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January 18, 2017

Michael J. Hinton, P.E.
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue, Buffalo, NY 14203-2915

Re: Hole #6 Supplemental Pilot Study Report
Westwood Golf Course, Amherst, New York

Dear Mike,

At the request of Mensch Capital Partners, LLC (Mensch), C&S Engineers, Inc. (C&S) conducted soil sampling on a portion of the Westwood County Club (Site) in Amherst New York. The Site was accepted into the Brownfield Cleanup Program on March 10, 2015. The Remedial Investigation (RI) Work Plan was accepted by the New York State Department of Environmental Conservation (NYSDEC) on October 5, 2015. However, prior to the full implementation of the RI Work Plan across the entire Site, a portion of the Site was selected to evaluate soil conditions and help determine if the proposed approach to the RI is the most appropriate. A Pilot Study was conducted on the green, fairway, rough and tee of Hole #6 in 2015, and the results were used to prepare an approach to a Supplemental Pilot Study to further evaluate and refine the RI approach. This letter report describes the methodology and results of the Supplemental Pilot Study.

I. SITE DESCRIPTION

The 170-acre Site is located at 772 North Forest Road, 385 Maple Road and 391 Maple Road in the south-central portion of the Town of Amherst, Erie County, New York. The Site is bounded by Sheridan Drive (State Route 324) on the south; Maple Road (County Road 192) on the north; North Forest Road (County Road 294), Ellicott Creek, and the Audubon Par 3 Golf Course on the east; and Frankhauser Road and Fairways Boulevard on the west.

The Site is relatively flat with some minor topographic relief commonly associated with golf courses. The Site's fairways, greens, and rough remain visible although the Site has not been maintained as a golf course since 2014.

II. 2015 PILOT STUDY

The initial Pilot Study was conducted on Hole #6 located north of the Grounds Maintenance Buildings. The Hole #6 Pilot Study area consists of the green, tee box, fairway and adjacent rough areas. The Pilot Study area occupies approximately 10 acres of the 170-acre Westwood Site. Figure 1 shows the location of the Pilot Study on the Westwood Site.

Pre-BCP sampling at the Site demonstrated a prevalence of arsenic at elevated concentrations in various portions of the Site. The RI Work Plan was therefore created to focus on arsenic as the primary contaminant of concern, although the RI Work Plan also included the analysis of a subset of samples for a variety of other contaminants. Sampling locations focused on areas in which the historical application of pesticides was the most common: tee boxes and greens. Fairways were assumed to have received less frequent pesticide treatments and rough areas were assumed to have

received few or no treatments. The highest arsenic concentrations were also assumed to be present at the surface with diminishing concentrations at depths due to that metal's relative immobility.

The 2015 Pilot Study was implemented to evaluate the assumptions listed above as well as confirm that the sampling approach targeted the correct analytes and the correct locations, both horizontally and vertically. The Pilot Study included the advancement of 56 borings in Hole #6 and the analysis of 138 soil samples. The findings were detailed in a March 2016 letter report and are included below.

> *Although pesticides and herbicides were not detected in soils, the Pilot Study identified the presence of a number of metals in soils at concentrations above the NYSDEC Soil Cleanup Objectives (SCOs). The detected metal concentrations above Unrestricted SCOs included arsenic, cadmium, copper, lead, mercury, trivalent chromium, and zinc. More specifically:*
>
> - *Arsenic and mercury were encountered at the greatest depths (12-18 inches) and in the highest concentrations (in excess of Industrial SCOs) in the tee and green samples, and in lower concentrations (in excess of Unrestricted SCOs) in the fairway samples.*
> - *Trivalent chromium was encountered at depths 2-6 inches below the surface in the tee and fairway samples and at levels in excess of Restricted Residential SCOs, while only encountered at depths 0-2 inches and in excess of Unrestricted SCOs in the rough sample.*
> - *Cadmium was encountered at depths 0-2 inches below the surface in the tee and fairway samples and at levels in excess of Restricted Residential SCOs.*
> - *Copper, lead and zinc were only encountered at depths 0-2 inches below the surface and at levels in excess of Unrestricted SCOs. Lead and zinc were identified in the fairway samples, while copper was identified in the green sample.*
>
> *The presence of these metals is consistent with the historic use of pesticides, herbicides, and fungicides at the Site. Although these metals are no longer commonly used in pesticides, herbicides, and fungicides, these metals once formed the basis for these products. The general presence of higher concentrations in the tee boxes and greens corroborates expectations and appears to be indicative of more concentrated maintenance of these closely manicured portions of the golf course. The general lack of elevated concentrations of metals in the 'rough' areas also corroborates the hypothesis that these areas were less well maintained and therefore received fewer or no applications of pesticides, herbicides, and fungicides. As expected, the concentrations of metals in fairway samples were lower, generally falling in concentration between the 'rough' area samples and the tees and green samples.*
>
> *It is important to note the findings related to the newly detected metals, the metals other than arsenic, are based on limited sampling and may require additional remedial site investigation.*

The subject of this letter report, the Supplemental Pilot Study, was implemented to augment the data generated during the 2015 Pilot Study and provide additional information relative to the occurrence and distribution of various metals throughout the various portions of Hole #6.

III. SAMPLING METHODS

C&S conducted the pilot study on October 10, 2016. TREC Environmental, Inc. was contracted to drill 56 soil borings from ground surface to approximately 4 feet below ground surface (bgs). Drilling was conducted using a track mounted Geo-probe drilling unit. Each boring location was sampled to four feet using a one-inch by four-foot steel sampling tube fitted with a disposable acetate liner. All non-disposable sampling equipment was decontaminated between drilling locations to avoid potential cross contamination of samples. Material description and physical evidence of contamination (staining or sheen) of each direct-push sample was recorded on soil boring logs provided in *Appendix A.*

The RI Work Plan included two sampling grids for the Site. For the green, fairway and tee box borings were spaced across a 50-foot by 50-foot grid. A 200-foot by 200-foot grid was used for the rough areas surrounding the green, fairway and tee box. **Figure 2 Sample Locations** shows the locations that were drilled for this pilot study.

From each sampling location, four soil samples were collected from the following depth intervals:

- 2 to 6 inches below grade
- 6 to 12 inches below grade
- 12 to 18 inches below grade
- 18 to 24 inches below grade

All four sample intervals from each grid location were submitted to the laboratory for analysis of Target Analyte List (TAL) metals. Initially, only the 2- to 6-inch and 6 to 12-inch intervals were analyzed. If the 6 to 12-inch interval contained one or more contaminants at concentrations above the Unrestricted Soil Cleanup Objectives (SCOs), the next sample interval below that was analyzed, and the process was repeated until all concentrations were below Unrestricted Use SCOs.

Additionally, five sample locations were selected, one each from the tee, green, and rough areas, and two locations on the fairway, for testing of all analytes listed in NYSDEC 6NYCRR 375-6.8 tables (referred to as "complete list"). The complete list includes the following parameters:

Analytes	*EPA Method*
Target Compound List (TCL) volatile organic compounds (VOCs)	8260
TCL semi-volatile organic compounds (SVOCs)	8270
TCL pesticides	8081A
Polychlorinated biphenyls (PCBs)	8082
Target Analyte List (TAL) metals	6010
Total cyanide	9010B

Additionally, a total of 14 Quality Assurance/Quality Control (QA/QC) samples were collected. Seven Matrix Spike/Matrix Spike Duplicate (MS/MSD) and seven blind duplicates were submitted to the laboratory.

Two monitoring wells were used to evaluate groundwater conditions adjacent to the Pilot Study Area. During the field program, a one-inch well was installed adjacent to Hole #6 green by TREC Environmental, Inc. in grid location U1-70. Monitoring well MW-U1-70 was installed to 16 feet below ground surface. The second monitoring well was installed by SJB in February 2014 to 30 feet below ground surface. This well, SJB-MW-3, was placed on the northern end of the Site near the homes on Maple Road. Samples were collected for TAL metals using low-flow sampling techniques. If turbidity levels remained high during purging, then an unpreserved sample for TAL metals was collected for the laboratory to filter and preserve.

The laboratory results for the samples were reported in a Category B deliverables package to facilitate validation of the data, and a third party validator will review the laboratory data and prepare a Data Usability Summary Report (DUSR). The DUSR has not yet been completed for these samples.

IV. SAMPLING RESULTS

A. Surface and Subsurface Soil Conditions

Pilot Study surface soils generally consist of silty clay loam, and the upper two inches of soil in the greens also contained trace amounts of fine sand. Subsurface soils are predominately brown dense clay with organic matter. No petroleum odors or visual evidence of contamination were observed in the samples.

B. Surface and Subsurface Soil Analytical Results

A total of 258 soil samples were collected and submitted to the laboratory from the green, fairway, rough and tee box (includes surface, QA/QC and waste characterization samples). The first two intervals were analyzed by the laboratory. As described in the approved Work Plan, if metal concentrations exceeded Unrestricted SCOs the next sample intervals was analyzed. If metal concentrations were below Unrestricted Use SCOs, no deeper samples were analyzed. From the 258 soil samples collected from the Site, a total of 164 soil samples were analyzed by the laboratory. Tables 1 through 4 summarize the laboratory results and compares these results to NYSDEC SCOs.

Four additional soil samples were analyzed for the Complete List and the results are included in Table 5. Two groundwater samples were collected and Table 6 summarizes the results.

The sample results from each area of Hole #6 are discussed below:

Tee Box

- Three borings were advanced in this area.
- One surface soil sample was collected at H1-47 grid location.
- *Table 1 – Tee Soil Sampling Results* compares the laboratory results to NYSDEC SCOs.
- The surface and subsurface soil contained concentrations of metals above NYSDEC SCOs for the following parameters:

- Arsenic
- Cadmium
- Total Chromium
- Cyanide
- Lead
- Mercury
- Silver
- Zinc

- All three sampling locations contained at least one metal at concentrations above the Unrestricted Use SCOs in the uppermost sample.
- Metal concentrations were below the Unrestricted Use SCOs in one sample at 6-12 inches and the remaining two at 12-18 inches.
- Grid location H1-49 (2-6 inches) was selected for the complete analysis:
  - VOCs, SVOCs, PCBS, and herbicides were either not detected or were detected at concentrations below the Unrestricted Use SCOs.
  - 4,4' – DDE, DDD and DDT were detected above Unrestricted Use (0.0033 mg/kg) at a concentration of 0.101 mg/kg, 0.00364 mg/kg and 0.015 mg/kg, respectively. *Table 5 – Complete List Soil Sampling Results* compares the laboratory results to NYSDEC SCOs.

Green

- Four borings were advanced in this area.
- Two surface soil samples were collected at grid locations S1-72 and T1-72.
- The surface and subsurface soil contained concentrations of metals above NYSDEC SCOs for the following parameters:
  - Arsenic
  - Cadmium
  - Total Chromium
  - Copper
  - Cyanide
  - Lead
  - Mercury
  - Silver
  - Zinc
- All four grid locations contained concentrations of metal contaminants above NYSDEC SCOs.
- Metal concentrations were below Unrestricted Use SCOs at 12-18 inches in the two grid locations and the bottom samples analyzed for the remaining two sample locations were above the SCOs. However, the bottommost samples at these two locations were collected from 12-18 inches.
- Grid location S1-72 was selected for the complete analysis.

- PCB (Aroclor 1254) was detected above Unrestricted Use (0.1 mg/kg) at 0.292 mg/kg in the 2- 6-inch sample interval. *Table 5 – Complete List Soil Sampling Results* compares the laboratory results to NYSDEC SCOs.

Fairway

- A total of 36 soil borings were advanced in this area.
- Ten surface soil samples were collected at grid locations K1-56, L1-59, M1-59, M1-61, M1-63, P1-64, P1-66, Q1-68, R1-67, R1-70.
- *Table 2 – Fairway Soil Sampling Results* compares the laboratory results to NYSDEC SCOs.
- The surface and subsurface soil contained concentrations of metals above NYSDEC SCOs for the following parameters:
  - Arsenic
  - Cadmium
  - Total Chromium
  - Cyanide
  - Lead
  - Manganese
  - Mercury
  - Nickel
  - Silver
  - Zinc
- All but five sampling locations contained at least one metal at concentrations above the Unrestricted Use SCOs in the uppermost sample.
- Metal concentrations were below Unrestricted Use SCOs at the following depths:
  - A total of 23 grid locations contained metals concentrations below the Unrestricted Use at the 6-12-inch interval.
  - A total of 11 grid locations contained concentrations below Unrestricted Use SCOs in the 12-18-inch interval.
  - One grid location contained concentrations below Unrestricted Use SCOs in the 18-24-inch interval.
  - The bottom sample analyzed in one sample locations were above the SCOs. However, the bottommost sample at this location was collected from 12-18 inches.
- Grid location P1-65 was selected for the complete analysis.
  - P-P' DDT was detected above Unrestricted Use (0.0033 mg/kg) at a concentration of 0.0.243 mg/kg and PCB was detected above Unrestricted Use (0.1 mg/kg) at a concentration of 0.122 mg/kg. *Table 5 – Complete List Soil Sampling Results* compares the laboratory results to NYSDEC SCOs.

Rough

- A total of 13 soil borings were advanced in this area.
- Two surface soil samples were collected at grid locations K1-54 and Q1-62.

- The surface and subsurface soil contained concentrations of metals above NYSDEC SCOs for the following parameters:
  - Arsenic
  - Cadmium
  - Total Chromium
  - Cyanide
  - Lead
  - Mercury
  - Silver
  - Zinc
- Out of the 12 grid locations, nine grid locations contained concentrations of metal contaminants above NYSDEC SCOs.
- Metal concentrations were below Unrestricted Use SCOs at the following depths:
  - Four grid locations contained metals concentrations below the Unrestricted Use at the 2-6-inch interval.
  - Six grid locations contained metals concentrations below the Unrestricted Use at the 6-12-inch interval.
  - One grid locations contained concentrations below Unrestricted Use SCOs in the 12-18-inch interval.
  - The bottom sample (18-24 inches) analyzed in one sample location contained concentrations above the SCOs.
- Grid location K1-62 was selected for the complete analysis. No analytes were detected above SCOs. Table 5 – Complete List Soil Sampling Results compares the laboratory results to NYSDEC SCOs.

C. Waste Characterization

One composite soil sample was collected from the grid locations with the highest metal concentrations from the green and tee. Soil samples were collected from ground surface to 24 inches deep in grid locations H1-47 and T1-71. Samples were analyzed for waste characterization using the Toxicity Characteristic Leaching Procedure (TCLP). Results indicate that soils from this Site are contaminated with heavy metals, however, concentrations do not exceed hazardous levels.

D. Groundwater

The main contaminants of concern for this Site are heavy metals such as arsenic, cadmium, cyanide and mercury found in the surface and subsurface soils. None of the contaminates found in the soils were detected in the groundwater samples. The groundwater samples did contain concentrations of magnesium and iron above NYSDEC groundwater standards; however, it is common for groundwater in this region to contain high concentrations of metals such as calcium, iron and magnesium. *Table 6 – Groundwater Sampling Results* compares the laboratory results to NYSDEC standards.

V. 2015 AND 2016 PILOT STUDY CONCLUSIONS

Two pilot studies, conducted in 2015 and 2016, were implemented on a 10-acre portion of the Site. Soil samples were collected from the study area to evaluate the type, concentration and depth of contaminants of soil contamination that may be encountered across the Site. Results from the 2015 Pilot Study indicated that metals other than arsenic would be present in the soils of Hole #6. To confirm this finding additional soil samples were collected from the same study area.

The results from this supplemental pilot study has expanded the list of heavy metal contaminants in the greens, fairway, rough and tee boxes. Except for the tee boxes, arsenic was not detected in surface soils (0-2 inches) over soil cleanup standards. The 2016 surface sample results show concentrations of heavy metals such as cadmium, cyanide, mercury and zinc exceeding Commercial and Industrial Use. The first pilot study indicated that no arsenic contamination was in the fairways or the rough area; however, this round of soil sampling shows some fairway locations contain cadmium, chromium and mercury in the 2-6-inch interval exceeding Residential and Restricted Residential Use. Some locations in the rough area have concentrations of chromium, manganese and mercury above Unrestricted and Residential Use.

