chloride	0.02	0.9	0.0009 U	0.00077 U
Total Conc	NS	NS	0	0

Table 2
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-1 (2-4) 460-138836-1 8/8/2017	SB-1 (9-11) 460-138836-2 8/8/2017	SB-2 (1-3) 460-138836-3 8/8/2017	SB-2 (16-18) 460-138836-4 8/8/2017
1,2,4-Trichlorobenzene	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U
1,2-Dichlorobenzene	1.1	100	0.39 U	0.36 U	0.35 U	0.37 U
1,3-Dichlorobenzene	2.4	49	0.39 U	0.36 U	0.35 U	0.37 U
1,4-Dichlorobenzene	1.8	13	0.39 U	0.36 U	0.35 U	0.37 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U
2,6-Dinitrotoluene	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U
2-Chloronaphthalene	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
2-Methylnaphthalene	NS	NS	0.019 J	0.36 U	0.0092 J	0.37 U
2-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.16 U	0.15 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
4-Bromophenyl phenyl ether	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
4-Chloroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
4-Chlorophenyl phenyl ether	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
4-Nitroaniline	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Acenaphthene	20	100	0.39 U	0.36 U	0.024 J	0.37 U
Acenaphthylene	100	100	0.092 J	0.36 U	0.35 U	0.37 U
Anthracene	100	100	0.047 J	0.36 U	0.053 J	0.37 U
Benzo[a]anthracene	1	1	0.44	0.036 U	0.15	0.037 U
Benzo[a]pyrene	1	1	0.64	0.036 U	0.13	0.037 U
Benzo[b]fluoranthene	1	1	0.85	0.036 U	0.18	0.037 U
Benzo[g,h,i]perylene	100	100	0.54	0.36 U	0.096 J	0.37 U
Benzo[k]fluoranthene	0.8	3.9	0.34	0.036 U	0.08	0.037 U
Bis(2-chloroethoxy)methane	NS	NS	0.012 J	0.36 U	0.35 U	0.37 U
Bis(2-chloroethyl)ether	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U
Bis(2-ethylhexyl) phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Butyl benzyl phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Carbazole	NS	NS	0.027 J	0.36 U	0.029 J	0.37 U
Chrysene	1	3.9	0.63	0.36 U	0.17 J	0.37 U
Dibenz(a,h)anthracene	0.33	0.33	0.13	0.036 U	0.018 J	0.037 U
Dibenzofuran	7	59	0.016 J	0.36 U	0.017 J	0.37 U
Diethyl phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Dimethyl phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Di-n-butyl phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Di-n-octyl phthalate	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Fluoranthene	100	100	0.6	0.36 U	0.31 J	0.049 J
Fluorene	30	100	0.019 J	0.36 U	0.028 J	0.37 U
Hexachlorobenzene	0.33	1.2	0.039 U	0.036 U	0.035 U	0.037 U
Hexachlorobutadiene	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U
Hexachlorocyclopentadiene	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Hexachloroethane	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.49	0.036 U	0.093	0.037 U
Isophorone	NS	NS	0.16 U	0.011 J	0.14 U	0.15 U
Naphthalene	12	100	0.051 J	0.36 U	0.02 J	0.37 U
Nitrobenzene	NS	15 G	0.039 U	0.036 U	0.035 U	0.037 U
N-Nitrosodi-n-propylamine	NS	NS	0.039 U	0.036 U	0.035 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.39 U	0.36 U	0.35 U	0.37 U
Phenanthrene	100	100	0.27 J	0.36 U	0.24 J	0.029 J
Pyrene	100	100	0.71	0.36 U	0.3 J	0.039 J
Total Conc	NS	NS	5.923	0.011	1.9472	0.117

Table 2
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-3 (1-3) 460-138908-1 8/9/2017	SB-3 (17-19) 460-138908-2 8/9/2017	SB-4 (1-3) 460-138908-3 8/9/2017	SB-4 (21-23) 460-138908-4 8/9/2017
1,2,4-Trichlorobenzene	NS	NS	0.034 U	0.034 U	0.037 U	0.038 U
1,2-Dichlorobenzene	1.1	100	0.34 U	0.34 U	0.37 U	0.38 U
1,3-Dichlorobenzene	2.4	49	0.34 U	0.34 U	0.37 U	0.38 U
1,4-Dichlorobenzene	1.8	13	0.34 U	0.34 U	0.37 U	0.38 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
2,4-Dinitrotoluene	NS	NS	0.07 U	0.068 U	0.075 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.07 U	0.068 U	0.075 U	0.076 U
2-Chloronaphthalene	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
2-Methylnaphthalene	NS	NS	0.014 J	0.34 U	0.01 J	2.1
2-Nitroaniline	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U
3-Nitroaniline	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
4-Bromophenyl phenyl ether	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
4-Chloroaniline	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
4-Chlorophenyl phenyl ether	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
4-Nitroaniline	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Acenaphthene	20	100	0.037 J	0.34 U	0.37 U	0.38 U
Acenaphthylene	100	100	0.0096 J	0.34 U	0.37 U	0.38 U
Anthracene	100	100	0.07 J	0.34 U	0.37 U	0.38 U
Benzo[a]anthracene	1	1	0.31	0.034 U	0.12	0.038 U
Benzo[a]pyrene	1	1	0.32	0.034 U	0.13	0.038 U
Benzo[b]fluoranthene	1	1	0.43	0.034 U	0.17	0.038 U
Benzo[g,h,i]perylene	100	100	0.23 J	0.34 U	0.1 J	0.38 U
Benzo[k]fluoranthene	0.8	3.9	0.16	0.034 U	0.073	0.038 U
Bis(2-chloroethoxy)methane	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Bis(2-chloroethyl)ether	NS	NS	0.034 U	0.034 U	0.037 U	0.038 U
Bis(2-ethylhexyl) phthalate	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Butyl benzyl phthalate	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Carbazole	NS	NS	0.045 J	0.34 U	0.021 J	0.38 U
Chrysene	1	3.9	0.35	0.34 U	0.13 J	0.38 U
Dibenz(a,h)anthracene	0.33	0.33	0.085	0.034 U	0.059	0.038 U
Dibenzofuran	7	59	0.024 J	0.34 U	0.37 U	0.38 U
Diethyl phthalate	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Dimethyl phthalate	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Di-n-butyl phthalate	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Di-n-octyl phthalate	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Fluoranthene	100	100	0.69	0.34 U	0.22 J	0.38 U
Fluorene	30	100	0.061 J	0.34 U	0.37 U	0.0091 J
Hexachlorobenzene	0.33	1.2	0.034 U	0.034 U	0.037 U	0.038 U
Hexachlorobutadiene	NS	NS	0.07 U	0.068 U	0.075 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Hexachloroethane	NS	NS	0.034 U	0.034 U	0.037 U	0.038 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.36	0.034 U	0.18	0.038 U
Isophorone	NS	NS	0.14 U	0.14 U	0.15 U	0.15 U
Naphthalene	12	100	0.014 J	0.34 U	0.37 U	2.5
Nitrobenzene	NS	15 G	0.034 U	0.034 U	0.037 U	0.038 U
N-Nitrosodi-n-propylamine	NS	NS	0.034 U	0.034 U	0.037 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	0.34 U	0.34 U	0.37 U	0.38 U
Phenanthrene	100	100	0.61	0.34 U	0.12 J	0.012 J
Pyrene	100	100	0.77	0.34 U	0.21 J	0.38 U
Total Conc	NS	NS	4.5896	0	1.543	4.6211