The findings from both the pilot studies confirm tee boxes and greens are significantly impacted by heavy metal contamination – this contamination includes concentrations of arsenic and mercury above Industrial Use. Even though metal concentrations in these areas are high, soils in the tee box and green do not qualify as hazardous waste.

The data collected from these pilot studies will be used to refine the upcoming Site-wide remedial investigation.

VI. FINDINGS AND CONCLUSIONS

The Supplemental Pilot Study identified the presence of a number of metals in soils at concentrations above the NYSDEC SCOs. The detected metal concentrations above Unrestricted SCOs included arsenic, cadmium, copper, lead, mercury, trivalent chromium, silver and zinc. *Table 7 – Summary Results* presents each metal contaminant by depth. More specifically:

- Arsenic, chromium, cadmium, lead and mercury were encountered at the greatest depths (12-18 inches) and in the highest concentrations (in excess of Industrial SCOs) in the green samples. These concentrations were encountered at depths of 6-12 inches in the tee samples.
- Surface soil sample results in the fairway show concentrations of arsenic, cadmium, and cyanide above Commercial Use SCOs and concentrations of mercury in excess of Industrial Use SCOs. Cadmium and trivalent chromium were encountered at depths 2-6 inches below the surface in the fairway samples and at levels in excess of Restricted Residential and Commercial Use SCOs. Most of the soils in the fairway are below Unrestricted Use at the 6-12-inch interval. Eleven grid locations encountered contaminants at the 6-12-inch interval. Two locations contained contaminants in the 12-18-inch interval.
- Mercury and zinc concentrations exceeded Industrial Use SCOs in the surface soil in the rough areas. Cadmium, chromium and lead were detected in the surface and the 2-6-inch interval. Metal concentrations are below Unrestricted Use in the rough area at six inches

below ground surface. The only exception is one location within the grounds department maintenance yard; mercury concentrations in this grid location exceed Restricted Residential Use SCOs in the 18-24-inch interval.

- Four soil samples were collected for VOCs, SVOCs, pesticides, herbicides and PCBs. Concentrations of PCBs above Unrestricted Use were encountered in the 2-6-inch interval in the fairway and green samples. Pesticides such as DDD and DDT were detected above Unrestricted Use in the 2-6-inch interval in the tee and fairway samples.
- None of the contaminants found in the soils were detected in the groundwater samples collected from two groundwater monitoring wells.
- Two soil samples were collected from the highest concentrations of heavy metal contaminants and analyzed for waste characterization using the Toxicity Characteristic Leaching Procedure (TCLP). Sample results indicate that soils are considered to be non-hazardous.

The presence of these metals is consistent with the historic use of pesticides, herbicides, and fungicides at the Site. Although these metals are no longer commonly used in pesticides, herbicides, and fungicides, these metals once formed the basis for these products. The general presence of higher concentrations in the tee boxes and greens corroborates expectations and appears to be indicative of more concentrated maintenance of these closely manicured portions of the golf course. The general lack of elevated concentrations of metals in the 'rough' areas also corroborates the hypothesis that these areas were less well maintained and therefore received fewer or no applications of pesticides, herbicides, and fungicides. As expected, the concentrations of metals in fairway samples were lower, generally falling in concentration between the 'rough' area samples and the tees and green samples.

C&S respectfully requests a meeting with the NYSDEC to review the Supplemental Pilot Study results prior to implementation of the RI of the remainder of the Site. The purpose of the proposed meeting is to discuss the implications of the Supplemental Pilot Study findings on the RI Work Plan, to determine what if any additional remedial site investigation would be appropriate in the Pilot Study area, and to determine the most appropriate next steps to further the implementation of the RI Work Plan.

C&S recommends the following modifications to the RI Work Plan:

1. Based on the findings of the Pilot Studies, the sampling program requirements should be modified. The bulk of the approved sampling program included the analysis of soil samples for only arsenic analysis, and the new program would include increase the requirements and include the analysis of the full list of TAL metals for those sample locations.
2. Both Pilot Studies have clearly indicated the highest concentrations of metals will be in the tee boxes, greens, and fairways. Since the type of golf course management used on the tee box, green, and fairway for Hole #6 will be the same for the other golf course holes, it can be assumed the rest of the tee boxes, greens, and fairways on the Site will have similar concentrations of metals. The anticipated remedy for these areas is excavation to clean soils.

3. The Pilot Studies have indicated that surface soils (0-2 inches) and the underlying materials at 2-6 and 6-12 inches below grade contain several metal contaminants in the tees, greens, and fairways at elevated concentrations. The high concentration of metals in the tees and greens is consistent with the intensive maintenance of these areas with pesticides, herbicides, and fungicides. Based on these findings, it can be assumed that the top six inches of material in the tees, greens, and fairways across the Site are similarly impacted. As such, we propose the IRM will include the removal of a minimum of the top six inches of material from the tees, greens, and fairways.

4. Understanding that the top six inches of material from the tees, greens, and fairways will be removed, we propose to modify the sampling program for these areas. We propose to complete sampling in these areas to one location in the greens and one location in the tee boxes. The samples will be collected in the 6-12 inch, 12-18 inch, and the 18-24 inch intervals. The uppermost samples will be analyzed for TAL metals, and any metals with contraventions of SCOs would be analyzed in the immediately underlying sample interval. The process will be repeated until the SCOs are met.

5. Understanding that the top six inches of material from the fairways will be removed, we propose to modify the sampling program for the fairways. We propose to complete sampling in these areas using a 100-foot by 100-foot grid. The samples will be collected in the 6-12 inch, 12-18 inch and the 18-24 inch intervals. The uppermost samples will be analyzed for TAL metals, and any metals with contraventions of SCOs would be analyzed in the immediately underlying sample interval. The process will be repeated until the SCOs are met. This will reduce the number of samples to be collected in the fairway by ¾ while retaining a sample frequency to accurately characterize soil conditions in these areas.

6. The analytical results for the rough areas were inconclusive, in that some areas contained metals at concentrations above the SCOs while other areas did not. These Supplemental Pilot Study samples were collected from the area assumed to be most impacted based on Hole #6's proximity to the maintenance shop area (where chemicals and the associated distribution equipment were assumed to be stored). Due to the significant extent of the rough areas across the Site (estimated at more than 2/3 of the Site), C&S proposes to conduct limited soil sampling in the rough areas across the Site prior to finalization of the RI approach for the rough areas. The intent of the work is to help evaluate if areas farther from the maintenance shop demonstrate similar impacts. Therefore, we would propose the collection of eight samples from locations in the rough areas on other portions of the Site. The samples will be collected from the 0-2, 2-6, 6-12, and 12-24-inch intervals and the uppermost samples will be analyzed for TAL metals and any metals with contraventions of SCOs would be analyzed in the immediately underlying sample interval. The process will be repeated until the SCOs are met.

Please feel free to contact me at (716) 847-1630 at your earliest convenience if you have any questions or comments.

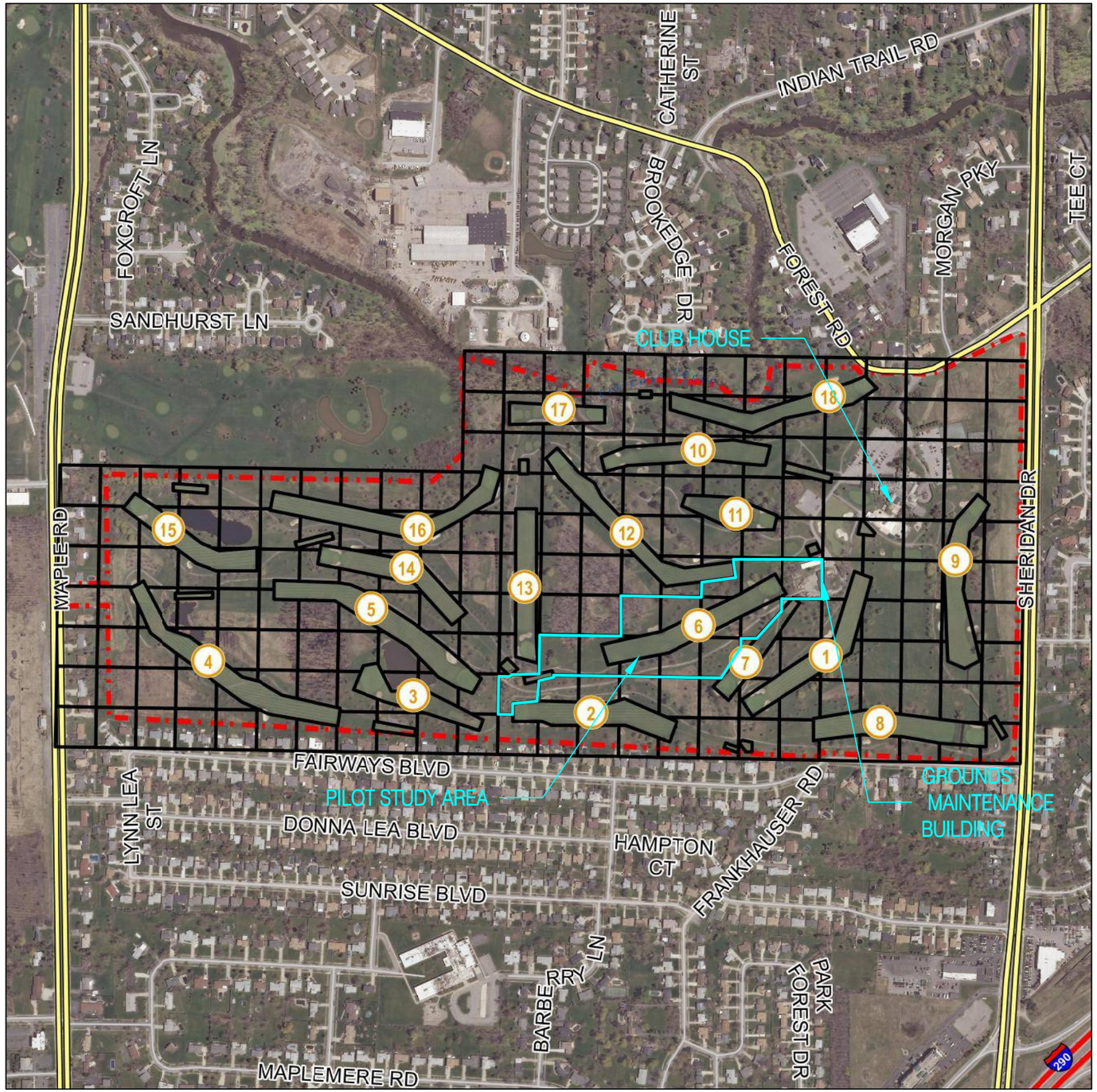
Sincerely,

C&S ENGINEERS, INC.

Daniel E. Riker, P.G.
Department Manager – Environmental Services

cc: Matt Roland, Hamister Group, LLC
Andrew Shaevel, Mensch Capital Partners

FIGURES



LEGEND

- PROPERTY LINE
- GOLF COURSE HOLE NUMBER
- PILOT STUDY AREA
- 200 x 200 FOOT SAMPLE GRID

0 150 300 600 1,200 FEET

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WESTWOOD COUNTRY CLUB
BROWNFIELD CLEANUP PROGRAM
HOLE #6 PILOT STUDY

AMHERST, NEW YORK

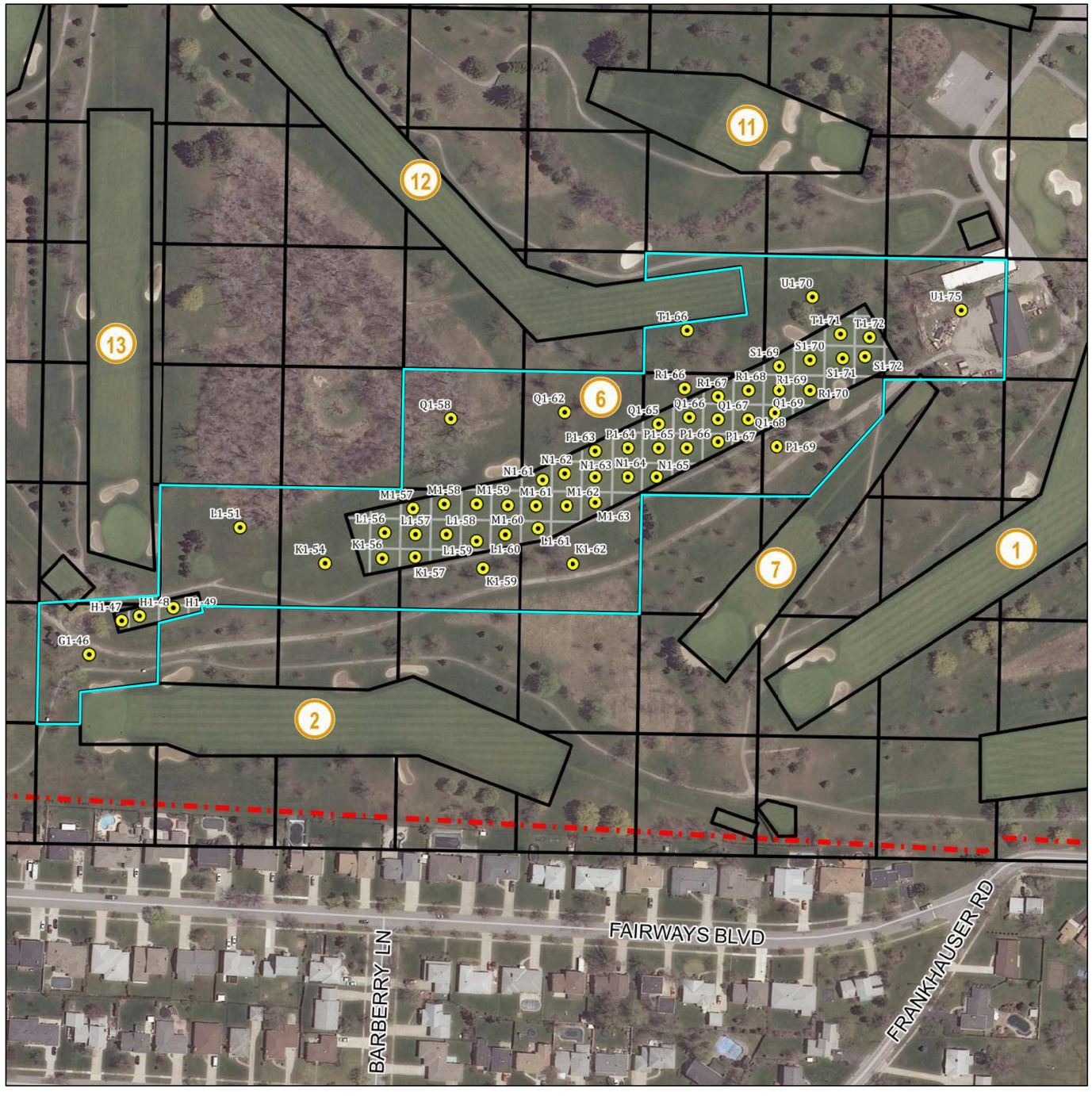
MARK	DATE	DESCRIPTION
REVISIONS		

PROJECT NO:	O76.001.001
DATE:	JANUARY 14, 2016
DRAWN BY:	C. MARTIN
DESIGNED BY:	C. MARTIN
CHECKED BY:	M. COLMERAUER

PILOT STUDY

FIGURE 1

F:\Project\O76 - Mensch Capital Partners\O76001001 - Westwood Sampling\Planning-Study\CADD\Sheet Files\FIGURE 1 PILOT STUDY SITE LOCATION.dwg