Table 2
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-5 (2-4) 460-138836-5 8/8/2017	SB-5 (10-12) 460-138836-6 8/8/2017	SB-6 (2-4) 460-138836-7 8/8/2017	SB-6 (9-11) 460-138836-8 8/8/2017
1,2,4-Trichlorobenzene	NS	NS	0.035 U	0.039 U	0.036 U	0.04 U
1,2-Dichlorobenzene	1.1	100	0.35 U	0.39 U	0.36 U	0.4 U
1,3-Dichlorobenzene	2.4	49	0.35 U	0.39 U	0.36 U	0.4 U
1,4-Dichlorobenzene	1.8	13	0.35 U	0.39 U	0.36 U	0.4 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
2,4-Dinitrotoluene	NS	NS	0.072 U	0.08 U	0.073 U	0.081 U
2,6-Dinitrotoluene	NS	NS	0.072 U	0.08 U	0.073 U	0.081 U
2-Chloronaphthalene	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
2-Methylnaphthalene	NS	NS	0.081 J	0.39 U	0.023 J	0.4 U
2-Nitroaniline	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.16 U	0.15 U	0.16 U
3-Nitroaniline	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
4-Bromophenyl phenyl ether	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
4-Chloroaniline	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
4-Chlorophenyl phenyl ether	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
4-Nitroaniline	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Acenaphthene	20	100	0.041 J	0.39 U	0.013 J	0.4 U
Acenaphthylene	100	100	0.031 J	0.39 U	0.06 J	0.4 U
Anthracene	100	100	0.13 J	0.39 U	0.063 J	0.4 U
Benzo[a]anthracene	1	1	0.5	0.039 U	0.43	0.04 U
Benzo[a]pyrene	1	1	0.52	0.039 U	0.5	0.04 U
Benzo[b]fluoranthene	1	1	0.85	0.039 U	0.74	0.04 U
Benzo[g,h,i]perylene	100	100	0.28 J	0.39 U	0.35 J	0.4 U
Benzo[k]fluoranthene	0.8	3.9	0.26	0.039 U	0.29	0.04 U
Bis(2-chloroethoxy)methane	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Bis(2-chloroethyl)ether	NS	NS	0.035 U	0.039 U	0.036 U	0.04 U
Bis(2-ethylhexyl) phthalate	NS	NS	0.026 J	0.39 U	0.36 U	0.4 U
Butyl benzyl phthalate	NS	NS	0.021 J	0.12 J	0.023 J	0.4 U
Carbazole	NS	NS	0.086 J	0.39 U	0.033 J	0.4 U
Chrysene	1	3.9	0.52	0.39 U	0.5	0.4 U
Dibenz(a,h)anthracene	0.33	0.33	0.1	0.039 U	0.11	0.04 U
Dibenzofuran	7	59	0.03 J	0.39 U	0.012 J	0.4 U
Diethyl phthalate	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Dimethyl phthalate	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Di-n-butyl phthalate	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Di-n-octyl phthalate	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Fluoranthene	100	100	0.94	0.39 U	0.81	0.4 U
Fluorene	30	100	0.053 J	0.39 U	0.019 J	0.4 U
Hexachlorobenzene	0.33	1.2	0.035 U	0.039 U	0.036 U	0.04 U
Hexachlorobutadiene	NS	NS	0.072 U	0.08 U	0.073 U	0.081 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Hexachloroethane	NS	NS	0.035 U	0.039 U	0.036 U	0.04 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.43	0.039 U	0.54	0.04 U
Isophorone	NS	NS	0.14 U	0.16 U	0.15 U	0.16 U
Naphthalene	12	100	0.1 J	0.39 U	0.032 J	0.4 U
Nitrobenzene	NS	15 G	0.035 U	0.039 U	0.036 U	0.04 U
N-Nitrosodi-n-propylamine	NS	NS	0.035 U	0.039 U	0.036 U	0.04 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.39 U	0.36 U	0.4 U
Phenanthrene	100	100	0.56	0.39 U	0.36	0.4 U
Pyrene	100	100	0.76	0.39 U	0.73	0.4 U
Total Conc	NS	NS	6.319	0.12	5.638	0

Table 2
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-7 (1-3) 460-138908-5 8/9/2017	SB-7 (8-10) 460-138908-6 8/9/2017	SB-8 (2-4) 460-138836-9 8/8/2017	SB-8 (9-11) 460-138836-10 8/8/2017
1,2,4-Trichlorobenzene	NS	NS	0.036 U	0.037 U	0.035 U	0.04 U
1,2-Dichlorobenzene	1.1	100	0.36 U	0.37 U	0.35 U	0.4 U
1,3-Dichlorobenzene	2.4	49	0.36 U	0.37 U	0.35 U	0.4 U
1,4-Dichlorobenzene	1.8	13	0.36 U	0.37 U	0.35 U	0.4 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
2,4-Dinitrotoluene	NS	NS	0.074 U	0.076 U	0.07 U	0.081 U
2,6-Dinitrotoluene	NS	NS	0.074 U	0.076 U	0.07 U	0.081 U
2-Chloronaphthalene	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
2-Methylnaphthalene	NS	NS	0.013 J	0.37 U	0.35 U	0.4 U
2-Nitroaniline	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
3,3'-Dichlorobenzidine	NS	NS	0.15 U	0.15 U	0.14 U	0.16 U
3-Nitroaniline	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
4-Bromophenyl phenyl ether	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
4-Chloroaniline	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
4-Chlorophenyl phenyl ether	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
4-Nitroaniline	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Acenaphthene	20	100	0.36 U	0.37 U	0.35 U	0.4 U
Acenaphthylene	100	100	0.065 J	0.37 U	0.026 J	0.4 U
Anthracene	100	100	0.36 U	0.37 U	0.35 U	0.4 U
Benzo[a]anthracene	1	1	0.15	0.037 U	0.13	0.04
Benzo[a]pyrene	1	1	0.25	0.037 U	0.19	0.036 J
Benzo[b]fluoranthene	1	1	0.4	0.037 U	0.2	0.048
Benzo[g,h,i]perylene	100	100	0.17 J	0.37 U	0.21 J	0.024 J
Benzo[k]fluoranthene	0.8	3.9	0.1	0.037 U	0.065	0.021 J
Bis(2-chloroethoxy)methane	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Bis(2-chloroethyl)ether	NS	NS	0.036 U	0.037 U	0.035 U	0.04 U
Bis(2-ethylhexyl) phthalate	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Butyl benzyl phthalate	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Carbazole	NS	NS	0.018 J	0.37 U	0.35 U	0.4 U
Chrysene	1	3.9	0.19 J	0.37 U	0.15 J	0.032 J
Dibenz(a,h)anthracene	0.33	0.33	0.063	0.037 U	0.035 U	0.04 U
Dibenzofuran	7	59	0.36 U	0.37 U	0.35 U	0.4 U
Diethyl phthalate	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Dimethyl phthalate	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Di-n-butyl phthalate	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Di-n-octyl phthalate	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Fluoranthene	100	100	0.22 J	0.37 U	0.18 J	0.076 J
Fluorene	30	100	0.36 U	0.37 U	0.35 U	0.4 U
Hexachlorobenzene	0.33	1.2	0.036 U	0.037 U	0.035 U	0.04 U
Hexachlorobutadiene	NS	NS	0.074 U	0.076 U	0.07 U	0.081 U
Hexachlorocyclopentadiene	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Hexachloroethane	NS	NS	0.036 U	0.037 U	0.035 U	0.04 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.25	0.037 U	0.18	0.04 U
Isophorone	NS	NS	0.15 U	0.15 U	0.14 U	0.16 U
Naphthalene	12	100	0.028 J	0.37 U	0.35 U	0.027 J
Nitrobenzene	NS	15 G	0.036 U	0.037 U	0.035 U	0.04 U
N-Nitrosodi-n-propylamine	NS	NS	0.036 U	0.037 U	0.035 U	0.04 U
N-Nitrosodiphenylamine	NS	NS	0.36 U	0.37 U	0.35 U	0.4 U
Phenanthrene	100	100	0.088 J	0.37 U	0.087 J	0.032 J
Pyrene	100	100	0.19 J	0.37 U	0.2 J	0.076 J
Total Conc	NS	NS	2.195	0	1.618	0.412

Table 2
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-9 (1-3) 460-138836-11 8/8/2017	SB-9 (8-10) 460-138836-12 8/8/2017
1,2,4-Trichlorobenzene	NS	NS	0.035 U	0.037 U
1,2-Dichlorobenzene	1.1	100	0.35 U	0.37 U
1,3-Dichlorobenzene	2.4	49	0.35 U	0.37 U
1,4-Dichlorobenzene	1.8	13	0.35 U	0.37 U
2,2'-oxybis[1-chloropropane]	NS	NS	0.35 U	0.37 U
2,4-Dinitrotoluene	NS	NS	0.071 U	0.076 U
2,6-Dinitrotoluene	NS	NS	0.071 U	0.076 U
2-Chloronaphthalene	NS	NS	0.35 U	0.37 U
2-Methylnaphthalene	NS	NS	0.082 J	0.37 U
2-Nitroaniline	NS	NS	0.35 U	0.37 U
3,3'-Dichlorobenzidine	NS	NS	0.14 U	0.15 U
3-Nitroaniline	NS	NS	0.35 U	0.37 U
4-Bromophenyl phenyl ether	NS	NS	0.35 U	0.37 U
4-Chloroaniline	NS	NS	0.35 U	0.37 U
4-Chlorophenyl phenyl ether	NS	NS	0.35 U	0.37 U
4-Nitroaniline	NS	NS	0.35 U	0.37 U
Acenaphthene	20	100	0.35 U	0.37 U
Acenaphthylene	100	100	0.029 J	0.37 U
Anthracene	100	100	0.35 U	0.37 U
Benzo[a]anthracene	1	1	0.15	0.037 U
Benzo[a]pyrene	1	1	0.17	0.037 U
Benzo[b]fluoranthene	1	1	0.24	0.037 U
Benzo[g,h,i]perylene	100	100	0.13 J	0.37 U
Benzo[k]fluoranthene	0.8	3.9	0.093	0.037 U
Bis(2-chloroethoxy)methane	NS	NS	0.35 U	0.37 U
Bis(2-chloroethyl)ether	NS	NS	3.5	0.037 U
Bis(2-ethylhexyl) phthalate	NS	NS	0.35 U	0.37 U
Butyl benzyl phthalate	NS	NS	0.35 U	0.37 U
Carbazole	NS	NS	0.014 J	0.37 U
Chrysene	1	3.9	0.16 J	0.37 U
Dibenz(a,h)anthracene	0.33	0.33	0.052	0.037 U
Dibenzofuran	7	59	0.35 U	0.37 U
Diethyl phthalate	NS	NS	0.35 U	0.37 U
Dimethyl phthalate	NS	NS	0.35 U	0.37 U
Di-n-butyl phthalate	NS	NS	0.35 U	0.37 U
Di-n-octyl phthalate	NS	NS	0.35 U	0.37 U
Fluoranthene	100	100	0.25 J	0.37 U
Fluorene	30	100	0.0091 J	0.37 U
Hexachlorobenzene	0.33	1.2	0.035 U	0.037 U
Hexachlorobutadiene	NS	NS	0.071 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	0.35 U	0.37 U
Hexachloroethane	NS	NS	0.035 U	0.037 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.21	0.037 U
Isophorone	NS	NS	0.14 U	0.15 U
Naphthalene	12	100	0.034 J	0.37 U
Nitrobenzene	NS	15 G	0.035 U	0.037 U
N-Nitrosodi-n-propylamine	NS	NS	0.035 U	0.037 U
N-Nitrosodiphenylamine	NS	NS	0.35 U	0.37 U
Phenanthrene	100	100	0.11 J	0.37 U
Pyrene	100	100	0.26 J	0.37 U
Total Conc	NS	NS	5.4931	0

Table 3
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-1 (2-4) 460-138836-1 8/8/2017 1/4 †	SB-1 (9-11) 460-138836-2 8/8/2017 1/4 †	SB-2 (1-3) 460-138836-3 8/8/2017 1/4 †	SB-2 (16-18) 460-138836-4 8/8/2017 1/4 †	SB-5 (2-4) 460-138836-5 8/8/2017 1/4 †	SB-5 (10-12) 460-138836-6 8/8/2017 1/4 †
Silver	**2**	**180**	2.2 U	2.1 U	2.1 U	2.1 U	2 U	2.3 U
Aluminum	**NS**	**NS**	11,600	9,260	12,900	7,660	11,900	11,000
Antimony	**NS**	**NS**	4.5 U	4.1 U	4.3 U	4.2 U	0.58 J	4.6 U
Arsenic	**13**	**16**	2 J	3.1 U	2.2 J	1.2 J	4.3	1.1 J
Barium	**350**	**400**	78.4	121	119	94.4	122	83
Beryllium	**7.2**	**72**	0.053 J	0.41 U	0.43 U	0.42 U	0.11 J	0.13 J
Cadmium	**2.5**	**4.3**	0.9 U	0.82 U	0.86 U	0.83 U	0.68 J	0.92 U
Calcium	**NS**	**NS**	4,270	2,210	1,770	2,130	34,600	1,700
Chromium	**30*** **	**180*** **	24.9	27	29.1	21.4	21.8	20.6
Cobalt	**NS**	**NS**	7.6 J	8.9 J	9.1 J	9.3 J	7.1 J	8.5 J
Copper	**50**	**270**	38	23.9	24.3	12.4	32.7	21.8
Iron	**NS**	**NS**	19,700	20,000	26,000	14,500	19,600	20,300
Lead	**63**	**400**	40.7	3	18.9	3.8	**295**	5.2
Magnesium	**NS**	**NS**	5,340	4,610	4,320	4,360	11,200	4,240
Manganese	**1,600**	**2,000**	440	314	405	173	307	288
Mercury	**0.18**	**0.81**	0.095	0.018 U	0.021	0.018 U	0.099	0.02 U
Nickel	**30**	**310**	16.4	17.1	19.3	16.1	17.9	16.3
Potassium	**NS**	**NS**	2,080	3,090	2,600	2,120	1,790	2,430
Selenium	**3.9**	**180**	4.5 U	4.1 U	4.3 U	4.2 U	4 U	4.6 U
Sodium	**NS**	**NS**	383 J	346 J	574 J	127 J	171 J	235 J
Thallium	**NS**	**NS**	4.5 U	4.1 U	4.3 U	4.2 U	4 U	4.6 U
Vanadium	**NS**	**NS**	35.3	33.9	40.3	29.3	34.2	34.9
Zinc	**109**	**10,000**	**568**	47.9	60.1	42.7	**247**	41.7

† ***Dilution factor varies***

Table 3
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-6 (2-4) 460-138836-7 8/8/2017 1/4 †	SB-6 (9-11) 460-138836-8 8/8/2017 1/4 †	SB-8 (2-4) 460-138836-9 8/8/2017 1/4 †	SB-8 (9-11) 460-138836-10 8/8/2017 1/4 †	SB-9 (1-3) 460-138836-11 8/8/2017 1/4 †	SB-9 (8-10) 460-138836-12 8/8/2017 1/4 †
Silver	2	180	2.1 U	2.3 U	2 U	2.4 U	2 U	2.1 U
Aluminum	NS	NS	16,300	19,900	18,000	13,200	12,300	10,200
Antimony	NS	NS	4.1 U	4.6 U	4 U	4.8 U	4.1 U	4.2 U
Arsenic	13	16	2.4 J	3.4 U	3.2	3.6 U	2.3 J	3.1 U
Barium	350	400	101	168	128	122	136	139
Beryllium	7.2	72	0.11 J	0.46 U	0.2 J	0.48 U	0.061 J	0.42 U
Cadmium	2.5	4.3	0.82 U	0.91 U	0.8 U	0.97 U	0.81 U	0.83 U
Calcium	NS	NS	2,190	1,420	3,850	2,260	8,530	2,350
Chromium	30***	180***	**33.8**	**36.8**	**31.4**	27.6	25.4	21.8
Cobalt	NS	NS	9.6 J	13.8	12.5	11.7 J	8.5 J	8.7 J
Copper	50	270	23.5	30	25.9	25.5	29.8	16.7
Iron	NS	NS	21,900	35,500	26,600	26,700	21,600	14,700
Lead	63	400	**77.9**	5.3	32.5	5.9	**92.1**	5
Magnesium	NS	NS	6,090	9,190	10,100	6,370	6,210	4,520
Manganese	1,600	2,000	374	595	489	294	361	277
Mercury	0.18	0.81	0.021	0.021 U	0.065	0.02 U	0.098	0.019 U
Nickel	30	310	22.2	28.9	19.6	25.2	18.6	18.7
Potassium	NS	NS	1,490	7,410	2,790	5,050	2,350	3,280
Selenium	3.9	180	4.1 U	4.6 U	4 U	4.8 U	4.1 U	4.2 U
Sodium	NS	NS	393 J	495 J	1000 U	101 J	223 J	193 J
Thallium	NS	NS	4.1 U	4.6 U	4 U	4.8 U	4.1 U	4.2 U
Vanadium	NS	NS	40.2	57.7	42.7	40	42.6	24.2
Zinc	109	10,000	67	82.5	76.6	61.7	103	45.8

† ***Dilution factor varies***

Table 3
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Metals

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-3 (1-3) 460-138908-1 8/9/2017 1/4 †	SB-3 (17-19) 460-138908-2 8/9/2017 1/4/20 †	SB-4 (1-3) 460-138908-3 8/9/2017 1/4 †	SB-4 (21-23) 460-138908-4 8/9/2017 1/4 †	SB-7 (1-3) 460-138908-5 8/9/2017 1/4 †	SB-7 (8-10) 460-138908-6 8/9/2017 1/4 †
Silver	2	180	1.7 U	1.7 U	1.7 U	1.8 U	1.7 U	1.7 U
Aluminum	NS	NS	12,300	9,940	11,800	8,080	8,880	5,800
Antimony	NS	NS	3.4 U	16.5 U	3.4 U	3.5 U	3.4 U	3.4 U
Arsenic	13	16	2.5 J	0.65 J	2.4 J	1.2 J	2.4 J	2.6 U
Barium	350	400	102	60.6	109	93.4	68.5	40.2
Beryllium	7.2	72	0.47	0.58	0.44	0.28 J	0.35	0.25 J
Cadmium	2.5	4.3	0.69 U	0.66 U	0.69 U	0.71 U	0.68 U	0.68 U
Calcium	NS	NS	3,640	3,630	6,350	1,230	10,200	1,270
Chromium	30***	180***	23.4	29.7	29.1	15.6	19.1	12.5
Cobalt	NS	NS	7.2 J	6.9 J	8.8	7.2 J	5.5 J	4.5 J
Copper	50	270	20.7	10.8	36.2	9.9	18.9	8.8
Iron	NS	NS	18,900	18,900	26,700	15,100	14,900	14,000
Lead	63	400	52.5	1.5 J	43.3	6.1	**67.3**	2.8
Magnesium	NS	NS	5,450	4,440	5,650	3,250	4,890	2,450
Manganese	1,600	2,000	296	163	573	195	302	269
Mercury	0.18	0.81	0.032	0.016 U	0.03	0.018 U	**0.48**	0.018 U
Nickel	30	310	15.1	10.2	19.4	12.5	13.1	9.7
Potassium	NS	NS	2,110	5,460	2,470	1,890	1,420	1,120
Selenium	3.9	180	3.4 U	3.3 U	3.4 U	3.5 U	3.4 U	3.4 U
Sodium	NS	NS	146 J	271 J	1,580	456 J	175 J	82.7 J
Thallium	NS	NS	3.4 U	3.3 U	3.4 U	3.5 U	3.4 U	3.4 U
Vanadium	NS	NS	32.8	38.6	37.6	21	24.3	15.8
Zinc	109	10,000	68.3	30.8	71	33.7	53.3	27.2