LEGEND

- PROPERTY LINE
- 10 — GOLF COURSE HOLE NUMBER
- PILOT STUDY AREA
- 50 x 50 FOOT SAMPLE GRID
- 200 x 200 FOOT SAMPLE GRID
- SOIL BORING LOCATION

0 50 100 200 400 FEET

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WESTWOOD COUNTRY CLUB
BROWNFIELD CLEANUP PROGRAM
HOLE #6 PILOT STUDY
AMHERST, NEW YORK

MARK	DATE	DESCRIPTION
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PROJECT NO:	O76.001.001
DATE:	JANUARY 14, 2016
DRAWN BY:	C. MARTIN
DESIGNED BY:	C. MARTIN
CHECKED BY:	M. COLMERAUER

PILOT STUDY
SAMPLE LOCATIONS

FIGURE 2

F:\Project\O76 - Mensch Capital Partners\O76001001 - Westwood Sampling\Planning-Study\CADD\Sheet Files\FIGURE 1 PILOT STUDY SAMPLE LOCATIONS.dwg

TABLES

200 Ft GRID	Samples to take and SEND	Samples to take and HOLD	Parameters Sampled: METALS	VOC	SVOC	PCB	PESTICIDES	Additional
G1-46	2-6; 6-12	12-18; 18-24	X					
L1-51	2-6; 6-12	12-18; 18-24	X					
K1-54	2-6; 6-12	12-18; 18-24	X					
K1-59	2-6; 6-12	12-18; 18-24	X					
K1-62	2-6; 6-12	12-18; 18-24	X	X	X	X	X	Complete List (2-6) +MS/MSD
K1-67	2-6 + MS/MSD; 6-12	12-18; 18-24	X					
Q1-58	2-6 + DUP-K; 6-12	12-18; 18-24	X					
Q1-62	2-6; 6-12	12-18; 18-24	X					
R1-66	2-6; 6-12	12-18; 18-24	X					
T1-66	2-6; 6-12	12-18; 18-24	X					
P1-69	2-6; 6-12	12-18; 18-24	X					
U1-70	2-6; 6-12	12-18; 18-24	X					
U1-75	2-6; 6-12	12-18; 18-24	X					
	50 Ft GRID							
H1-47	2-6 + DUP-L; 6-12	12-18; 18-24	X					
H1-48	2-6 + MS/MSD; 6-12	12-18; 18-24	X					
H1-49	2-6; 6-12	12-18; 18-24	X	X	X	X	X	Complete List (2-6)
K1-56	2-6;6-12	12-18; 18-24	X					
K1-57	2-6;6-12	12-18; 18-24	X					
L1-56	2-6;6-12	12-18; 18-24	X					
L1-57	2-6;6-12	12-18; 18-24	X					
L1-58	2-6;6-12	12-18; 18-24	X					
L1-59	2-6;6-12	12-18; 18-24	X					
L1-60	2-6;6-12	12-18; 18-24	X					
L1-61	2-6;6-12	12-18; 18-24	X					
M1-57	2-6;6-12	12-18; 18-24	X					
M1-58	2-6 + MS/MSD; 6-12	12-18; 18-24	X					
M1-59	2-6 + DUP-M; 6-12	12-18; 18-24	X					
M1-60	2-6;6-12	12-18; 18-24	X	X	X	X	X	Complete List (2-6) + DUP-N
M1-61	2-6;6-12	12-18; 18-24	X					
M1-62	2-6;6-12	12-18; 18-24	X					
M1-63	2-6;6-12	12-18; 18-24	X					
N1-61	2-6;6-12	12-18; 18-24	X					
N1-62	2-6 + MS/MSD; 6-12	12-18; 18-24	X					
N1-63	2-6 + DUP-O; 6-12	12-18; 18-24	X					
N1-64	2-6;6-12	12-18; 18-24	X					
N1-65	2-6;6-12	12-18; 18-24	X					
P1-63	2-6;6-12	12-18; 18-24	X					
P1-64	2-6;6-12	12-18; 18-24	X					
P1-65	2-6;6-12	12-18; 18-24	X	X	X	X	X	Complete List (2-6)
P1-66	2-6;6-12	12-18; 18-24	X					
P1-67	2-6;6-12	12-18; 18-24	X					
Q1-65	2-6;6-12	12-18; 18-24	X					
Q1-66	2-6;6-12	12-18; 18-24	X					
Q1-67	2-6;6-12	12-18; 18-24	X					
Q1-68	2-6;6-12	12-18; 18-24	X					
Q1-69	2-6 + MS/MSD; 6-12	12-18; 18-24	X					
R1-67	2-6 + DUP-P; 6-12	12-18; 18-24	X					
R1-68	2-6;6-12	12-18; 18-24	X					
R1-69	2-6;6-12	12-18; 18-24	X					
R1-70	2-6;6-12	12-18; 18-24	X					
S1-69	2-6;6-12	12-18; 18-24	X					
S1-70	2-6;6-12	12-18; 18-24	X					
S1-71	2-6; 6-12	2-18; 18-24	X					
S1-72	2-6; 6-12	2-18; 18-24	X	X	X	X	X	Complete List (2-6)
T1-71	2-6 + MS/MSD; 6-12	2-18; 18-24	X					
T1-72	2-6 + DUP-Q; 6-12	2-18; 18-24	X					

Rough
Tee
Fairway
Green

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 1
TEE BOX SOIL SAMPLE RESULTS

						Sample Location	H1-47				H1-48		H1-49		
						Field Sample ID	H1-47-0-2IN	H1-47-2-6IN	H1-47-6-12IN	H1-47-12-18IN	H1-48-2-6IN	H1-48-6-12IN	H1-49-2-6IN	H1-49-6-12IN	H1-49-12-18IN
						Sample Depth	0 - 2	2 - 6	6 - 12	12 - 18	2 - 6	6 - 12	2 - 6	6 - 12	12 - 18
						Date Sampled	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
						NYSDEC Soil Cleanup Objective									
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial										
Metals With SCOs															
Arsenic	13	16	16	16	16		**56**	**51**	**71**	**8.8**	**100**	**3.8**	**9.6**	**4.6**	**5.4**
Barium	350	350	400	400	10000		**56**	**51**	**64**	**74**	**190**	**55**	**45**	**50**	**76**
Beryllium	7.2	14	72	590	2700		**0.27 J**	**0.31 J**	**0.44 J**	**0.58**	**0.36 J**	**0.27 J**	**0.28**	**0.18 J**	**0.35 J**
Cadmium	2.5	2.5	4.3	9.3	60		**11**	**11**	**3.4**	**0.35 J**	**15**	**0.35 J**	**2.3**	**0.70 J**	**0.36 J**
Chromium, Total	30	36	180	1500	6800		**140**	**130**	**85**	**22**	**60**	**26**	**19**	**16**	**17**
Copper	50	270	270	270	10000		**29**	**26**	**20**	**11**	**26**	**16**	**21**	**18**	**21**
Cyanide	27	27	27	27	10000		**190**						ND		
Lead	63	400	400	1000	3900		**330**	**170**	**180**	**23**	**54**	**16**	**21**	**25**	**21**
Manganese	1600	2000	2000	10000	10000		**3.1**	**300**	**400**	**430**	**4600**	**520**	**460**	**320**	**670**
Mercury	0.18	0.81	0.81	2.8	5.7		**12**	**3.3**	**4.9**	**0.15**	**2.2**	**0.12**	**0.97**	**0.21**	**0.10**
Nickel	30	140	310	310	10000		ND	**12**	**15**	**14**	**17**	**11**	**10**	**9.2**	**12**
Selenium	3.9	36	180	1500	6800		**0.97 J**	**0.61 J**	**0.54 J**	ND	ND	ND	ND	**0.30 J**	ND
Silver	2	36	180	1500	6800		**82**	**0.89 J**	**0.48 J**	ND	**0.27 J**	ND	ND	ND	ND
Zinc	109	2200	10000	10000	10000		**7100**	**84**	**80**	**50**	**96**	**70**	**51**	**56**	**59**
Metals with No SCOs															
Aluminum							ND	**7500**	**11000**	**12000**	**9800**	**8700**		**7400**	**9100**
Antimony							**5.1**	ND	ND	ND	ND	ND		ND	ND
Cobalt							**14000**	**5.1**	**7.3**	**11**	**41**	**4.8**		**3.8**	**6.2**
Iron							**3700**	**14000**	**19000**	**21000**	**20000**	**14000**		**11000**	**14000**
Calcium							**1800**	**3800**	**3300**	**2600**	**30000**	**40000**		**93000**	**31000**
Magnesium							**570**	**1900**	**2400**	**2800**	**16000**	**15000**		**4400**	**7800**
Potassium							**32 J**	**530**	**660**	**620**	**700**	**820**		**500**	**560**
Sodium							ND	**41 J**	**58 J**	**65 J**	**100 J**	**94 J**		**84 J**	**79 J**
Thallium							**16**	ND	ND	ND	ND	ND		ND	ND
Vanadium								**16**	**23**	**29**	**20**	**16**		**14**	**19**

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 2
GREEN SOIL SAMPLE RESULTS

					Sample Location	S1-71				S1-72				
					Field Sample ID	S1-71-2-6IN	S1-71-6-12IN	S1-71-12-18IN	S1-71-18-24IN	S1-72-0-2IN	S1-72-2-6IN	S1-72-6-12IN	S1-72-12-18IN	S1-72-18-24IN
					Sample Depth	2 - 6	6 - 12	12 - 18	18 - 24	0 - 2	2 - 6	6 - 12	12 - 18	18 - 24
					Date Sampled	10/10/2016	10/10/2016	10/10/2016	10/10/2016	9/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
NYSDEC Soil Cleanup Objective														
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial									
Metals With SCOs														
Arsenic	13	16	16	16	16	300	16	5.7		68	160	210	7.2	
Barium	350	350	400	400	10000	87	77	92		48	60	94	110	
Beryllium	7.2	14	72	590	2700	0.60	0.61	0.38 J		0.23 J	0.35 J	0.70	0.50	
Cadmium	2.5	2.5	4.3	9.3	60	13	0.21 J	ND		32	20	1.1	ND	
Chromium, Total	30	36	180	1500	6800	66	16	14		540	420	26	19	
Copper	50	270	270	270	10000	31	9.6	15		69	70	17	24	
Cyanide	27	27	27	27	10000					750	0.36 J			
Lead	63	400	400	1000	3900	690	37	9.9		120	860	180	12	
Manganese	1600	2000	2000	10000	10000	360	620	270		19	280	700	380	
Mercury	0.18	0.81	0.81	2.8	5.7	77	4.8	1.1	0.04 J	14	120	47	0.10	0.03 J
Nickel	30	140	310	310	10000	14	11	14		0.72 J	15	12	24	
Selenium	3.9	36	180	1500	6800	0.44 J	0.28 J	ND		4.3	0.77 J	ND	ND	
Silver	2	36	180	1500	6800	ND	ND	ND		170	3.4	ND	ND	
Zinc	109	2200	10000	10000	10000	86	52	52		4800	150	67	68	
Metals with No SCOs														
Aluminum						12000	12000	12000		ND	5800	13000	13000	
Antimony						1.0 J	ND	ND		2.8	ND	0.90 J	ND	
Cobalt						5.0	8.0	4.9		8300	3.6	7.4	9.3	
Iron						15000	19000	15000		5200	12000	22000	22000	
Calcium						10000	3900	45000		1200	6000	7800	3400	
Magnesium						5000	2600	25000		420	2000	3900	5000	
Potassium						800	590	750		37 J	650	970	970	
Sodium						70 J	78 J	120 J		ND	35 J	48 J	76 J	
Thallium						ND	ND	ND		9.8	ND	ND	ND	
Vanadium						18	22	19			11	22	24	

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 2
GREEN SOIL SAMPLE RESULTS

					Sample Location	T1-71			T1-72						
					Field Sample ID	T1-71-2-6IN	T1-71-6-12IN	T1-71-12-18IN	T1-72-0-2IN	T1-72-2-6IN	T1-72-6-12IN	T1-72-12-18IN	T1-72-18-24IN		
					Sample Depth	2 - 6	6 - 12	12 - 18	0 - 2	2 - 6	6 - 12	12 - 18	18 - 24		
					Date Sampled	10/10/2016	10/10/2016	10/10/2016	9/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016		
			NYSDEC Soil Cleanup Objective												
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial										
Metals With SCOs															
Arsenic	13	16	16	16	16	280	56	6.0	110	230	180	5.6			
Barium	350	350	400	400	10000	83	77	100	50	81	85	70			
Beryllium	7.2	14	72	590	2700	0.61	0.56	0.53	0.17 J	0.51	0.60	0.47			
Cadmium	2.5	2.5	4.3	9.3	60	13	0.30 J	0.14 J	24	22	1.6	0.19 J			
Chromium, Total	30	36	180	1500	6800	120	16	17	290	240	45	13			
Copper	50	270	270	270	10000	48	13	19	57	80	20	9.6			
Cyanide	27	27	27	27	10000				460						
Lead	63	400	400	1000	3900	870	40	11	180	970	320	16			
Manganese	1600	2000	2000	10000	10000	280	840	410	180	400	400	520			
Mercury	0.18	0.81	0.81	2.8	5.7	110	4.8	0.05 J	13	160	78	2.8	0.07 J		
Nickel	30	140	310	310	10000	14	16	20	0.51 J	19	12	10			
Selenium	3.9	36	180	1500	6800	0.38 J	ND U	ND	2.5	0.62 J	ND	ND			
Silver	2	36	180	1500	6800	0.65 J	ND U	ND	140	1.5	ND	ND			
Zinc	109	2200	10000	10000	10000	89	52	62	4300	150	70	48			
Metals with No SCOs															
Aluminum						9800	11000	13000	ND	9300	12000	11000			
Antimony						1.0 J	0.78 J	ND	3.4	ND	ND	ND			
Cobalt						4.6	8.1	7.7	10000	5.1	5.5	6.0			
Iron						14000	19000	20000	4000	15000	16000	17000			
Calcium						9700	3000	3000	1300	10000	7300	9300			
Magnesium						4900	2800	3800	280	4700	4000	5200			
Potassium						650	530	730	27 J	580	660	430			
Sodium						70 J	56 J	75 J	ND	54 J	66 J	79 J			
Thallium						ND U	ND U	ND	9.3	ND	ND	ND			
Vanadium						18	21	23		16	19	22			

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

						Sample Location	K1-56			K1-57			L1-56			
						Field Sample ID	K1-56-0-2IN	K1-56-2-6IN	K1-56-6-12IN	K1-57-2-6IN	K1-57-6-12IN	K1-57-12-18IN	L1-56-2-6IN	L1-56-6-12IN	L1-56-12-18IN	
						Sample Depth	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12	12 - 18	2 - 6	6 - 12	12 - 18	
						Date Sampled	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	
NYSDEC Soil Cleanup Objective																
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial											
Metals With SCOs																
Arsenic	13	16	16	16	16		17	9.7	3.7	8.2	4.1	7.9	5.2	4.4	6.8	
Barium	350	350	400	400	10000		74	78	150	62	110	110	76	160	120	
Beryllium	7.2	14	72	590	2700		0.39 J	0.51 J	0.48 J	0.56	0.86	0.53	0.39 J	0.62	0.54	
Cadmium	2.5	2.5	4.3	9.3	60		20	4.8	ND	3.7	0.12 J	0.20 J	5.4	1.2	0.42 J	
Chromium, Total	30	36	180	1500	6800		230	92	23	44	22	16	66	17	19	
Copper	50	270	270	270	10000		33	20	6.3	15	20	22	16	14	21	
Cyanide	27	27	27	27	10000		78									
Lead	63	400	400	1000	3900		130	41	11	31	15	17	27	12	13	
Manganese	1600	2000	2000	10000	10000		2.2	240	74	590	1100	1100	160	1600	570	
Mercury	0.18	0.81	0.81	2.8	5.7		16	0.36	0.06 J	0.16	0.04 J	0.04 J	0.13	0.03 J	0.03 J	
Nickel	30	140	310	310	10000		0.88 J	14	9.5	12	21	28	12	28	26	
Selenium	3.9	36	180	1500	6800		1.8	0.60 J	ND	ND	ND	ND	0.27 J	ND	ND	
Silver	2	36	180	1500	6800		120	0.63 J	ND	ND	ND	ND	0.36 J	ND	ND	
Zinc	109	2200	10000	10000	10000		9500	90	49	62	62	52	69	50	59	
Metals with No SCOs																
Aluminum							ND	14000	19000	14000	19000	11000	11000	12000	13000	
Antimony							4.1	ND	ND	ND	ND	ND	ND	ND	ND	
Cobalt							17000	4.7	3.2	8.8	55	14	3.8	14	12	
Iron							5500	22000	24000	36000	25000	21000	15000	20000	21000	
Calcium							2000	5000	3200	3800	2500	2500	3700	2100	3500	
Magnesium							660	2400	2300	2700	3500	3400	2100	2400	4600	
Potassium							77 J	820	990	570	1000	640	760	720	750	
Sodium							ND	120 J	170 J	82 J	100 J	73 J	58 J	54 J	76 J	
Thallium							20	ND	ND	ND	ND	ND	ND	ND	ND	
Vanadium								28	30	38	29	26	19	23	26	