† ***Dilution factor varies***

Table 4
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-1 (2-4) 460-138836-1 8/8/2017	SB-1 (9-11) 460-138836-2 8/8/2017	SB-2 (1-3) 460-138836-3 8/8/2017	SB-2 (16-18) 460-138836-4 8/8/2017	SB-3 (1-3) 460-138908-1 8/9/2017	SB-3 (17-19) 460-138908-2 8/9/2017
Aroclor 1016	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1221	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1232	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1242	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1248	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1254	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1260	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1262	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Aroclor 1268	NS	NS	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U
Polychlorinated biphenyls, Total	0.1	1	0.079 U	0.074 U	0.072 U	0.075 U	0.07 U	0.068 U

Table 4
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-4 (1-3) 460-138908-3 8/9/2017	SB-4 (21-23) 460-138908-4 8/9/2017	SB-5 (2-4) 460-138836-5 8/8/2017	SB-5 (10-12) 460-138836-6 8/8/2017	SB-6 (2-4) 460-138836-7 8/8/2017	SB-6 (9-11) 460-138836-8 8/8/2017
Aroclor 1016	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1221	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1232	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1242	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1248	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1254	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1260	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1262	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Aroclor 1268	NS	NS	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U
Polychlorinated biphenyls, Total	0.1	1	0.075 U	0.076 U	0.072 U	0.08 U	0.074 U	0.081 U

Table 4
Hamilton Green
White Plains, NY
Phase II Investigation Soil Analytical Results
Polychlorinated Biphenyls

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Part 375 Unrestricted SCO mg/kg	NYSDEC Part 375 Restricted Residential SCO mg/kg	SB-7 (1-3) 460-138908-5 8/9/2017	SB-7 (8-10) 460-138908-6 8/9/2017	SB-8 (2-4) 460-138836-9 8/8/2017	SB-8 (9-11) 460-138836-10 8/8/2017	SB-9 (1-3) 460-138836-11 8/8/2017	SB-9 (8-10) 460-138836-12 8/8/2017
Aroclor 1016	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1221	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1232	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1242	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1248	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1254	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1260	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1262	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Aroclor 1268	NS	NS	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U
Polychlorinated biphenyls, Total	0.1	1	0.074 U	0.076 U	0.071 U	0.081 U	0.071 U	0.076 U

Table 5
Hamilton Green
White Plains, NY
Phase II Investigation Groundwater Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	GT-1	GT-2	GT-3
Lab Sample ID	Class GA	460-139067-5	460-139067-6	460-139067-7
Date Sampled	Ambient	8/10/2017	8/10/2017	8/10/2017
Dilution	Standard	1	10	1
Analyte	µg/L			
1,1,1-Trichloroethane	5	1 U	10 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	10 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1 U	10 U	1 U
1,1,2-Trichloroethane	1	1 U	10 U	1 U
1,1-Dichloroethane	5	1 U	10 U	1 U
1,1-Dichloroethene	5	1 U	10 U	1 U
1,2,3-Trichlorobenzene	5	1 U	10 U	1 U
1,2,4-Trichlorobenzene	5	1 U	10 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	10 U	1 U
1,2-Dichlorobenzene	3	1 U	10 U	1 U
1,2-Dichloroethane	0.6	1 U	10 U	1 U
1,2-Dichloropropane	1	1 U	10 U	1 U
1,3-Dichlorobenzene	3	1 U	10 U	1 U
1,4-Dichlorobenzene	3	1 U	10 U	1 U
1,4-Dioxane	NS	50 U	500 U	50 U
2-Butanone (MEK)	50	5 U	50 U	5 U
2-Hexanone	50	5 U	50 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	5 U	50 U	5 U
Acetone	50	5 U	50 U	5 U
Benzene	1	1 U	10 U	1 U
Bromoform	50	1 U	10 U	1 U
Bromomethane	5	1 U	10 U	1 U
Carbon disulfide	60	0.6 J	10 U	1 U
Carbon tetrachloride	5	1 U	10 U	1 U
Chlorobenzene	5	1 U	10 U	1 U
Chlorobromomethane	5	1 U	10 U	1 U
Chlorodibromomethane	50	1 U	10 U	1 U
Chloroethane	5	1 U	10 U	1 U
Chloroform	7	1 U	10 U	1 U
Chloromethane	5	1 U	10 U	1 U
cis-1,2-Dichloroethene	5	1 U	10 U	1 U
cis-1,3-Dichloropropene	0.4 TS	1 U	10 U	1 U
Cyclohexane	NS	1 U	10 U	1 U
Dichlorobromomethane	50	1 U	10 U	1 U
Dichlorodifluoromethane	5	1 U	10 U	1 U
Ethylbenzene	5	1 U	10 U	1 U
Ethylene Dibromide	0.0006	1 U	10 U	1 U
Isopropylbenzene	5	1 U	10 U	1 U
Methyl acetate	NS	5 U	50 U	5 U
Methyl tert-butyl ether	10	1 U	**2,000**	1 U
Methylcyclohexane	NS	1 U	10 U	1 U
Methylene Chloride	5	1 U	10 U	1 U
m-Xylene & p-Xylene	5	1 U	10 U	1 U
o-Xylene	5	1 U	10 U	1 U
Styrene	5	1 U	10 U	1 U
Tetrachloroethene	5	1 U	10 U	1 U
Toluene	5	1 U	10 U	1 U
trans-1,2-Dichloroethene	5	1 U	10 U	1 U
trans-1,3-Dichloropropene	0.4 TS	1 U	10 U	1 U
Trichloroethene	5	1 U	10 U	1 U
Trichlorofluoromethane	5	1 U	10 U	1 U
Vinyl chloride	2	1 U	10 U	1 U
Total Conc	NS	0.6	2,000	0

Table 5
Hamilton Green
White Plains, NY
Phase II Investigation Groundwater Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	GT-4	GW-3	GW-4
Lab Sample ID	Class GA	460-139067-8	460-139067-3	460-139067-4
Date Sampled	Ambient	8/10/2017	8/10/2017	8/10/2017
Dilution	Standard	1	1	1
Analyte	µg/L			
1,1,1-Trichloroethane	5	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U
1,4-Dioxane	NS	50 U	50 U	50 U
2-Butanone (MEK)	50	5 U	3.8 J	5 U
2-Hexanone	50	5 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	5 U	5 U	5 U
Acetone	50	5 U	11	5 U
Benzene	1	1 U	0.69 J	1 U
Bromoform	50	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U
Carbon disulfide	60	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U
Chlorobromomethane	5	1 U	1 U	1 U
Chlorodibromomethane	50	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U
Chloroform	7	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U
cis-1,3-Dichloropropene	0.4 TS	1 U	1 U	1 U
Cyclohexane	NS	1 U	16	1 U
Dichlorobromomethane	50	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U
Ethylbenzene	5	1 U	**5.2**	1 U
Ethylene Dibromide	0.0006	1 U	1 U	1 U
Isopropylbenzene	5	1 U	1.4	1 U
Methyl acetate	NS	5 U	5 U	5 U
Methyl tert-butyl ether	10	1 U	0.82 J	1 U
Methylcyclohexane	NS	1 U	5.1	1 U
Methylene Chloride	5	1 U	1 U	1 U
m-Xylene & p-Xylene	5	1 U	3.8	1 U
o-Xylene	5	1 U	2.8	1 U
Styrene	5	1 U	1 U	1 U
Tetrachloroethene	5	1 U	1 U	1 U
Toluene	5	1 U	1.3	1 U
trans-1,2-Dichloroethene	5	1 U	1 U	1 U
trans-1,3-Dichloropropene	0.4 TS	1 U	1 U	1 U
Trichloroethene	5	1 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	1 U
Total Conc	NS	0	51.91	0

Table 5
Hamilton Green
White Plains, NY
Phase II Investigation Groundwater Analytical Results
Volatile Organic Compounds

Client ID	NYSDEC	TW-1	TW-2	TRIP BLANK
Lab Sample ID	Class GA	460-139067-1	460-139067-2	460-139067-9
Date Sampled	Ambient	8/9/2017	8/9/2017	8/10/2017
Dilution	Standard	5	1	1
Analyte	µg/L			
1,1,1-Trichloroethane	5	5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	5 U	1 U	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	5 U	1 U	1 U
1,1,2-Trichloroethane	1	5 U	1 U	1 U
1,1-Dichloroethane	5	5 U	1 U	1 U
1,1-Dichloroethene	5	5 U	1 U	1 U
1,2,3-Trichlorobenzene	5	5 U	1 U	1 U
1,2,4-Trichlorobenzene	5	5 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	5 U	1 U	1 U
1,2-Dichlorobenzene	3	5 U	1 U	1 U
1,2-Dichloroethane	0.6	5 U	1 U	1 U
1,2-Dichloropropane	1	5 U	1 U	1 U
1,3-Dichlorobenzene	3	5 U	1 U	1 U
1,4-Dichlorobenzene	3	5 U	1 U	1 U
1,4-Dioxane	NS	250 U	50 U	50 U
2-Butanone (MEK)	50	25 U	5 U	5 U
2-Hexanone	50	25 U	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NS	25 U	5 U	5 U
Acetone	50	25 U	5 U	38
Benzene	1	**14**	1 U	1 U
Bromoform	50	5 U	1 U	1 U
Bromomethane	5	5 U	1 U	1 U
Carbon disulfide	60	5 U	1 U	1 U
Carbon tetrachloride	5	5 U	1 U	1 U
Chlorobenzene	5	5 U	1 U	1 U
Chlorobromomethane	5	5 U	1 U	1 U
Chlorodibromomethane	50	5 U	1 U	1 U
Chloroethane	5	5 U	1 U	1 U
Chloroform	7	5 U	0.57 J	1 U
Chloromethane	5	5 U	1 U	1 U
cis-1,2-Dichloroethene	5	5 U	1 U	1 U
cis-1,3-Dichloropropene	0.4 TS	5 U	1 U	1 U
Cyclohexane	NS	300	1 U	1 U
Dichlorobromomethane	50	5 U	1 U	1 U
Dichlorodifluoromethane	5	5 U	1 U	1 U
Ethylbenzene	5	**150**	1 U	1 U
Ethylene Dibromide	0.0006	5 U	1 U	1 U
Isopropylbenzene	5	**35**	1 U	1 U
Methyl acetate	NS	25 U	5 U	5 U
Methyl tert-butyl ether	10	**260**	**23**	1 U
Methylcyclohexane	NS	440	1 U	1 U
Methylene Chloride	5	5 U	1 U	0.73 J
m-Xylene & p-Xylene	5	**46**	1 U	1 U
o-Xylene	5	4.4 J	1 U	1 U
Styrene	5	5 U	1 U	1 U
Tetrachloroethene	5	5 U	1 U	1 U
Toluene	5	**6.1**	1 U	1 U
trans-1,2-Dichloroethene	5	5 U	1 U	1 U
trans-1,3-Dichloropropene	0.4 TS	5 U	1 U	1 U
Trichloroethene	5	5 U	0.38 J	1 U
Trichlorofluoromethane	5	5 U	1 U	1 U
Vinyl chloride	2	5 U	1 U	1 U
Total Conc	NS	1,255.50	23.95	38.73

Table 6
Hamilton Green
White Plains, NY
Phase II Investigation Groundwater Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Class GA Ambient Standard µg/L	GT-1 460-139067-5 8/10/2017	GT-2 460-139067-6 8/10/2017	GT-3 460-139067-7 8/10/2017	GT-4 460-139067-8 8/10/2017
2,2'-oxybis[1-chloropropane]	5	12 U	12 U	10 U	11 U
1,2,4-Trichlorobenzene	5	1.2 U	1.2 U	1 U	1.1 U
1,2-Dichlorobenzene	3	12 U	12 U	10 U	11 U
1,3-Dichlorobenzene	3	12 U	12 U	10 U	11 U
1,4-Dichlorobenzene	3	12 U	12 U	10 U	11 U
2,4-Dinitrotoluene	5	2.4 U	2.4 U	2.1 U	2.1 U
2,6-Dinitrotoluene	5	2.4 U	2.4 U	2.1 U	2.1 U
2-Chloronaphthalene	NS	12 U	12 U	10 U	11 U
2-Methylnaphthalene	NS	12 U	12 U	10 U	11 U
2-Nitroaniline	5	12 U	12 U	10 U	11 U
3,3'-Dichlorobenzidine	5	12 U	12 U	10 U	11 U
3-Nitroaniline	5	12 U	12 U	10 U	11 U
4-Bromophenyl phenyl ether	NS	12 U	12 U	10 U	11 U
4-Chloroaniline	5	12 U *	12 U *	10 U *	11 U *
4-Chlorophenyl phenyl ether	NS	12 U	12 U	10 U	11 U
4-Nitroaniline	5	12 U	12 U	10 U	11 U
Acenaphthene	NS	12 U	12 U	10 U	11 U
Acenaphthylene	NS	12 U	12 U	10 U	11 U
Anthracene	50	12 U	12 U	10 U	11 U
Benzo[a]anthracene	0.002	1.2 U	1.2 U	1 U	1.1 U
Benzo[a]pyrene	ND	1.2 U	1.2 U	1 U	1.1 U
Benzo[b]fluoranthene	0.002	1.2 U	1.2 U	1 U	1.1 U
Benzo[g,h,i]perylene	NS	12 U	12 U	10 U	11 U
Benzo[k]fluoranthene	0.002	1.2 U	1.2 U	1 U	1.1 U
Bis(2-chloroethoxy)methane	5	12 U	12 U	10 U	11 U
Bis(2-chloroethyl)ether	1	1.2 U	1.2 U	1 U	1.1 U
Bis(2-ethylhexyl) phthalate	5	2.4 U	2.4 U	2.1 U	2.1 U
Butyl benzyl phthalate	50	12 U	12 U	10 U	11 U
Carbazole	NS	12 U	12 U	10 U	11 U
Chrysene	0.002	2.4 U	2.4 U	2.1 U	2.1 U
Dibenz(a,h)anthracene	NS	1.2 U	1.2 U	1 U	1.1 U
Dibenzofuran	NS	12 U	12 U	10 U	11 U
Diethyl phthalate	50	12 U	12 U	10 U	11 U
Dimethyl phthalate	50	12 U	12 U	10 U	11 U
Di-n-butyl phthalate	50	12 U	12 U	1.1 J	11 U
Di-n-octyl phthalate	50	12 U	12 U	10 U	11 U
Fluoranthene	50	12 U	12 U	10 U	11 U
Fluorene	50	12 U	12 U	10 U	11 U
Hexachlorobenzene	0.04	1.2 U	1.2 U	1 U	1.1 U
Hexachlorobutadiene	0.5	1.2 U	1.2 U	1 U	1.1 U
Hexachlorocyclopentadiene	5	12 U *	12 U *	10 U *	11 U *
Hexachloroethane	5	1.2 U	1.2 U	1 U	1.1 U
Indeno[1,2,3-cd]pyrene	0.002	1.2 U	1.2 U	1 U	1.1 U
Isophorone	50	12 U	12 U	10 U	11 U
Naphthalene	NS	12 U	12 U	10 U	11 U
Nitrobenzene	0.4	1.2 U	1.2 U	1 U	1.1 U
N-Nitrosodi-n-propylamine	NS	1.2 U	1.2 U	1 U	1.1 U
N-Nitrosodiphenylamine	50	12 U	12 U	10 U	11 U
Phenanthrene	50	12 U	12 U	10 U	11 U
Pyrene	50	12 U	12 U	10 U	11 U
Total Conc	NS	0	0	1.1	0

Table 6
Hamilton Green
White Plains, NY
Phase II Investigation Groundwater Analytical Results
Semivolatile Organic Compounds