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

						Sample Location	L1-57	L1-58		L1-59			L1-60		L1-61	
						Field Sample ID	L1-57-2-6IN	L1-58-2-6IN	L1-58-6-12IN	L1-59-0-2IN	L1-59-2-6IN	L1-59-6-12IN	L1-60-2-6IN	L1-60-6-12IN	L1-61-2-6IN	L1-61-6-12IN
						Sample Depth	2 - 6	2 - 6	6 - 12	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12
						Date Sampled	10/10/2016	10/10/2016	10/10/2016	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
					NYSDEC Soil Cleanup Objective											
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial											
Metals With SCOs																
Arsenic	13	16	16	16	16		3.6	8.1	6.2	11	7.1	5.2	9.5	6.9	6.8	4.0
Barium	350	350	400	400	10000		99	68	93	69	65	130	78	79	66	86
Beryllium	7.2	14	72	590	2700		0.52	0.57	1.1	0.46 J	0.53	0.76	0.64	0.66	0.51	0.38 J
Cadmium	2.5	2.5	4.3	9.3	60		0.29 J	12	0.33 J	7.2	4.2	0.17 J	3.8	1.9	1.6	0.31 J
Chromium, Total	30	36	180	1500	6800		19	100	23	91	55	21	85	33	43	20
Copper	50	270	270	270	10000		5.8	22	18	18	16	19	20	14	18	17
Cyanide	27	27	27	27	10000					53						
Lead	63	400	400	1000	3900		11	39	14	200	31	12	46	27	36	19
Manganese	1600	2000	2000	10000	10000		430	250	380	0.30	240	400	340	640	300	380
Mercury	0.18	0.81	0.81	2.8	5.7		0.04 J	0.44	0.05 J	16	0.09 J	0.03 J	0.33	0.13	0.19	0.04 J
Nickel	30	140	310	310	10000		10	18	22	0.41 J	13	25	18	17	12	14
Selenium	3.9	36	180	1500	6800		0.37 J	ND	ND	0.61 J	ND	ND	ND	ND	ND	ND
Silver	2	36	180	1500	6800		ND	0.54 J	ND	83	ND	ND	0.39 J	ND	ND	ND
Zinc	109	2200	10000	10000	10000		50	86	61	10000	64	61	86	66	75	74
Metals with No SCOs																
Aluminum							15000	11000	15000	ND	10000	15000	12000	12000	11000	13000
Antimony							ND	ND	ND	6.3	ND	ND	ND	ND	ND	ND
Cobalt							8.8	6.3	11	18000	5.5	9.0	7.8	19	7.7	6.2
Iron							25000	19000	24000	3600	18000	23000	21000	22000	17000	17000
Calcium							2300	3300	2400	2500	3500	3400	3300	2600	4400	3300
Magnesium							2600	2900	3500	650	2400	5300	3200	3000	3200	3300
Potassium							640	760	800	46 J	520	920	800	740	600	740
Sodium							100 J	50 J	63 J	ND	66 J	100 J	58 J	61 J	73 J	100 J
Thallium							ND	ND	ND	23	ND	ND	ND	ND	ND	ND
Vanadium							30	24	32		24	28	26	28	24	20

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

						Sample Location	M1-57		M1-58				M1-59		
						Field Sample ID	M1-57-2-6IN	M1-57-6-12IN	M1-58-2-6IN	M1-58-6-12IN	M1-58-12-18IN	M1-58-18-24IN	M1-59-0-2IN	M1-59-2-6IN	M1-59-6-12IN
						Sample Depth	2 - 6	6 - 12	2 - 6	6 - 12	12 - 18	18 - 24	0 - 2	2 - 6	6 - 12
						Date Sampled	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	09/28/2016	10/10/2016	10/10/2016
	NYSDEC Soil Cleanup Objective														
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial										
Metals With SCOs															
Arsenic	13	16	16	16	16		10	6.3	7.7	4.7	9.1		8.6	7.3	6.2
Barium	350	350	400	400	10000		83	84	67	98	100		57	69	110
Beryllium	7.2	14	72	590	2700		0.58	0.73	0.42 J	0.33 J	0.74		0.38 J	0.54	0.72
Cadmium	2.5	2.5	4.3	9.3	60		2.1	0.69 J	4.2	1.4	0.42 J		7.6	9.4	0.67 J
Chromium, Total	30	36	180	1500	6800		64	23	45	33	20		79	90	23
Copper	50	270	270	270	10000		17	11	18	11	25		17	20	19
Cyanide	27	27	27	27	10000								40		
Lead	63	400	400	1000	3900		39	16	30	16	19		220	37	14
Manganese	1600	2000	2000	10000	10000		610	770	760	170	1100		0.31	230	780
Mercury	0.18	0.81	0.81	2.8	5.7		0.16	0.04 J	2.7	0.27	0.32	0.03 J	13	0.23	0.05 J
Nickel	30	140	310	310	10000		16	16	17	9.6	24		0.37 J	16	28
Selenium	3.9	36	180	1500	6800		0.63 J	0.36 J	0.27 J	ND	ND		0.47 J	ND	ND
Silver	2	36	180	1500	6800		0.36 J	ND	ND	ND	ND		72	0.47 J	ND
Zinc	109	2200	10000	10000	10000		70	54	58	52	62		9700	76	60
Metals with No SCOs															
Aluminum							14000	14000	12000	12000	14000		ND	11000	14000
Antimony							ND	ND	ND	ND	ND		5.6	ND	ND
Cobalt							9.0	12	13	4.2	17		18000	5.9	12
Iron							24000	26000	19000	17000	24000		2700	19000	22000
Calcium							3600	2300	4800	2900	2600		2000	3200	2900
Magnesium							2800	3300	3700	2300	3800		490	2500	3900
Potassium							700	800	610	480	710		38 J	610	820
Sodium							91 J	95 J	95 J	70 J	50 J		ND	46 J	75 J
Thallium							ND	ND	ND	ND	ND		23	ND	ND
Vanadium							27	30	24	24	29			25	27

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

						Sample Location	M1-60		M1-61		M1-62			
						Field Sample ID	M1-60-2-6IN	M1-60-6-12IN	M1-61-0-2IN	M1-61-12-18IN	M1-62-2-6IN	M1-62-6-12IN	M1-62-12-18IN	M1-62-18-24IN
						Sample Depth	2 - 6	6 - 12	0 - 2	12 - 18	2 - 6	6 - 12	12 - 18	18 - 24
						Date Sampled	10/10/2016	10/10/2016	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
NYSDEC Soil Cleanup Objective														
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial									
Metals With SCOs														
Arsenic	13	16	16	16	16		5.3	5.5	7.3	6.4	7.6	4.1	6.3	5.3
Barium	350	350	400	400	10000		78	140	58	100	60	51	100	45
Beryllium	7.2	14	72	590	2700		0.63	0.93	0.35 J	0.53	0.39 J	0.38 J	0.51	0.20 J
Cadmium	2.5	2.5	4.3	9.3	60		0.56 J	ND	9.6	0.52 J	11	0.57 J	ND	ND
Chromium, Total	30	36	180	1500	6800		25	25	97	20	100	14	20	10
Copper	50	270	270	270	10000		13	22	20	23	20	7.8	22	18
Cyanide	27	27	27	27	10000				40					
Lead	63	400	400	1000	3900		19	12	220	14	43	13	14	9.9
Manganese	1600	2000	2000	10000	10000		240	260	0.34	450	160	130	440	420
Mercury	0.18	0.81	0.81	2.8	5.7		0.05 J	0.04 J	14	0.05 J	0.42	0.06 J	0.06 J	0.03 J
Nickel	30	140	310	310	10000		16	27	ND	24	17	11	25	15
Selenium	3.9	36	180	1500	6800		ND	ND	0.64 J	ND	0.34 J	ND	ND	ND
Silver	2	36	180	1500	6800		ND	ND	82	ND	0.56 J	ND	ND	ND
Zinc	109	2200	10000	10000	10000		60	59	9500	59	82	46	68	42
Metals with No SCOs														
Aluminum							13000	17000	ND	13000	10000	10000	14000	7200
Antimony							ND	ND	5.8	ND	ND	ND	ND	ND
Cobalt							7.0	10	16000	11	5.3	6.1	10	7.4
Iron							21000	27000	3200	21000	16000	16000	23000	15000
Calcium							2800	3500	2200	31000	3500	1800	3000	50000
Magnesium							3100	6800	700	10000	2300	2200	5100	19000
Potassium							710	1300	38 J	1100	600	410	960	620
Sodium							76 J	100 J	ND	100 J	52 J	70 J	88 J	110 J
Thallium							ND	ND	20	ND	ND	ND	ND	ND
Vanadium							28	34		26	21	20	25	16

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

					Sample Location	M1-63					NI-62			
					Field Sample ID	M1-63-0-2IN	M1-63-2-6IN	M1-63-6-12IN	M1-63-12-18IN	M1-63-18-24IN	NI-62-12-18IN	NI-62-2-6IN	NI-62-6-12IN	NI-62-18-24IN
					Sample Depth	0 - 2	2 - 6	6 - 12	12 - 18	18 - 24	12 - 18	2 - 6	6 - 12	18 - 24
					Date Sampled	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
	NYSDEC Soil Cleanup Objective													
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial									
Metals With SCOs														
Arsenic	13	16	16	16	16	6.9	9.7	3.1	2.8	8.0	4.3	5.8	4.6	4.6
Barium	350	350	400	400	10000	70	67	98	110	140	120	62	52	35
Beryllium	7.2	14	72	590	2700	0.40 J	0.38 J	0.43 J	0.60	0.76	0.40 J	0.38 J	0.47 J	0.15 J
Cadmium	2.5	2.5	4.3	9.3	60	15	17	0.84 J	ND	ND	ND	0.52 J	ND	0.09 J
Chromium, Total	30	36	180	1500	6800	110	140	18	14	18	16	16	13	9.2
Copper	50	270	270	270	10000	22	25	8.6	10	24	15	11	10	14
Cyanide	27	27	27	27	10000	50								
Lead	63	400	400	1000	3900	130	69	18	9.3	12	9.0	21	14	8.9
Manganese	1600	2000	2000	10000	10000	0.48	120	970	91	200	190	250	130	560
Mercury	0.18	0.81	0.81	2.8	5.7	14	0.63	0.10	0.04 J	0.02 J	0.05 J	0.078 J	0.04 J	0.02 J
Nickel	30	140	310	310	10000	0.35 J	12	9.9	14	24	16	12	12	14
Selenium	3.9	36	180	1500	6800	0.74 J	1.0 J	0.33 J	ND	ND	ND	ND	ND	ND
Silver	2	36	180	1500	6800	89	1.0 J	ND	ND	ND	ND	ND	ND	ND
Zinc	109	2200	10000	10000	10000	8800	90	42	42	50	50	54	46	41
Metals with No SCOs														
Aluminum						ND	7900	10000	11000	14000	13000	10000	12000	6000
Antimony						4.3	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt						14000	3.3	7.9	5.8	11	6.0	5.9	4.8	6.3
Iron						4200	11000	11000	15000	31000	17000	17000	18000	13000
Calcium						1800	5200	3400	2500	3500	2800	3000	2400	34000
Magnesium						660	1600	1800	2600	5000	3200	2200	2400	17000
Potassium						43 J	560	530	540	840	670	520	520	500
Sodium						ND	56 J	100 J	96 J	110 J	110 J	85 J	110 J	110 J
Thallium						18	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium							14	14	22	31	20	21	22	14

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

					Sample Location	N1-63				N1-64				N1-65	
					Field Sample ID	N1-63-2-6IN	N1-63-6-12IN	N1-63-12-18IN	N1-63-18-24IN	N1-64-2-6IN	N1-64-6-12IN	N1-64-12-18IN	N1-64-18-24IN	N1-65-2-6IN	N1-65-6-12IN
					Sample Depth	2 - 6	6 - 12	12 - 18	18 - 24	2 - 6	6 - 12	12 - 18	18 - 24	2 - 6	6 - 12
					Date Sampled	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
				NYSDEC Soil Cleanup Objective											
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial										
Metals With SCOs															
Arsenic	13	16	16	16	16	7.8	5.2	5.1	4.6	7.1	6.2	6.1	4.3	8.3	5.1
Barium	350	350	400	400	10000	68	100	140	120	81	130	100	83	72	88
Beryllium	7.2	14	72	590	2700	0.50 J	0.88	0.85	0.60	0.62	0.69	0.51	0.43 J	0.54	0.61
Cadmium	2.5	2.5	4.3	9.3	60	3.0	0.16 J	ND	ND	0.24 J	0.13 J	ND	ND	5.4	0.66 J
Chromium, Total	30	36	180	1500	6800	47	21	26	20	24	23	17	16	63	22
Copper	50	270	270	270	10000	15	20	28	21	10	12	17	16	17	10
Cyanide	27	27	27	27	10000										
Lead	63	400	400	1000	3900	30	12	11	9.0	24	18	13	8.8	34	15
Manganese	1600	2000	2000	10000	10000	370	430	1000	530	920	3100	180	180	450	900
Mercury	0.18	0.81	0.81	2.8	5.7	0.34	0.07 J	0.02 J	0.02 J	0.12	0.06 J	0.04 J	0.04 J	0.33	0.08
Nickel	30	140	310	310	10000	15	23	37	26	12	20	20	18	13	13
Selenium	3.9	36	180	1500	6800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	2	36	180	1500	6800	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND
Zinc	109	2200	10000	10000	10000	64	64	59	49	59	77	64	54	67	49
Metals with No SCOs															
Aluminum						11000	16000	19000	15000	12000	16000	13000	12000	9400	11000
Antimony						ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt						11	12	18	12	9.5	42	8.4	6.5	6.2	9.1
Iron						22000	24000	30000	24000	34000	37000	19000	21000	18000	22000
Calcium						5900	2600	7400	36000	4400	2700	2400	2600	3200	2400
Magnesium						2800	4300	11000	11000	2400	4000	3700	4200	2200	2400
Potassium						670	990	1500	1300	740	1000	830	810	550	530
Sodium						73 J	100 J	180 J	180 J	120 J	130 J	110 J	110 J	50 J	57 J
Thallium						ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium						26	28	33	27	37	32	24	21	23	25

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

						Sample Location	P1-64			P1-65		P1-66			P1-67	
						Field Sample ID	P1-64-0-2IN	P1-64-2-6IN	P1-64-6-12IN	P1-65-2-6IN	P1-65-6-12IN	P1-66-0-2IN	P1-66-2-6IN	P1-66-6-12IN	P1-67-2-6IN	P1-67-6-12IN
						Sample Depth	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12
						Date Sampled	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
						NYSDEC Soil Cleanup Objective										
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial											
Metals With SCOs																
Arsenic	13	16	16	16	16		9.5	7.4	5.6	5.8	6.4	7.3	6.0	4.8	7.8	5.9
Barium	350	350	400	400	10000		84	80	76	67	100	59	76	74	82	100
Beryllium	7.2	14	72	590	2700		0.56 J	0.60	0.64	0.67	0.72	0.39 J	0.45 J	0.43 J	0.42 J	0.48
Cadmium	2.5	2.5	4.3	9.3	60		26	4.0	0.27 J	0.24 J	0.29 J	12	2.0	0.54 J	4.5	1.4
Chromium, Total	30	36	180	1500	6800		220	46	21	19	15	120	38	36	80	28
Copper	50	270	270	270	10000		36	17	9.2	8.8	15	21	14	14	18	15
Cyanide	27	27	27	27	10000		84			0.55 J		46				
Lead	63	400	400	1000	3900		180	32	21	21	13	240	22	15	38	20
Manganese	1600	2000	2000	10000	10000		0.56	610	890	1300	880	0.49	640	310	520	770
Mercury	0.18	0.81	0.81	2.8	5.7		20	0.19	0.09	0.07 J	0.04 J	15	0.20	0.10	0.29	0.12
Nickel	30	140	310	310	10000		0.84 J	14	11	11	23	0.46 J	13	16	14	15
Selenium	3.9	36	180	1500	6800		1.5	ND	ND	ND	ND	0.83 J	ND	ND	0.37 J	ND
Silver	2	36	180	1500	6800		130	ND	ND	ND	ND	90	ND	ND	0.40 J	ND
Zinc	109	2200	10000	10000	10000		11000	74	51	49	48	8600	58	52	72	56
Metals with No SCOs																
Aluminum							ND	11000	12000	11000	10000	ND	10000	12000	9800	11000
Antimony							6.8	ND	ND	ND	ND	5.2	ND	ND	ND	ND
Cobalt							17000	7.3	10	15	14	15000	8.4	6.2	7.5	8.8
Iron							4600	23000	29000	33000	20000	4300	18000	18000	18000	20000
Calcium							2600	3800	3200	3400	2200	2200	3900	3500	2600	2500
Magnesium							840	2100	2200	2600	2800	680	3000	3500	2200	2600
Potassium							68 J	690	690	480	550	47 J	580	680	630	670
Sodium							ND	48 J	69 J	65 J	64 J	ND	60 J	78 J	34 J	39 J
Thallium							27	ND	ND	ND	ND	19	ND	ND	ND	ND
Vanadium								29	33	27	25		21	21	22	26

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

					Sample Location	Q1-65		Q1-66		Q1-67			Q1-68		
					Field Sample ID	Q1-65-2-6IN	Q1-65-6-12IN	Q1-66-2-6IN	Q1-66-6-12IN	Q1-67-2-6IN	Q1-67-6-12IN	Q1-67-12-18IN	Q1-68-0-2IN	Q1-68-2-6IN	Q1-68-6-12IN
					Sample Depth	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12	12 - 18	0 - 2	2 - 6	6 - 12
					Date Sampled	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	09/28/2016	10/10/2016	10/10/2016
NYSDEC Soil Cleanup Objective															
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial										
Metals With SCOs															
Arsenic	13	16	16	16	16	5.2	5.2	4.9	4.5	8.7	8.4	7.7	8.5	5.7	3.3
Barium	350	350	400	400	10000	59	81	69	70	82	89	100	68	66	63
Beryllium	7.2	14	72	590	2700	0.51	0.68	0.39 J	0.40 J	0.56	0.62	0.50	0.40 J	0.33 J	0.36 J
Cadmium	2.5	2.5	4.3	9.3	60	1.4	ND	1.6	0.70 J	6.2	3.0	0.41 J	12	3.3	0.18 J
Chromium, Total	30	36	180	1500	6800	24	17	22	18	91	59	19	130	45	14
Copper	50	270	270	270	10000	9.2	18	13	12	21	16	26	24	14	7.8
Cyanide	27	27	27	27	10000								51		
Lead	63	400	400	1000	3900	18	10	16	12	39	31	15	290	26	11
Manganese	1600	2000	2000	10000	10000	500	210	450	330	460	700	540	0.50	500	320
Mercury	0.18	0.81	0.81	2.8	5.7	0.11	0.05 J	0.21	0.07 J	0.27	0.20	0.04 J	15	0.18	0.04 J
Nickel	30	140	310	310	10000	10	19	14	14	16	15	27	0.58 J	12	11
Selenium	3.9	36	180	1500	6800	ND	ND	ND	ND	0.73 J	0.44 J	ND	0.86 J	ND	ND
Silver	2	36	180	1500	6800	ND	ND	ND	ND	0.59 J	0.41 J	ND	97	0.22 J	ND
Zinc	109	2200	10000	10000	10000	47	56	51	44	87	77	70	9000	59	40
Metals with No SCOs															
Aluminum						9600	11000	9700	9800	11000	12000	13000	ND	8500	9600
Antimony						ND	ND	ND	ND	ND	ND	ND	5.3	ND	ND
Cobalt						6.9	7.1	7.6	6.1	6.3	8.1	11	16000	6.2	5.5
Iron						21000	20000	16000	16000	19000	21000	21000	3900	14000	15000
Calcium						2400	2200	2100	1900	3700	3900	20000	2200	7600	2000
Magnesium						2000	3400	2400	2400	2500	2600	14000	590	3600	2300
Potassium						440	670	610	580	650	650	870	52 J	440	420
Sodium						64 J	75 J	35 J	42 J	56 J	68 J	98 J	ND	84 J	58 J
Thallium						ND	ND	ND	ND	ND	ND	ND	19	ND	ND
Vanadium						24	23	21	21	22	24	24		19	20

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

						Sample Location	Q1-69			R1-67			R1-68		R1-69					
						Field Sample ID	Q1-69-2-6IN	Q1-69-6-12IN	Q1-69-12-18IN	R1-67-0-2IN	R1-67-2-6IN	R1-67-6-12IN	R1-68-2-6IN	R1-68-6-12IN	R1-69-2-6IN	R1-69-6-12IN				
						Sample Depth	2 - 6	6 - 12	12 - 18	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12				
						Date Sampled	10/10/2016	10/10/2016	10/10/2016	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016				
						NYSDEC Soil Cleanup Objective														
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial															
Metals With SCOs																				
Arsenic	13	16	16	16	16		8.2	7.3	7.0	7.3	5.2	4.9	8.4	5.5	6.3	4.9				
Barium	350	350	400	400	10000		62	70	83	59	74	84	75	78	79	89				
Beryllium	7.2	14	72	590	2700		0.46 J	0.56	0.46	0.35 J	0.55	0.79	0.39 J	0.44 J	0.52	0.60				
Cadmium	2.5	2.5	4.3	9.3	60		11	3.2	0.30 J	10	2.6	0.94	7.4	0.15 J	4.1	ND				
Chromium, Total	30	36	180	1500	6800		87	38	15	88	47	29	66	19	60	16				
Copper	50	270	270	270	10000		17	13	20	16	13	18	18	16	16	8.5				
Cyanide	27	27	27	27	10000					41										
Lead	63	400	400	1000	3900		39	26	15	330	22	14	33	13	27	13				
Manganese	1600	2000	2000	10000	10000		390	880	850	0.34	480	570	450	200	820	740				
Mercury	0.18	0.81	0.81	2.8	5.7		0.41	0.16	0.03 J	13	0.14	0.09	0.55	0.07 J	0.33	0.12				
Nickel	30	140	310	310	10000		12	12	24	0.44 J	14	19	14	16	14	13				
Selenium	3.9	36	180	1500	6800		0.68 J	0.44 J	ND	0.57 J	ND	ND	ND	ND	ND	ND				
Silver	2	36	180	1500	6800		0.47 J	0.24 J	ND	77	ND	ND	0.34 J	ND	ND	ND				
Zinc	109	2200	10000	10000	10000		78	61	54	8600	62	71	72	52	66	50				
Metals with No SCOs																				
Aluminum							9200	10000	10000	ND	11000	14000	9000	11000	9500	12000				
Antimony							ND	ND	ND	5.1	ND	ND	ND	ND	ND	ND				
Cobalt							5.0	13	15	15000	6.3	9.8	6.1	6.5	8.1	8.3				
Iron							15000	18000	19000	2800	20000	22000	16000	18000	18000	21000				
Calcium							3000	2700	3600	1800	2600	2400	3600	2100	3000	2400				
Magnesium							2000	2200	4000	560	2400	3500	2200	3000	2200	2700				
Potassium							490	460	650	35 J	530	750	470	650	620	580				
Sodium							42 J	50 J	63 J	ND	58 J	84 J	51 J	58 J	42 J	60 J				
Thallium							ND	ND	ND	19	ND	ND	ND	ND	ND	ND				
Vanadium							19	21	22		25	26	21	23	19	23				

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
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AMHERST, NEW YORK

TABLE 3
FAIRWAY SOIL SAMPLE RESULTS

					Sample Location	R1-70			S1-69		S1-70		
					Field Sample ID	R1-70-0-2IN	R1-70-2-6IN	R1-70-6-12IN	S1-69-2-6IN	S1-69-6-12IN	S1-70-2-6IN	S1-70-6-12IN	
					Sample Depth	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12	
					Date Sampled	09/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	
NYSDEC Soil Cleanup Objective													
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial								
Metals With SCOs													
Arsenic	13	16	16	16	16	7.8	9.4	6.4	6.5	7.6	34	5.4	
Barium	350	350	400	400	10000	62	74	90	80	93	74	110	
Beryllium	7.2	14	72	590	2700	0.34 J	0.54	0.63	0.58	0.62	0.52	0.55	
Cadmium	2.5	2.5	4.3	9.3	60	15	12	0.78 J	2.8	0.99	2.2	0.20 J	
Chromium, Total	30	36	180	1500	6800	100	97	24	39	18	42	21	
Copper	50	270	270	270	10000	20	21	16	13	20	17	18	
Cyanide	27	27	27	27	10000	44							
Lead	63	400	400	1000	3900	280	44	17	23	12	45	12	
Manganese	1600	2000	2000	10000	10000	0.60	320	580	780	830	470	440	
Mercury	0.18	0.81	0.81	2.8	5.7	13	0.76	0.12	0.30	0.05 J	2.7	0.07 J	
Nickel	30	140	310	310	10000	0.46 J	16	18	13	27	14	17	
Selenium	3.9	36	180	1500	6800	0.73 J	0.69 J	ND	0.54 J	ND	0.26 J	ND	
Silver	2	36	180	1500	6800	82	0.66 J	ND	0.24 J	ND	ND	ND	
Zinc	109	2200	10000	10000	10000	7800	92	65	62	65	76	59	
Metals with No SCOs													
Aluminum						ND	10000	12000	10000	12000	10000	13000	
Antimony						4.7	ND	ND	ND	ND	ND	ND	
Cobalt						13000	5.8	8.6	9.7	12	6.4	9.2	
Iron						3900	17000	20000	19000	22000	18000	25000	
Calcium						1900	3600	7600	2700	2600	3200	2300	
Magnesium						410	2600	5700	2300	3600	2300	3100	
Potassium						55 J	710	850	580	760	720	810	
Sodium						ND	59 J	71 J	44 J	53 J	44 J	73 J	
Thallium						16	ND	ND	ND	ND	ND	ND	
Vanadium							20	23	21	24	22	28	

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 4
ROUGH SOIL SAMPLE RESULTS

						Sample Location	G1-46		K1-54			K1-59		K1-62	
						Field Sample ID	G1-46-2-6IN	G1-46-6-12IN	K1-54-0-2IN	K1-54-2-6IN	K1-54-6-12IN	K1-59-2-6IN	K1-59-6-12IN	K1-62-2-6IN	K1-62-6-12IN
						Sample Depth	2 - 6	6 - 12	0 - 2	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12
						Date Sampled	10/10/2016	10/10/2016	9/28/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
						NYSDEC Soil Cleanup Objective									
Parameter	**Unrestricted**	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**										
Metals With SCOs															
Arsenic	13	16	16	16	16		**7.3**	**5.0**	**7.4**	**8.9**	**3.8**	**6.4**	**4.6**	**15**	**8.5**
Barium	350	350	400	400	10000		**64**	**140**	**95**	**88**	**86**	**100**	**120**	**57**	**64**
Beryllium	7.2	14	72	590	2700		**0.46 J**	**0.84**	**0.54**	**0.51**	**0.48 J**	**0.68**	**0.80**	**0.42 J**	**0.51**
Cadmium	2.5	2.5	4.3	9.3	60		**0.67 J**	ND	**8.6**	**8.0**	**0.19 J**	**0.76 J**	**0.32 J**	**0.21 J**	ND
Chromium, Total	30	36	180	1500	6800		**33**	**22**	**63**	**94**	**21**	**46**	**24**	**21**	**17**
Copper	50	270	270	270	10000		**14**	**18**	**23**	**20**	**6.5**	**15**	**12**	**13**	**14**
Cyanide	27	27	27	27	10000				**26**					ND	
Lead	63	400	400	1000	3900		**34**	**10**	**410**	**44**	**15**	**32**	**15**	**22**	**16**
Manganese	1600	2000	2000	10000	10000		**230**	**360**	**0.46**	**290**	**130**	**780**	**1100**	**180**	**230**
Mercury	0.18	0.81	0.81	2.8	5.7		**0.58**	**0.03 J**	**22**	**0.46**	**0.06 J**	**0.19**	**0.04 J**	**0.20**	**0.08**
Nickel	30	140	310	310	10000		**14**	**25**	ND	**16**	**9.2**	**15**	**20**	**14**	**15**
Selenium	3.9	36	180	1500	6800		**0.40 J**	ND	**0.26 J**	**0.51 J**	**0.45 J**	ND	ND	ND	ND
Silver	2	36	180	1500	6800		ND	ND	**72**	**0.55 J**	ND	ND	ND	ND	ND
Zinc	109	2200	10000	10000	10000		**66**	**51**	**13000**	**79**	**39**	**75**	**60**	**59**	**53**
Metals with No SCOs															
Aluminum							**11000**	**18000**	ND	**14000**	**18000**	**14000**	**16000**	**12000**	**13000**
Antimony							ND	ND	**9.6**	ND	ND	ND	ND	ND	ND
Cobalt							**5.6**	**14**	**22000**	**5.6**	**3.3**	**18**	**12**	**6.0**	**7.1**
Iron							**18000**	**30000**	**5300**	**22000**	**33000**	**26000**	**24000**	**17000**	**20000**
Calcium							**3900**	**2900**	**4100**	**4700**	**2500**	**4600**	**3400**	**2400**	**2200**
Magnesium							**2600**	**5700**	**1000**	**2300**	**2100**	**2900**	**3900**	**2700**	**3100**
Potassium							**730**	**1100**	**75 J**	**830**	**1000**	**890**	**1000**	**590**	**630**
Sodium							**48**	**78 J**	ND	**99**	**100 J**	**100**	**140 J**	**34**	**41 J**
Thallium							ND	ND	**26**	ND	ND	ND	ND	ND	ND
Vanadium							**23**	**31**		**26**	**24**	**27**	**29**	**23**	**25**

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 4
ROUGH SOIL SAMPLE RESULTS