Client ID Lab Sample ID Date Sampled Analyte	NYSDEC Class GA Ambient Standard µg/L	GW-3 460-139067-3 8/10/2017	TW-1 460-139067-1 8/9/2017	TW-2 460-139067-2 8/9/2017
2,2'-oxybis[1-chloropropane]	5	13 U	10 U	10 U
1,2,4-Trichlorobenzene	5	1.3 U	1 U	1 U
1,2-Dichlorobenzene	3	13 U	10 U	10 U
1,3-Dichlorobenzene	3	13 U	10 U	10 U
1,4-Dichlorobenzene	3	13 U	10 U	10 U
2,4-Dinitrotoluene	5	2.5 U	2 U	2.1 U
2,6-Dinitrotoluene	5	2.5 U	2 U	2.1 U
2-Chloronaphthalene	NS	13 U	10 U	10 U
2-Methylnaphthalene	NS	13 U	10	10 U
2-Nitroaniline	5	13 U	10 U	10 U
3,3'-Dichlorobenzidine	5	13 U	10 U	10 U
3-Nitroaniline	5	13 U	10 U	10 U
4-Bromophenyl phenyl ether	NS	13 U	10 U	10 U
4-Chloroaniline	5	13 U *	10 U *	10 U *
4-Chlorophenyl phenyl ether	NS	13 U	10 U	10 U
4-Nitroaniline	5	13 U	10 U	10 U
Acenaphthene	NS	13 U	10 U	10 U
Acenaphthylene	NS	13 U	10 U	10 U
Anthracene	50	13 U	10 U	10 U
Benzo[a]anthracene	0.002	1.3 U	1 U	1 U
Benzo[a]pyrene	ND	1.3 U	1 U	1 U
Benzo[b]fluoranthene	0.002	1.3 U	1 U	1 U
Benzo[g,h,i]perylene	NS	13 U	10 U	10 U
Benzo[k]fluoranthene	0.002	1.3 U	1 U	1 U
Bis(2-chloroethoxy)methane	5	13 U	10 U	10 U
Bis(2-chloroethyl)ether	1	1.3 U	1 U	1 U
Bis(2-ethylhexyl) phthalate	5	2.5 U	2 U	2.1 U
Butyl benzyl phthalate	50	13 U	10 U	10 U
Carbazole	NS	13 U	10 U	10 U
Chrysene	0.002	2.5 U	2 U	2.1 U
Dibenz(a,h)anthracene	NS	1.3 U	1 U	1 U
Dibenzofuran	NS	13 U	10 U	10 U
Diethyl phthalate	50	13 U	10 U	10 U
Dimethyl phthalate	50	13 U	10 U	10 U
Di-n-butyl phthalate	50	13 U	10 U	0.98 J
Di-n-octyl phthalate	50	13 U	10 U	10 U
Fluoranthene	50	13 U	10 U	10 U
Fluorene	50	13 U	10 U	10 U
Hexachlorobenzene	0.04	1.3 U	1 U	1 U
Hexachlorobutadiene	0.5	1.3 U	1 U	1 U
Hexachlorocyclopentadiene	5	13 U *	10 U *	10 U *
Hexachloroethane	5	1.3 U	1 U	1 U
Indeno[1,2,3-cd]pyrene	0.002	1.3 U	1 U	1 U
Isophorone	50	13 U	10 U	10 U
Naphthalene	NS	13 U	47	10 U
Nitrobenzene	0.4	1.3 U	1 U	1 U
N-Nitrosodi-n-propylamine	NS	1.3 U	1 U	1 U
N-Nitrosodiphenylamine	50	13 U	10 U	10 U
Phenanthrene	50	13 U	10 U	10 U
Pyrene	50	13 U	10 U	10 U
Total Conc	NS	0	57	0.98

Table 7
Hamilton Green
White Plains, NY
Phase II Investigation Soil Vapor Analytical Results
Volatile Organic Compounds

Client ID Lab Sample ID Date Sampled Dilution Analyte	NYSDOH 2006 Soil Vapor Intrusion Air Guidance Value µg/m³	NYSDOH 2003 Soil Vapor Indoor Upper Fence µg/m³	EPA 2001 BASE 90th Percentile Indoor µg/m³	SV-1 200-39689-1 8/8/2017 8	SV-2 200-39689-2 8/8/2017 13.1	SV-3 200-39689-3 8/9/2017 6	SV-4 200-39689-4 8/9/2017 1	SV-5 200-39689-5 8/9/2017 10	AA-1 200-39689-6 8/9/2017 1
1,1,1-Trichloroethane	NS	2.5	20.6	8.7 U	14 U	6.5 U	1.1 U	11 U	1.1 U
1,1,2,2-Tetrachloroethane	NS	0.4	NS	11 U	18 U	8.2 U	1.4 U	14 U	1.4 U
1,1,2-Trichloroethane	NS	0.4	<1.5	8.7 U	14 U	6.5 U	1.1 U	11 U	1.1 U
1,1-Dichloroethane	NS	0.4	<0.7	6.5 U	11 U	4.9 U	0.81 U	8.1 U	0.81 U
1,1-Dichloroethene	NS	0.4	<1.4	6.3 U	10 U	4.8 U	0.79 U	7.9 U	0.79 U
1,2,4-Trichlorobenzene	NS	0.5	<6.8	30 U	49 U	22 U	3.7 U	37 U	3.7 U
1,2,4-Trimethylbenzene	NS	9.8	9.5	7.9 U	13 U	5.9 U	6.8	9.8 U	0.98 U
1,2-Dibromoethane	NS	0.4	<1.5	12 U	20 U	9.2 U	1.5 U	15 U	1.5 U
1,2-Dichlorobenzene	NS	0.5	<1.2	9.6 U	16 U	7.2 U	1.2 U	12 U	1.2 U
1,2-Dichloroethane	NS	0.4	<0.9	6.5 U	11 U	4.9 U	0.81 U	8.1 U	0.81 U
1,2-Dichloroethene, Total	NS	NS	NS	13 U	21 U	9.5 U	1.6 U	16 U	1.6 U
1,2-Dichloropropane	NS	0.4	<1.6	7.4 U	12 U	5.5 U	0.92 U	9.2 U	0.92 U
1,2-Dichlorotetrafluoroethane	NS	0.4	<6.8	11 U	18 U	8.4 U	1.4 U	14 U	1.4 U
1,3,5-Trimethylbenzene	NS	3.9	3.7	7.9 U	13 U	5.9 U	2.8	9.8 U	0.98 U
1,3-Butadiene	NS	NS	<3.0	7.2	87	2.7 U	0.44 U	5.4	0.44 U
1,3-Dichlorobenzene	NS	0.5	<2.4	9.6 U	16 U	7.2 U	1.2 U	12 U	1.2 U
1,4-Dichlorobenzene	NS	1.2	5.5	9.6 U	16 U	7.2 U	1.2 U	12 U	1.2 U
1,4-Dioxane	NS	NS	NS	140 U	240 U	110 U	18 U	180 U	18 U
2,2,4-Trimethylpentane	NS	5	NS	25	15	5.6 U	0.93 U	9.3 U	0.93 U
2-Chlorotoluene	NS	NS	NS	8.3 U	14 U	6.2 U	1 U	10 U	1 U
3-Chloropropene	NS	NS	NS	13 U	21 U	9.4 U	1.6 U	16 U	1.6 U
4-Ethyltoluene	NS	NS	3.6	7.9 U	13 U	5.9 U	3.2	9.8 U	0.98 U
4-Isopropyltoluene	NS	NS	NS	8.8 U	14 U	6.6 U	1.1 U	11 U	1.1 U
Acetone	NS	115	98.9	170	170	270	41	750	12 U
Benzene	NS	13	9.4	11	52	3.8 U	2.9	6.4 U	0.64 U
Benzyl chloride	NS	NS	<6.8	8.3 U	14 U	6.2 U	1 U	10 U	1 U
Bromodichloromethane	NS	NS	NS	11 U	18 U	8 U	1.3 U	13 U	1.3 U
Bromoethene(Vinyl Bromide)	NS	NS	NS	7 U	11 U	5.2 U	0.87 U	8.7 U	0.87 U
Bromoform	NS	NS	NS	17 U	27 U	12 U	2.1 U	21 U	2.1 U
Bromomethane	NS	0.5	<1.7	6.2 U	10 U	4.7 U	0.78 U	7.8 U	0.78 U
Carbon disulfide	NS	NS	4.2	12 U	100	9.3 U	1.6 U	16 U	1.6 U
Carbon tetrachloride	NS	1.3	<1.3	2 U	3.3 U	1.5 U	0.25 U	2.5 U	0.33
Chlorobenzene	NS	0.4	<0.9	7.4 U	12 U	5.5 U	0.92 U	9.2 U	0.92 U
Chloroethane	NS	0.4	<1.1	11 U	17 U	7.9 U	1.3 U	13 U	1.3 U
Chloroform	NS	1.2	1.1	7.8 U	13 U	5.9 U	1.2	10	0.98 U
Chloromethane	NS	4.2	3.7	8.3 U	20	6.2 U	1 U	10 U	1 U
cis-1,2-Dichloroethene	NS	0.4	<1.9	6.3 U	10 U	4.8 U	0.79 U	7.9 U	0.79 U
cis-1,3-Dichloropropene	NS	0.4	<2.3	7.3 U	12 U	5.4 U	0.91 U	9.1 U	0.91 U
Cumene	NS	0.8	NS	7.9 U	13 U	5.9 U	0.98 U	13	0.98 U
Cyclohexane	NS	6.3	NS	5.5 U	18	26	0.69 U	6.9 U	0.69 U
Dibromochloromethane	NS	NS	NS	14 U	22 U	10 U	1.7 U	17 U	1.7 U
Dichlorodifluoromethane	NS	10	16.5	20 U	32 U	15 U	2.5 U	25 U	2.5 U
Ethylbenzene	NS	6.4	5.7	50	38	5.2 U	4	10	0.87 U
Freon 22	NS	NS	NS	14 U	23 U	18	3.8	24	1.8 U
Freon TF	NS	2.5	3.5	12 U	20 U	9.2 U	1.5 U	15 U	1.5 U
Hexachlorobutadiene	NS	0.5	<6.8	17 U	28 U	13 U	2.1 U	21 U	2.1 U
Isopropyl alcohol	NS	NS	250	98 U	160 U	74 U	12 U	120 U	12 U
m,p-Xylene	NS	11	22.2	18	28 U	13 U	2.9	22 U	2.2 U
Methyl Butyl Ketone (2-Hexanone)	NS	NS	NS	16 U	27 U	12 U	2.7	20 U	2 U
Methyl Ethyl Ketone	NS	16	12	36	44	18	11	26	1.5 U
methyl isobutyl ketone	NS	1.9	6	16 U	27 U	12 U	2 U	20 U	2 U
Methyl methacrylate	NS	0.4	NS	16 U	27 U	12 U	2 U	20 U	2 U
Methyl tert-butyl ether	NS	14	11.5	5.8 U	9.4 U	4.3 U	0.72 U	7.2 U	0.72 U
Methylene Chloride	60	16	10	14 U	23 U	**240**	1.7 U	53	1.7 U
Naphthalene	NS	NS	5.1	21 U	34 U	16 U	2.6 U	26 U	2.6 U
n-Butane	NS	NS	NS	19	730	48	2.5	31	1.2 U
n-Butylbenzene	NS	1.1	NS	8.8 U	14 U	6.6 U	1.1 U	11 U	1.1 U
n-Heptane	NS	18	NS	12	240	8	0.82 U	17	0.82 U
n-Hexane	NS	14	10.2	40	590	350	1.3	100	0.7 U
n-Propylbenzene	NS	1.5	NS	8.6	13 U	5.9 U	1.7	9.8 U	0.98 U
o-Xylene	NS	7.1	7.9	7.4	11 U	5.2 U	1.3	8.7 U	0.87 U
sec-Butylbenzene	NS	1.2	NS	8.8 U	14 U	6.6 U	1.1 U	11 U	1.1 U
Styrene	NS	1.4	1.9	6.8 U	11 U	5.1 U	0.85 U	8.5 U	0.85 U
tert-Butyl alcohol	NS	NS	NS	120 U	200 U	91 U	15 U	150 U	15 U
tert-Butylbenzene	NS	1.3	NS	8.8 U	14 U	6.6 U	1.1 U	11 U	1.1 U
Tetrachloroethene	30	2.5	15.9	11 U	18 U	8.1 U	1.4 U	14 U	1.4 U
Tetrahydrofuran	NS	0.8	NS	120 U	190 U	88 U	15 U	150 U	15 U
Toluene	NS	57	43	23	23	250	6	45	0.75 U
trans-1,2-Dichloroethene	NS	NS	NS	6.3 U	10 U	4.8 U	0.79 U	7.9 U	0.79 U
trans-1,3-Dichloropropene	NS	NC	<1.3	7.3 U	12 U	5.4 U	0.91 U	9.1 U	0.91 U
Trichloroethene	2	0.5	4.2	1.7 U	2.8 U	**69**	0.24	**13**	0.21 U
Trichlorofluoromethane	NS	12	18.1	9 U	15 U	6.7 U	2.2	11 U	1.1 U
Vinyl chloride	NS	0.4	<1.9	0.82 U	1.3 U	0.61 U	0.1 U	1 U	0.1 U
Xylene (total)	NS	NS	NS	26	40 U	18 U	4.2	30 U	3 U