						Sample Location	L1-51		P1-69		Q1-58		Q1-62				
						Field Sample ID	L1-51-2-6IN	L1-51-6-12IN	P1-69-2-6IN	P1-69-6-12IN	Q1-58-2-6IN	Q1-58-6-12IN	Q1-62-0-2IN		Q1-62-2-6IN		Q1-62-6-12IN
						Sample Depth	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12	0 - 2		2 - 6		6 - 12
						Date Sampled	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	9/28/2016		10/10/2016		10/10/2016
NYSDEC Soil Cleanup Objective																	
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial												
Metals With SCOs																	
Arsenic	13	16	16	16	16		4.1	5.1	11	6.4	3.8	4.9	6.4		7.4		4.8
Barium	350	350	400	400	10000		61	84	150	140	91	74	45		47		88
Beryllium	7.2	14	72	590	2700		0.44 J	0.68	0.77	0.78	0.67	0.51	0.34	J	0.39	J	0.74
Cadmium	2.5	2.5	4.3	9.3	60		0.06 J	ND	1.7	0.94	0.18 J	ND	0.60	J	0.94		0.32 J
Chromium, Total	30	36	180	1500	6800		13	21	26	17	18	15	18		18		16
Copper	50	270	270	270	10000		6.6	13	13	15	15	14	12		12		13
Cyanide	27	27	27	27	10000								39				
Lead	63	400	400	1000	3900		16	8.5	40	11	14	44	99		35		12
Manganese	1600	2000	2000	10000	10000		150	130	3700	880	460	160	0.16		180		680
Mercury	0.18	0.81	0.81	2.8	5.7		0.06 J	0.04 J	0.29	0.065 J	0.08	0.12	12		0.10		0.04 J
Nickel	30	140	310	310	10000		7.5	14	13	20	22	14	0.48	J	11		18
Selenium	3.9	36	180	1500	6800		0.31 J	ND	0.38 J	ND	ND	0.34 J	ND		0.42	J	ND
Silver	2	36	180	1500	6800		ND	ND	0.45 J	ND	ND	ND	71		ND		ND
Zinc	109	2200	10000	10000	10000		38	47	67	62	50	53	9200		66		57
Metals with No SCOs																	
Aluminum							11000	17000	11000	14000	13000	12000	ND		10000		13000
Antimony							ND	ND	ND	ND	ND	ND	4.6		ND		ND
Cobalt							3.2	5.1	26	9.2	9.0	4.3	15000		4.9		9.8
Iron							19000	28000	28000	21000	20000	16000	1800		17000		21000
Calcium							1200	1000	2700	2300	2200	2400	1700		2100		1400
Magnesium							1700	3000	2300	3300	3400	2100	460		1800		2900
Potassium							460	680	440	700	960	730	42	J	510		740
Sodium							44	62 J	57	64 J	41	48 J	ND		48		57 J
Thallium							ND	ND	ND	ND	ND	ND	20		ND		ND
Vanadium							23	36	24	23	23	23			21		24

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

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TABLE 4
ROUGH SOIL SAMPLE RESULTS

					Sample Location	R1-66		TI-66		U1-75			
					Field Sample ID	R1-66-2-6IN	R1-66-6-12IN	TI-66-2-6IN	TI-66-6-12IN	U1-75-2-6IN	U1-75-6-12IN	U1-75-12-18IN	U1-75-18-24IN
					Sample Depth	2 - 6	6 - 12	2 - 6	6 - 12	2 - 6	6 - 12	12 - 18	18 - 24
					Date Sampled	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016	10/10/2016
NYSDEC Soil Cleanup Objective													
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial								
Metals With SCOs													
Arsenic	13	16	16	16	16	6.0	4.1	6.5	3.8	4.6	6.0	5.5	
Barium	350	350	400	400	10000	89	76	76	66	19	30	19	
Beryllium	7.2	14	72	590	2700	0.72	0.59	0.43 J	0.44 J	ND U	ND	0.05 J	
Cadmium	2.5	2.5	4.3	9.3	60	0.47 J	ND	0.86 J	ND	3.0	66	8.3	ND
Chromium, Total	30	36	180	1500	6800	19	18	24	14	18	31	7.5	
Copper	50	270	270	270	10000	18	18	13	8.9	16	24	14	
Cyanide	27	27	27	27	10000								
Lead	63	400	400	1000	3900	15	9.2	22	10	36	210	18	
Manganese	1600	2000	2000	10000	10000	760	220	690	370	230	140	240	
Mercury	0.18	0.81	0.81	2.8	5.7	0.04 J	0.04 J	0.20	0.03 J	0.39	2.0	0.82	1.4
Nickel	30	140	310	310	10000	22	20	13	12	5.7	8.1	11	
Selenium	3.9	36	180	1500	6800	ND	ND	ND	ND	0.26 J	0.32 J	ND	
Silver	2	36	180	1500	6800	ND	ND	ND	ND	ND	ND	ND	
Zinc	109	2200	10000	10000	10000	61	62	60	45	55	99	48	
Metals with No SCOs													
Aluminum						12000	12000	10000	11000	2400	3100	3300	
Antimony						ND	ND	ND	ND	ND	ND	ND	
Cobalt						11	6.7	10	6.2	2.2	2.3	2.9	
Iron						22000	20000	20000	19000	6500	7600	6200	
Calcium						2200	5800	8000	2700	170000	140000	240000	
Magnesium						3300	5400	5000	2800	12000	6000	8000	
Potassium						740	750	670	610	330	330	440	
Sodium						63	94 J	80	94 J	85	63	85	
Thallium						ND	ND	ND	ND	ND	ND	ND	
Vanadium						26	22	23	23	5.8	6.9	7.3	

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

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TABLE 4
ROUGH SOIL SAMPLE RESULTS

					Sample Location	U1-70		
					Field Sample ID	U1-70-2-6IN	U1-70-6-12IN	U1-70-12-18IN
					Sample Depth	2 - 6	6 - 12	12 - 18
					Date Sampled	10/10/2016	10/10/2016	10/10/2016
					NYSDEC Soil Cleanup Objective			
Parameter	**Unrestricted**	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**			
Metals With SCOs								
Arsenic	13	16	16	16	16	**8.0**	**6.0**	**5.5**
Barium	350	350	400	400	10000	**71**	**120**	**84**
Beryllium	7.2	14	72	590	2700	**0.39 J**	**0.47**	**0.43 J**
Cadmium	2.5	2.5	4.3	9.3	60	**1.8**	**0.38 J**	ND
Chromium, Total	30	36	180	1500	6800	**66**	**18**	**17**
Copper	50	270	270	270	10000	**19**	**24**	**19**
Cyanide	27	27	27	27	10000			
Lead	63	400	400	1000	3900	**34**	**13**	**11**
Manganese	1600	2000	2000	10000	10000	**480**	**1600**	**240**
Mercury	0.18	0.81	0.81	2.8	5.7	**0.61**	**0.04 J**	**0.03 J**
Nickel	30	140	310	310	10000	**15**	**30**	**20**
Selenium	3.9	36	180	1500	6800	ND	ND	ND
Silver	2	36	180	1500	6800	**0.35 J**	ND	ND
Zinc	109	2200	10000	10000	10000	**82**	**58**	**63**
Metals with No SCOs								
Aluminum						**9700**	**11000**	**12000**
Antimony						ND	ND	ND
Cobalt						**5.9**	**12**	**7.5**
Iron						**17000**	**22000**	**17000**
Calcium						**3300**	**2000**	**9900**
Magnesium						**2200**	**3600**	**8600**
Potassium						**900**	**1100**	**870**
Sodium						**57**	**54**	**74 J**
Thallium						ND	ND	ND
Vanadium						**20**	**23**	**20**

Notes:
All concentrations in mg/kg.
Concentrations above the SCOs shown in the respective color

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TABLE 5
COMPLETE LIST SOIL SAMPLE RESULTS

Sample Location						TEE		FAIRWAY		ROUGH		GREEN	
Field Sample ID						H1-49-2-6IN		P1-65-2-6IN		K1-62-2-6IN		S1-72-2-6IN	
Sample Depth						2 - 6		2 - 6		2 - 6		2 - 6	
Date Sampled						10/10/2016		10/10/2016		10/10/2016		10/10/2016	
Sample Matrix						SO		SO		SO		SO	
Units						mg/kg		mg/kg		mg/kg		mg/kg	
	NYSDEC Soil Cleanup Objective												
Parameter	Unrestricted	Residential	Restricted Residential	Commercial	Industrial								
Pesticides													
Silvex (2,4,5-TP)	3.8 mg/kg	58.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
P,P'-DDE	0.0033 mg/kg	1.8 mg/kg	8.9 mg/kg	62.0 mg/kg	120.0 mg/kg	**0.101**		**0.00313**		ND		ND	
P,P'-DDT	0.0033 mg/kg	1.7 mg/kg	7.9 mg/kg	47.0 mg/kg	94.0 mg/kg	**0.0150**	P	**0.0243**	P	ND		ND	
P,P'-DDD	0.0033 mg/kg	2.6 mg/kg	13.0 mg/kg	92.0 mg/kg	180.0 mg/kg	**0.00364**		ND		ND		ND	
Aldrin	0.005 mg/kg	0.019 mg/kg	0.097 mg/kg	0.68 mg/kg	1.4 mg/kg	ND		ND		ND		ND	
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02 mg/kg	0.097 mg/kg	0.48 mg/kg	3.4 mg/kg	6.8 mg/kg	ND		ND		ND		ND	
Beta Bhc (Beta Hexachlorocyclohexane)	0.036 mg/kg	0.072 mg/kg	0.36 mg/kg	3.0 mg/kg	14.0 mg/kg	ND		ND		ND		ND	
cis-Chlordane	0.094 mg/kg	0.91 mg/kg	4.2 mg/kg	24.0 mg/kg	47.0 mg/kg	ND		**0.00130**	JPI	ND		ND	
Delta BHC (Delta Hexachlorocyclohexane)	0.04 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		**0.0138**		ND	
Dibenzofuran	7.0 mg/kg	14.0 mg/kg	59.0 mg/kg	350.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Dieldrin	0.005 mg/kg	0.039 mg/kg	0.2 mg/kg	1.4 mg/kg	2.8 mg/kg	ND		ND		ND		ND	
Alpha Endosulfan	2.4 mg/kg	4.8 mg/kg	24.0 mg/kg	200.0 mg/kg	920.0 mg/kg	ND		ND		ND		ND	
Beta Endosulfan	2.4 mg/kg	4.8 mg/kg	24.0 mg/kg	200.0 mg/kg	920.0 mg/kg	ND		ND		ND		ND	
Endosulfan Sulfate	2.4 mg/kg	4.8 mg/kg	24.0 mg/kg	200.0 mg/kg	920.0 mg/kg	ND		ND		ND		ND	
Endrin	0.014 mg/kg	2.2 mg/kg	11.0 mg/kg	89.0 mg/kg	410.0 mg/kg	ND		ND		ND		ND	
Heptachlor	0.042 mg/kg	0.42 mg/kg	2.1 mg/kg	15.0 mg/kg	29.0 mg/kg	ND		ND		ND		ND	
Gamma Bhc (Lindane)	0.1 mg/kg	0.28 mg/kg	1.3 mg/kg	9.2 mg/kg	23.0 mg/kg	ND		ND		ND		ND	
PCB													
PCB-1016 (Aroclor 1016)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
PCB-1221 (Aroclor 1221)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
PCB-1232 (Aroclor 1232)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
PCB-1242 (Aroclor 1242)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
PCB-1248 (Aroclor 1248)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
PCB-1254 (Aroclor 1254)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		**0.122**		ND		**0.292**	P
PCB-1260 (Aroclor 1260)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		**0.0534**		ND		**0.0597**	
PCB-1262 (Aroclor 1262)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
PCB-1268 (Aroclor 1268)	0.1 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	25.0 mg/kg	ND		ND		ND		ND	
Semi-volatile Organic Compounds													
Acenaphthene	20.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Acenaphthylene	100.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Anthracene	100.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Benzo(A)Anthracene	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	5.6 mg/kg	11.0 mg/kg	**0.11**	J	**0.053**	J	**0.032**	J	**0.081**	J
Benzo(A)Pyrene	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	1.1 mg/kg	**0.13**	J	**0.056**	J	ND		**0.088**	J
Benzo(B)Fluoranthene	1.0 mg/kg	1.0 mg/kg	1.0 mg/kg	5.6 mg/kg	11.0 mg/kg	**0.18**		**0.077**	J	**0.059**	J	**0.13**	

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TABLE 5
COMPLETE LIST SOIL SAMPLE RESULTS

					Sample Location	**TEE**		**FAIRWAY**		**ROUGH**		**GREEN**	
					Field Sample ID	**H1-49-2-6IN**		**P1-65-2-6IN**		**K1-62-2-6IN**		**S1-72-2-6IN**	
					Sample Depth	**2 - 6**		**2 - 6**		**2 - 6**		**2 - 6**	
					Date Sampled	**10/10/2016**		**10/10/2016**		**10/10/2016**		**10/10/2016**	
					Sample Matrix	**SO**		**SO**		**SO**		**SO**	
					Units	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
	NYSDEC Soil Cleanup Objective												
Parameter	**Unrestricted**	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**								
Benzo(G,H,I)Perylene	100.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	**0.081**	**J**	**0.041**	**J**	**0.03**	**J**	**0.072**	**J**
Benzo(K)Fluoranthene	0.8 mg/kg	1.0 mg/kg	3.9 mg/kg	56.0 mg/kg	110.0 mg/kg	**0.067**	**J**	ND		ND		**0.046**	**J**
Chrysene	1.0 mg/kg	1.0 mg/kg	3.9 mg/kg	56.0 mg/kg	110.0 mg/kg	**0.13**		**0.059**	**J**	**0.042**	**J**	**0.1**	**J**
Dibenz(A,H)Anthracene	0.33 mg/kg	0.33 mg/kg	0.33 mg/kg	0.56 mg/kg	1.1 mg/kg	ND		ND		ND		ND	
Fluoranthene	100.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	**0.3**		**0.13**		**0.079**	**J**	**0.18**	
Fluorene	30.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Indeno(1,2,3-C,D)Pyrene	0.5 mg/kg	0.5 mg/kg	0.5 mg/kg	5.6 mg/kg	11.0 mg/kg	**0.09**	**J**	**0.042**	**J**	**0.03**	**J**	**0.071**	**J**
Naphthalene	12.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
2-Methylphenol (O-Cresol)	0.33 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Pentachlorophenol	0.8 mg/kg	2.4 mg/kg	6.7 mg/kg	6.7 mg/kg	55.0 mg/kg	ND		ND		ND		ND	
Phenanthrene	100.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	**0.14**		**0.053**	**J**	**0.031**	**J**	**0.094**	**J**
Phenol	0.33 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Pyrene	100.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	**0.24**		**0.1**	**J**	**0.065**	**J**	**0.15**	
1,1,1-Trichloroethane	0.68 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
1,1-Dichloroethane	0.27 mg/kg	19.0 mg/kg	26.0 mg/kg	240.0 mg/kg	480.0 mg/kg	ND		ND		ND		ND	
1,1-Dichloroethene	0.33 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
1,2-Dichlorobenzene	1.1 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
1,2-Dichloroethane	0.02 mg/kg	2.3 mg/kg	3.1 mg/kg	30.0 mg/kg	60.0 mg/kg	ND		ND		ND		ND	
Cis-1,2-Dichloroethylene	0.25 mg/kg	59.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Trans-1,2-Dichloroethene	0.19 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
1,3-Dichlorobenzene	2.4 mg/kg	17.0 mg/kg	49.0 mg/kg	280.0 mg/kg	560.0 mg/kg	ND		ND		ND		ND	
1,4-Dichlorobenzene	1.8 mg/kg	9.8 mg/kg	13.0 mg/kg	130.0 mg/kg	250.0 mg/kg	ND		ND		ND		ND	
1,4-Dioxane (P-Dioxane)	0.1 mg/kg	9.8 mg/kg	13.0 mg/kg	130.0 mg/kg	250.0 mg/kg	ND		ND		ND		ND	
Volatile Organic Compounds													
Acetone	0.05 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Benzene	0.06 mg/kg	2.9 mg/kg	4.8 mg/kg	44.0 mg/kg	89.0 mg/kg	ND		ND		ND		ND	
N-Butylbenzene	12.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Carbon Tetrachloride	0.76 mg/kg	1.4 mg/kg	2.4 mg/kg	22.0 mg/kg	44.0 mg/kg	ND		ND		ND		ND	
Chlorobenzene	1.1 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Chloroform	0.37 mg/kg	10.0 mg/kg	49.0 mg/kg	350.0 mg/kg	700.0 mg/kg	ND		ND		ND		ND	
Ethylbenzene	1.0 mg/kg	30.0 mg/kg	41.0 mg/kg	390.0 mg/kg	780.0 mg/kg	ND		ND		ND		ND	
Hexachlorobenzene	0.33 mg/kg	0.41 mg/kg	1.2 mg/kg	6.0 mg/kg	12.0 mg/kg	ND		ND		ND		ND	
Tert-Butyl Methyl Ether	0.93 mg/kg	62.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Methylene Chloride	0.05 mg/kg	51.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
N-Propylbenzene	3.9 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	
Sec-Butylbenzene	11.0 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg	ND		ND		ND		ND	