Tables 1-7
Hamilton Green
White Plains, NY
Phase II Investigation Analytical Results
Notes

GENERAL

NS : No standard.

U : The analyte was not detected at the indicated concentration.

J : The concentration given is an estimated value.

TS : Value represents a sum total standard.

G : This standard reflects the Supplemental Soil Clean-up Objectives listed in Table 1 of NYSDEC "CP-51/Soil Cleanup Guidance."

***** : LCS or LCSD is outside acceptance limits.

SOIL

Part 375 Soil Cleanup Objectives : Soil Cleanup Objectives listed in NYSDEC (New York State Department of Environmental Conservation) "Part 375" Regulations (6 NYCRR Part 375).

mg/kg : milligrams per kilogram = parts per million (ppm)

Metals

******* : Standard reflects trivalent, not total, Chromium.

Exceedances of Part 375 Unrestricted Soil Cleanup Objectives (UUSCO) are highlighted in bold font.
Exceedances of Part 375 Restricted Residential Soil Cleanup Objectives (RRSCO) are highlighted in gray.

GROUNDWATER

NYSDEC Class GA Ambient Standard : New York State Department of Environmental Conservation Technical and Operational Guidance Series (1.1.1): Class GA Ambient Water Quality Standards and Guidance Values.

µg/L : micrograms per Liter = parts per billion (ppb)

ND : The standard is No Detect.

Exceedances of NYSDEC Class GA Ambient Standards are highlighted in bold font.

SOIL VAPOR

NYSDOH Soil Vapor Intrusion Air Guidance Value : NYSDOH Air Guidance Values (AGVs) presented in the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 ("NYSDOH Vapor Intrusion Guidance Document"), updated September 2013 for change of AGV for PCE and August 2015 for TCE.

NYSDOH 2003 Soil Vapor Indoor Upper Fence : Upper fence indoor air values from "Table C1. NYSDOH 2003: Study of Volatile Organic Chemicals in Air of Fuel Oil Heated Homes", published in the NYSDOH Soil Vapor Intrusion Guidance Document, Appendix C" (October 2006).

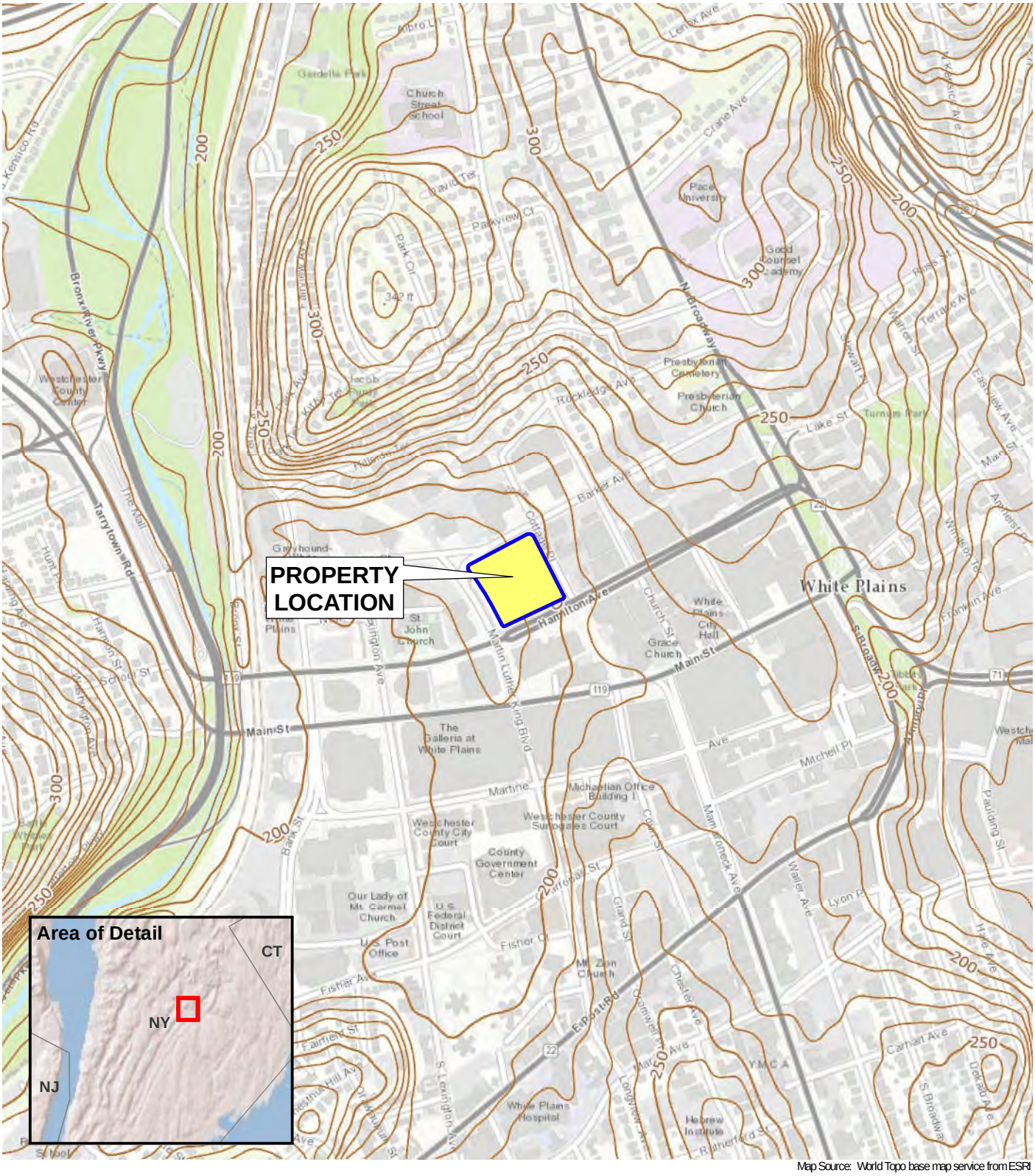
EPA 2001 BASE 90th Percentile : 90th Percentile indoor air values from "Table C-2. EPA 2001: Building Assessment and Survey Evaluation (BASE) Database, SUMMA canister method", published in the NYSDOH Soil Vapor Intrusion Guidance Document, Appendix C" (October 2006).

µg/m^3 : micrograms per cubic meter of air

NC : Upper fence not calculated.

Exceedances of NYSDOH Soil Vapor Intrusion Air Guidance Values are highlighted in bold font.
Exceedances of NYSDOH 2003 Soil Vapor Indoor Upper Fence Air Values are highlighted in gray.
Exceedances of EPA 2001 BASE 90th Percentile Indoor Air Values are highlighted with a border.

FIGURES



Map Source: World Topo base map service from ESRI

0 800 1,600

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

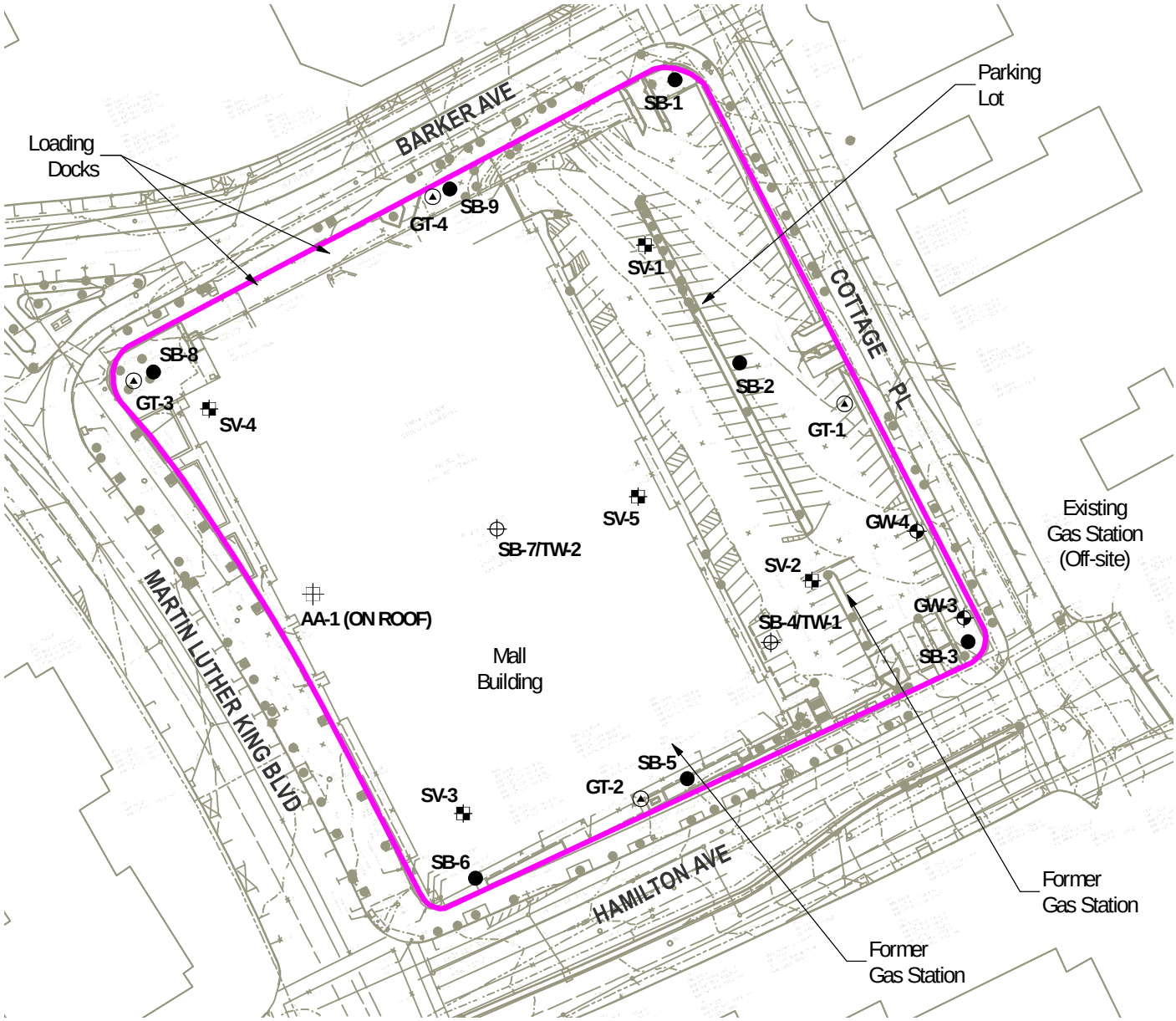
200 Hamilton Avenue
White Plains, New York

PROPERTY LOCATION

DATE
8/12/2017

PROJECT NO.
170029

FIGURE
1



Map Source:
Insite Engineering, Surveying & Landscape Architecture, P.C.
May 4, 2017.

LEGEND

- PROPERTY BOUNDARY
- EXISTING MONIORING WELL LOCATION FROM 2015 GEOTECHNICAL INVESTIGATION
- EXISTING MONITORING WELL (UNKNOWN)
- SOIL BORING/TEMPORARY WELL
- SUB-SLAB SOIL VAPOR SAMPLE LOCATION
- AMBIENT AIR SAMPLE LOCATION
- SOIL BORING LOCATION

0 100 200
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

200 Hamilton Avenue
White Plains, New York

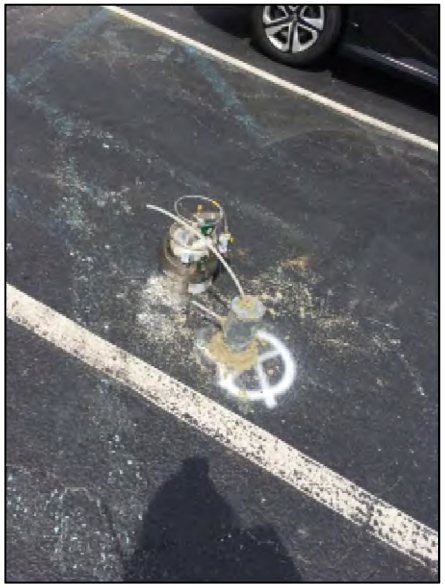
SITE MAP WITH SAMPLE LOCATIONS

DATE
10/23/2017
PROJECT NO.
170029
FIGURE
2

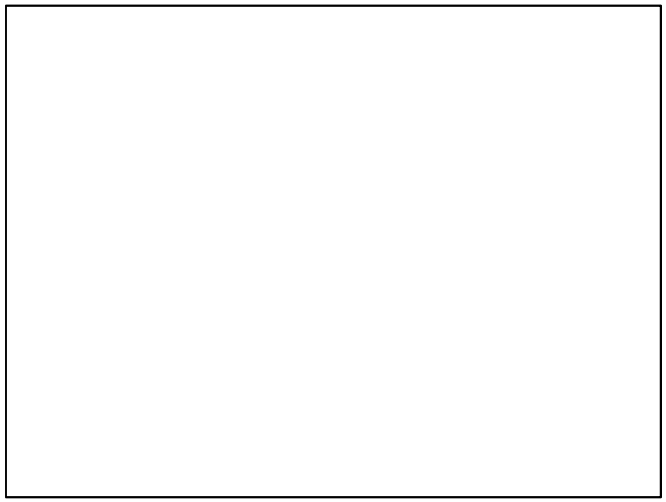
APPENDIX A

PHOTOGRAPHIC DOCUMENTATION

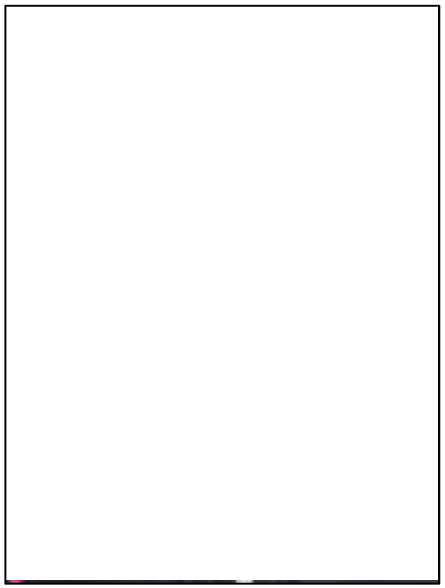
Photograph 1: Advancing SB-7 using hand auger.



Photograph 2: Setup for helium leak test at SV-1.



Photograph 3: Soil liners with soil from SB-5.



Photograph 4: Geoprobe set up at SB-2.