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 5
COMPLETE LIST SOIL SAMPLE RESULTS

						Sample Location	**TEE**	**FAIRWAY**	**ROUGH**	**GREEN**
						Field Sample ID	**H1-49-2-6IN**	**P1-65-2-6IN**	**K1-62-2-6IN**	**S1-72-2-6IN**
						Sample Depth	**2 - 6**	**2 - 6**	**2 - 6**	**2 - 6**
						Date Sampled	**10/10/2016**	**10/10/2016**	**10/10/2016**	**10/10/2016**
						Sample Matrix	**SO**	**SO**	**SO**	**SO**
						Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
			NYSDEC Soil Cleanup Objective							
Parameter	**Unrestricted**	**Residential**	**Restricted Residential**	**Commercial**	**Industrial**					
Tetrachloroethylene (PCE)	1.3 mg/kg	5.5 mg/kg	19.0 mg/kg	150.0 mg/kg	300.0 mg/kg		ND	ND	ND	ND
Toluene	0.7 mg/kg	100.0 mg/kg	100.0 mg/kg	500.0 mg/kg	1000.0 mg/kg		ND	ND	ND	ND
Trichloroethylene (TCE)	0.47 mg/kg	10.0 mg/kg	21.0 mg/kg	200.0 mg/kg	400.0 mg/kg		ND	ND	ND	ND
1,3,5-Trimethylbenzene (Mesitylene)	8.4 mg/kg	47.0 mg/kg	52.0 mg/kg	190.0 mg/kg	380.0 mg/kg		ND	ND	ND	ND
Vinyl Chloride	0.02 mg/kg	0.21 mg/kg	0.9 mg/kg	13.0 mg/kg	27.0 mg/kg		ND	ND	ND	ND
Xylenes, Total	0.02 mg/kg	0.21 mg/kg	0.9 mg/kg	13.0 mg/kg	27.0 mg/kg		ND	ND	ND	ND

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AMHERST, NEW YORK

TABLE 6
GROUNDWATER SAMPLE RESULTS

	Field Sample ID	SJB-MW-3-102716		U1-70-112116	
	Date Sampled	10/27/2016		11/21/2016	
	Sample Matrix	WG		WG	
	Units	ug/L		ug/L	
	NYSDEC T.O.G.S GROUNDWATER STANDARDS				
Dissolved Metals					
Aluminum, Dissolved	2000	7	J	-	-
Antimony, Dissolved	6	0.8	J	-	-
Arsenic, Dissolved	50	3.3		-	-
Barium, Dissolved	2000	47.5		-	-
Beryllium, Dissolved	3	0.5	U	-	-
Cadmium, Dissolved	10	0.2	U	-	-
Calcium, Dissolved	NS	315000		-	-
Chromium, Dissolved	100	1.5		-	-
Cobalt, Dissolved	NS	0.6		-	-
Copper, Dissolved	1000	1.7		-	-
Iron, Dissolved	600	26	J	-	-
Lead, Dissolved	50	1	U	-	-
Magnesium, Dissolved	35000	227000		-	-
Manganese, Dissolved	600	101.8		-	-
Mercury, Dissolved	1.4	0.2	U	-	-
Nickel, Dissolved	200	3		-	-
Potassium, Dissolved	NS	7310		-	-
Selenium, Dissolved	20	5	U	-	-
Silver, Dissolved	100	0.4	U	-	-
Sodium, Dissolved	NS	51000		-	-
Thallium, Dissolved	0.5	0.5	U	-	-
Vanadium, Dissolved	NS	5	U	-	-
Zinc, Dissolved	5000	10	U	-	-
Total Metals					
Aluminum, Total	2000	1830		398	
Antimony, Total	6	4	U	4	U
Arsenic, Total	50	7.2		3.8	
Barium, Total	2000	67.8		13.1	
Beryllium, Total	3	0.5	U	0.5	U
Cadmium, Total	10	0.2	U	0.2	U
Calcium, Total	NS	309000		125000	
Chromium, Total	100	3.3		1.1	
Cobalt, Total	NS	2		1	
Copper, Total	1000	4.7		1	
Iron, Total	600	3260		858	
Lead, Total	50	3		0.6	J
Magnesium, Total	35000	222000		114000	
Manganese, Total	600	204.4		173.4	
Mercury, Total	1.4	0.2	U	0.2	U
Nickel, Total	200	5.4		2.4	
Potassium, Total	NS	7140		2810	
Selenium, Total	20	5	U	5	U
Silver, Total	100	0.4	U	0.4	U
Sodium, Total	NS	52800		56700	
Thallium, Total	0.5	0.5	U	0.5	U
Vanadium, Total	NS	3.8	J	5	U
Zinc, Total	5000	12.8		4.5	J

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772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
SUMMARY RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47	As	As	As		
Tee- 2	H1-48		As			
Tee- 3	H1-49		Hg			
Green- 1	S1-71		As	As	Hg	
Green- 2	S1-72	As	As	As		
Green- 3	T1-71		As	As		
Green- 4	T1-72	As	As	As	Hg	
Rough- 1	G1-46		Hg			
Rough- 2	K1-54	Hg, Zn	Cd, Cr			
Rough- 3	K1-59		Cr			
Rough- 4	K1-62		As, Hg			
Rough- 6	L1-51					
Rough- 7	P1-69		Hg, Mn			
Rough- 8	Q1-58					
Rough- 9	Q1-62	Hg				
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70		Cr	Mn		
Rough- 13	U1-75		Cd	Cd	Cd	Hg

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56	As	Cd, Cr			
Fairway- 2	K1-57		Cd, Cr			
Fairway- 3	L1-56		Cd, Cr			
Fairway- 4	L1-57					
Fairway- 5	L1-58		Cd, Cr			
Fairway- 6	L1-59	Hg	Cd, Cr			
Fairway- 7	L1-60		Cd, Cr			
Fairway- 8	L1-61		Cr			
Fairway- 9	M1-57		Cr			
Fairway- 10	M1-58		Cd, Cr	Cd, Cr	Hg	
Fairway- 11	M1-59	Hg	Cd, Cr			
Fairway- 12	M1-60					
Fairway- 13	M1-61	Hg				
Fairway- 14	M1-62		Cd, Cr			
Fairway- 15	M1-63	Hg	Cd, Cr			
Fairway- 17	N1-62					
Fairway- 18	N1-63		Cd, Cr			
Fairway- 19	N1-64			Mn		
Fairway- 20	N1-65		Cr			
Fairway- 22	P1-64	Hg, Zn	Cd, Cr			
Fairway- 23	P1-65					
Fairway- 24	P1-66	Hg	Cr			
Fairway- 25	P1-67		Cd, Cr			
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67		Cd, Cr	Cd, Cr		
Fairway- 29	Q1-68	Hg	Cd, Cr			
Fairway- 30	Q1-69		Cd, Cr	Cd, Cr		
Fairway- 31	R1-67	Hg	Cd, Cr			
Fairway- 32	R1-68		Cd, Cr			
Fairway- 33	R1-69		Cd, Cr			
Fairway- 34	R1-70	Hg	Cd, Cr			
Fairway- 35	S1-69					
Fairway- 36	S1-70	As	Cr			

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
ARSENIC RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND	The compound was not detected at the indicated concentration.
	Values at or below Unrestricted Use standards
	Values above Unrestricted Use standards and at or below Residential Use standards
	Values above Residential Use and at or below Industrial Use standards
	Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
BARIUM RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
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AMHERST, NEW YORK

TABLE 7
BERYLLIUM RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75		ND	ND		

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
CADMIUM RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					

Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Green- 1	S1-71				ND	
Green- 2	S1-72				ND	
Green- 3	T1-71					
Green- 4	T1-72					

Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Rough- 1	G1-46			ND		
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62			ND		
Rough- 6	L1-51			ND		
Rough- 7	P1-69					
Rough- 8	Q1-58			ND		
Rough- 9	Q1-62					
Rough- 10	R1-66			ND		
Rough- 11	T1-66			ND		
Rough- 12	U1-70				ND	
Rough- 13	U1-75					ND

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56			ND		
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60			ND		
Fairway- 13	M1-61					
Fairway- 14	M1-62				ND	ND
Fairway- 15	M1-63				ND	ND
Fairway- 17	N1-62			ND	ND	
Fairway- 18	N1-63				ND	ND
Fairway- 19	N1-64				ND	ND
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65			ND		
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69			ND		
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

WESTWOOD COUNTY CLUB
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AMHERST, NEW YORK

TABLE 7
CHROMIUM RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
LEAD RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
COPPER RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
CYANIDE RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49		ND			

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62		ND			
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
MANGANESE RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
MERCURY RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
NICKEL RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47	ND				
Tee- 2	H1-48					
Tee- 3	H1-49					
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					
Rough- 1	G1-46					
Rough- 2	K1-54	ND				
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61	ND				
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
SELENIUM RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47				ND	
Tee- 2	H1-48		ND	ND		
Tee- 3	H1-49		ND		ND	
Green- 1	S1-71				ND	
Green- 2	S1-72			ND	ND	
Green- 3	T1-71			ND	ND	
Green- 4	T1-72			ND	ND	
Rough- 1	G1-46			ND		
Rough- 2	K1-54					
Rough- 3	K1-59		ND	ND		
Rough- 4	K1-62		ND	ND		
Rough- 6	L1-51			ND		
Rough- 7	P1-69			ND		
Rough- 8	Q1-58		ND			
Rough- 9	Q1-62	ND		ND		
Rough- 10	R1-66		ND	ND		
Rough- 11	T1-66		ND	ND		
Rough- 12	U1-70		ND	ND	ND	
Rough- 13	U1-75				ND	

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56			ND		
Fairway- 2	K1-57		ND	ND	ND	
Fairway- 3	L1-56			ND	ND	
Fairway- 4	L1-57					
Fairway- 5	L1-58		ND	ND		
Fairway- 6	L1-59		ND	ND		
Fairway- 7	L1-60		ND	ND		
Fairway- 8	L1-61		ND	ND		
Fairway- 9	M1-57					
Fairway- 10	M1-58			ND	ND	
Fairway- 11	M1-59		ND	ND		
Fairway- 12	M1-60		ND	ND		
Fairway- 13	M1-61				ND	
Fairway- 14	M1-62			ND	ND	ND
Fairway- 15	M1-63				ND	ND
Fairway- 17	N1-62		ND	ND	ND	ND
Fairway- 18	N1-63		ND	ND	ND	ND
Fairway- 19	N1-64		ND	ND	ND	ND
Fairway- 20	N1-65		ND	ND		
Fairway- 22	P1-64		ND	ND		
Fairway- 23	P1-65		ND	ND		
Fairway- 24	P1-66		ND	ND		
Fairway- 25	P1-67			ND		
Fairway- 26	Q1-65		ND	ND		
Fairway- 27	Q1-66		ND	ND		
Fairway- 28	Q1-67				ND	
Fairway- 29	Q1-68		ND	ND		
Fairway- 30	Q1-69				ND	
Fairway- 31	R1-67		ND	ND		
Fairway- 32	R1-68		ND	ND		
Fairway- 33	R1-69		ND	ND		
Fairway- 34	R1-70			ND		
Fairway- 35	S1-69			ND		
Fairway- 36	S1-70			ND		

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
SILVER RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47				ND	
Tee- 2	H1-48			ND		
Tee- 3	H1-49		ND	ND	ND	
Green- 1	S1-71		ND	ND	ND	
Green- 2	S1-72			ND	ND	
Green- 3	T1-71			ND	ND	
Green- 4	T1-72			ND	ND	
Rough- 1	G1-46		ND	ND		
Rough- 2	K1-54			ND		
Rough- 3	K1-59		ND	ND		
Rough- 4	K1-62		ND	ND		
Rough- 6	L1-51		ND	ND		
Rough- 7	P1-69			ND		
Rough- 8	Q1-58		ND	ND		
Rough- 9	Q1-62		ND	ND		
Rough- 10	R1-66		ND	ND		
Rough- 11	T1-66		ND	ND		
Rough- 12	U1-70			ND	ND	
Rough- 13	U1-75		ND	ND	ND	

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56			ND		
Fairway- 2	K1-57		ND	ND	ND	
Fairway- 3	L1-56			ND	ND	
Fairway- 4	L1-57		ND			
Fairway- 5	L1-58			ND		
Fairway- 6	L1-59		ND	ND		
Fairway- 7	L1-60			ND		
Fairway- 8	L1-61		ND	ND		
Fairway- 9	M1-57			ND		
Fairway- 10	M1-58		ND	ND	ND	
Fairway- 11	M1-59			ND		
Fairway- 12	M1-60		ND	ND		
Fairway- 13	M1-61				ND	
Fairway- 14	M1-62			ND	ND	ND
Fairway- 15	M1-63			ND	ND	ND
Fairway- 17	N1-62		ND	ND	ND	ND
Fairway- 18	N1-63		ND	ND	ND	ND
Fairway- 19	N1-64		ND	ND	ND	ND
Fairway- 20	N1-65			ND		
Fairway- 22	P1-64		ND	ND		
Fairway- 23	P1-65		ND	ND		
Fairway- 24	P1-66		ND	ND		
Fairway- 25	P1-67			ND		
Fairway- 26	Q1-65		ND	ND		
Fairway- 27	Q1-66		ND	ND		
Fairway- 28	Q1-67				ND	
Fairway- 29	Q1-68			ND		
Fairway- 30	Q1-69				ND	
Fairway- 31	R1-67		**ND**	ND		
Fairway- 32	R1-68			ND		
Fairway- 33	R1-69		**ND**	ND		
Fairway- 34	R1-70			ND		
Fairway- 35	S1-69			ND		
Fairway- 36	S1-70		ND	ND		

WESTWOOD COUNTY CLUB
772 NORTH FOREST ROAD
AMHERST, NEW YORK

TABLE 7
ZINC RESULTS

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Tee- 1	H1-47					
Tee- 2	H1-48					
Tee- 3	H1-49					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Green- 1	S1-71					
Green- 2	S1-72					
Green- 3	T1-71					
Green- 4	T1-72					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Rough- 1	G1-46					
Rough- 2	K1-54					
Rough- 3	K1-59					
Rough- 4	K1-62					
Rough- 6	L1-51					
Rough- 7	P1-69					
Rough- 8	Q1-58					
Rough- 9	Q1-62					
Rough- 10	R1-66					
Rough- 11	T1-66					
Rough- 12	U1-70					
Rough- 13	U1-75					

		Metal Contamination by Depth				
Sample #	**Location**	**0-2**	**2-6**	**6-12**	**12-18**	**18-24**
Fairway- 1	K1-56					
Fairway- 2	K1-57					
Fairway- 3	L1-56					
Fairway- 4	L1-57					
Fairway- 5	L1-58					
Fairway- 6	L1-59					
Fairway- 7	L1-60					
Fairway- 8	L1-61					
Fairway- 9	M1-57					
Fairway- 10	M1-58					
Fairway- 11	M1-59					
Fairway- 12	M1-60					
Fairway- 13	M1-61					
Fairway- 14	M1-62					
Fairway- 15	M1-63					
Fairway- 17	N1-62					
Fairway- 18	N1-63					
Fairway- 19	N1-64					
Fairway- 20	N1-65					
Fairway- 22	P1-64					
Fairway- 23	P1-65					
Fairway- 24	P1-66					
Fairway- 25	P1-67					
Fairway- 26	Q1-65					
Fairway- 27	Q1-66					
Fairway- 28	Q1-67					
Fairway- 29	Q1-68					
Fairway- 30	Q1-69					
Fairway- 31	R1-67					
Fairway- 32	R1-68					
Fairway- 33	R1-69					
Fairway- 34	R1-70					
Fairway- 35	S1-69					
Fairway- 36	S1-70					

Notes:

ND The compound was not detected at the indicated concentration.

Values at or below Unrestricted Use standards

Values above Unrestricted Use standards and at or below Residential Use standards

Values above Residential Use and at or below Industrial Use standards

Values in excess of Industrial use standards = "Brownfield"

APPENDIX A
BORING LOGS

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: G1-46
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 1:30 PM Start

Elevation: 598.58
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-G1-46-0-2in	CLAY -dark brown; moist soft	0 ppm Sample collected from 0-2" and 2-6" for Arsenic analysis only.
5	SO-G1-46-2-6in		
	SO-G1-46-6-12in	CLAY -brown; moist; soft	0 ppm Samples collected for 6-12", 12-18", and 18-24" held for Arsenic only.
10			
15	SO-G1-46-12-18in		
20	SO-G1-46-18-24in		
25		CLAY -red brown; moist; soft	0 ppm
30			
35			
40		CLAY -red brown; moist, small in bedded pebbles	0 ppm
45			
46.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: H1-47
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 12:40 PM Start

Elevation: 600
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-H1-47-0-2in	CLAY -dark brown; moist	0 ppm Sample at 0-2in, 2-6in and 6-12in intervals collected for Arsenic only.
5	SO-H1-47-2-6in		
	SO-H1-47-6-12in		
10			
	SO-H1-47-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15			
	SO-H1-47-18-24in		
20			
		CLAY -brown; moist to wet	0 ppm
25			
		CLAY -light red brown	0 ppm
30			
35			
40.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: H1-48
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather:
Comments: 12:10 PM Start

Elevation: 600.62
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-H1-48-0-2in	Silty LOAM	0 ppm Sample collected at 0-2in for Complete List.
	SO-H1-48-2-6in	CLAY -dark brown	0 ppm Sample collected at 2-6in for Arsenic only.
5		Large Rocks	0 ppm
	SO-H1-48-6-12in	CLAY -brown; moist	0 ppm Sample collected at 6-12in, 12-18in, and 18-24in for Arsenic only.
10			
	SO-H1-48-12-18in		
15			
	SO-H1-48-18-24in		
20			
25			
30			
35			
36.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: H1-49
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 12:00 PM Start

Elevation: 601
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-H1-49-0-2in	Sandy LOAM -brown	0 ppm Samples at 0-2in and 2-6in intervals collected for Arsenic only. Field duplicate from 0-2in interval (DUP C).
5	SO-H1-49-2-6in		
	SO-H1-49-6-12in	CLAY -brown; embedded Gravel angular dark grey 1" and smaller; trace coal	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-H1-49-12-18in		
20	SO-H1-49-18-24in		
25			
30			
33.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: K1-54
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 11:45 AM Start

Elevation: 598.72
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-K1-54-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-K1-54-2-6in	CLAY -dark brown	0 ppm Sample at 2-6in interval collected for Arsenic only.
10	SO-K1-54-6-12in	CLAY -brown	0 ppm Samples at 6-12in, 12-18in and 18-24in interval collected for Arsenic only.
15	SO-K1-54-12-18in		
20	SO-K1-54-18-24in		
25			
30			
35			
36.0			

BORING LOG

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141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: K1-56
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 11:00 AM Start

Elevation: 598.865
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-K1-56-0-2in	CLAY -dark brown; trace silt	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-K1-56-2-6in		
	SO-K1-56-6-12in		
10		CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
15	SO-K1-56-12-18in		
20	SO-K1-56-18-24in		
25			
30			
35			
40			
44.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: K1-57
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 11:00 AM Start

Elevation: 598.97
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-K1-57-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-K1-57-2-6in	CLAY -dark brown	0 ppm Sample at 2-6in interval collected for Arsenic only.
10	SO-K1-57-6-12in	CLAY -brown	0 ppm Sample at 6-12in, 12-18in and 18-24in interval collected for Arsenic only.
15	SO-K1-57-12-18in		
20	SO-K1-57-18-24in		
25			
30			
35			
40			
43.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: K1-59
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 1:30 PM Start

Elevation: 599.25
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-K1-59-0-2in	CLAY -dark brown	0 ppm Samples at 0-2in, 2-6in and 6-12in intervals collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP A).
5	SO-K1-59-2-6in		
10	SO-K1-59-6-12in		
15	SO-K1-59-12-18in	Silty SAND -brown; fine; dry	0 ppm Sample at 12-18in interval collected for Arsenic only.
20	SO-K1-59-18-24in	CLAY with red angular rocks, grey rounded rocks	0 ppm Sample at 18-24in interval collected for Arsenic only.
25			
30			
35			
40			
44.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: K1-62
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.61
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-K1-62-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in collected for Complete List and 2-6in intervals collected for Arsenic only.
5	SO-K1-62-2-6in		
	SO-K1-62-6-12in	CLAY -dark brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-K1-62-12-18in		
20	SO-K1-62-18-24in		
25			
30			
35			
40			
45.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: K1-67
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.:
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 2:05 PM Start

Elevation: 602
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-K1-67-0-2in	CLAY -dark brown; moist	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-K1-67-2-6in		
	SO-K1-67-6-12in		
10		CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
15	SO-K1-67-12-18in		
20	SO-K1-67-18-24in		
25			
30			
35			
40			
42.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-51
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 598.13
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-51-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-L1-51-2-6in		
	SO-L1-51-6-12in	CLAY -dark brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-L1-51-12-18in		
20	SO-L1-51-18-24in		
25			
30			
35			
40			
45			
46.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-56
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 598.742
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-56-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-L1-56-2-6in		
	SO-L1-56-6-12in	CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-L1-56-12-18in		
20	SO-L1-56-18-24		
		CLAY -brown; wet	0 ppm
25			
30		CLAY -brown; stiff	0 ppm
35			
40			
41.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-57
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 11:30 AM Start

Elevation: 598.925
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-57-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-L1-57-2-6in	CLAY -dark brown	0 ppm Sample at 2-6in interval collected for Arsenic only.
10	SO-L1-57-6-12in	CLAY -brown	0 ppm Samples at 6-12in, 12-18in and 18-24in intervals collected for Arsenic only.
15	SO-L1-57-12-18in		
20	SO-L1-57-18-24in		
25			
30			
35			
40			
41.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-58
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 10:05 AM Start

Elevation: 599.296
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-58-0-2in	LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-L1-58-2-6in	CLAY -dark brown; trace Silt	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-L1-58-6-12in		
15	SO-L1-58-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-L1-58-18-24in		
25		Silty CLAY-light brown; dry	0 ppm
30		CLAY -brown	0 ppm
35			
40			
43.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-59
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 10:00 AM Start

Elevation: 599.518
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-59-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP D).
	SO-L1-59-2-6in	CLAY -dark brown	0 ppm Sample at 2-6in interval collected for Arsenic only.
5			
	SO-L1-59-6-12in	CLAY -brown	0 ppm Samples at 6-12in, 12-18in and 18-24in intervals collected for Arsenic only.
10			
	SO-L1-59-12-18in		
15			
	SO-L1-59-18-24in		
20			
25			
30			
35			
36			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-59
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 10:00 AM Start

Elevation: 599.518
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
36	8-42	CLAY -brown	0 ppm Samples at 6-12in, 12-18in and 18-24in intervals collected for Arsenic only.
40			
42.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-60
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.757
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-60-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-L1-60-2-6in	silty CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-L1-60-6-12in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15	SO-L1-60-12-18in		
20	SO-L1-60-18-24in		
25			
30			
35			
40			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-60
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.757
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
40	SO-L1-60-10-44in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
44.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: L1-61
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.:
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 9:30 AM Start

Elevation: 600.203
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-L1-61-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-L1-61-2-6in		
5	SO-L1-61-6-12in	CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
10		CLAY -brown; embedded Gravel angular dark grey 0.25"	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
15	SO-L1-61-12-18in		
20	SO-L1-61-18-24in		
25			
30			
35			
40			
45			
46.0			

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Borehole ID: M1-57
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 10:30 AM Start

Elevation: 598.914
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-57-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-M1-57-2-6in		
5		CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
	SO-M1-57-6-12in		
10		CLAY -brown	0 ppm Samples at 12-18in, and 18-24in intervals collected for Arsenic only.
	SO-M1-57-12-18in		
15			
	SO-M1-57-18-24in		
20			
25			
30			
32.0			

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Borehole ID: M1-58
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 10:25 AM Start

Elevation: 599.315
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-58-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-M1-58-2-6in		
5		CLAY -brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
	SO-M1-58-6-12in		
10		CLAY -brown; dry	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
	SO-M1-58-12-18in		
15			
	SO-M1-58-18-24in		
20			
25			
30			
35			
40			
45			
48.0			

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Borehole ID: M1-59
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.537
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-59-0-2in	CLAY -brown	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-M1-59-2-6in	SILT -brown	0 ppm Sample at 2-6in interval collected for Arsenic only.
10	SO-M1-59-6-12in	CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
15	SO-M1-59-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-M1-59-18-24in		
25			
30			
35			
40			

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Borehole ID: M1-59
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.537
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
40		CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
	SO-M1-59-13-48in		
45			
48.0			

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Borehole ID: M1-60
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.877
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-60-0-2in	Silty and Sandy LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-M1-60-2-6in	SILT -brown	0 ppm Sample at 2-6in interval collected for Arsenic only.
10	SO-M1-60-6-12in	CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
15	SO-M1-60-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-M1-60-18-24in		
25			
30			
35			
40			
45			
48.0			

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Borehole ID: M1-61
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 2:38 PM Start

Elevation: 600.22
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-61-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-M1-61-2-6in	CLAY -brown	0 ppm Samples at 2-6in, 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
5			
	SO-M1-61-6-12in		
10			
	SO-M1-61-12-18in		
15			
	SO-M1-61-18-24in		
20			
25			
30			
35			
40			
44.0			

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Borehole ID: M1-62
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.48
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-62-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-M1-62-2-6in		
5		CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
	SO-M1-62-6-12in		
10		CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
	SO-M1-62-12-18in		
15			
	SO-M1-62-18-24in		
20			
25			
30			
35			
40			
44.0			

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Borehole ID: M1-63
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.073
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-M1-63-0-2in	Clayey LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-M1-63-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-M1-63-6-12in		
15	SO-M1-63-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-M1-63-18-24in		
25			
30			
35			
40		Silty CLAY -red brown; wet	0 ppm
45.0			

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Borehole ID: N1-61
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 601
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-N1-61-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP E).
	SO-N1-61-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
5			
	SO-N1-61-6-12in		
10		CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
	SO-N1-61-12-18in		
15			
	SO-N1-61-18-24in		
20			
24			

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Borehole ID: N1-61
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 601
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
24		CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
25			
30			
	SO-N1-61-9-43in		
35			
40			
43.0			

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Borehole ID: N1-62
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.936
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-N1-62-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-N1-62-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in, 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10	SO-N1-62-6-12in	Clay -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15	SO-N1-62-12-18in		
20	SO-N1-62-18-24in		
25			
30			
35			
40			
43.0			

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Borehole ID: N1-63
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.:
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 9:00 AM Start

Elevation: 600.263
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-N1-63-0-2in	Silty LOAM -brown	0 ppm Sample at 0-2in interval collected for Arsenic only.
	SO-N1-63-2-6in	CLAY -dark brown	0 ppm Sample at 2-6in intervals collected for Arsenic only.
5	SO-N1-63-6-12in	CLAY -brown	0 ppm Samples at 6-12in, 12-18in and 18-24in intervals collected for Arsenic only.
10	SO-N1-63-12-18in		
15	SO-N1-63-18-24in		
20			
25			
30			
35			
40			
42.0			

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Borehole ID: N1-64
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.005
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-N1-64-0-2in	Clayey LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-N1-64-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-N1-64-6-12in		
15	SO-N1-64-12-18in	Clay -brown; wet	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-N1-64-18-24in		
25			
30			
35		CLAY -brown	0 ppm
40			
43.0			

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Borehole ID: N1-65
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.867
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-N1-65-0-2in	CLAY -dark brown; wet	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-N1-65-2-6in		
5		CLAY -brown; wet	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
	SO-N1-65-6-12in		
10			
	SO-N1-65-12-18in		
15			
	SO-N1-65-18-24in		
20		CLAY -brown; hard; dry	0 ppm
25			
30			
35			
40			
45			
46.0			

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Borehole ID: P1-63
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.818
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-P1-63-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-P1-63-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-P1-63-6-12in		
15	SO-P1-63-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-P1-63-18-24in		
25			
30			
35			
40			
45.0			

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Borehole ID: P1-64
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.57
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-P1-64-0-2in	Silty CLAY -dark brown; wet	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP F).
5	SO-P1-64-2-6in		
	SO-P1-64-6-12in	CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
10			
15	SO-P1-64-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-P1-64-18-24in		
25			
30			
35			
40			
45			
47.0			

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Borehole ID: P1-65
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 2:00 PM Start

Elevation: 599.584
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-P1-65-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Complete List. Field duplicated collected from the 0-2in interval (DUP J).
	SO-P1-65-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
5			
	SO-P1-65-6-12in		
10			
	SO-P1-65-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15			
	SO-P1-65-18-24in		
20			
25			
30			
35			
36			

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Borehole ID: P1-65
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 2:00 PM Start

Elevation: 599.584
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
36	12-45	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
40			
45.0			

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Borehole ID: P1-66
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.897
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-P1-66-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-P1-66-2-6in		
5		CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
	SO-P1-66-6-12in		
10			
	SO-P1-66-12-18in	CLAY -brown	0 ppm Sample at 12-18in intervals collected for Arsenic only.
15			
	SO-P1-66-18-24in	CLAY -brown; water saturated	0 ppm Sample at 18-24in intervals collected for Arsenic only.
20			
25			
30			
35			
36.0			

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Borehole ID: P1-67
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 1:00 PM Start

Elevation: 600.191
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-P1-67-0-2in	Silty Loam	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-P1-67-2-6in		
	SO-P1-67-6-12in	CLAY -dark brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-P1-67-12-18	CLAY -brown	0 ppm
20	SO-P1-67-18-24		
25			
30			
35			
40			
45.0			

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Borehole ID: P1-69
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 601
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-P1-69-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-P1-69-2-6in		
5		Root	0 ppm Sample at 6-12in interval collected for Arsenic only.
	SO-P1-69-6-12in	CLAY -brown; some roots	0 ppm Sample at 12-18in and 18-24in intervals collected for Arsenic only.
10			
	SO-P1-69-12-18in		
15			
	SO-P1-69-18-24in		
20			
25			
30			
35			
40			
45			
46.0			

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Borehole ID: Q1-58
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.33
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-58-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-Q1-58-2-6in	CLAY -dark brown	0 ppm Samples at 6-12in interval collected for Arsenic only.
5			
	SO-Q1-58-6-12in		
10			
		Brick Pieces	
15	SO-Q1-58-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
	SO-Q1-58-18-24in		
20			
25			
30			
35			
40			
44.0			

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Borehole ID: Q1-62
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 1:45 PM Start

Elevation: 599
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-62-0-2in	SILTY LOAM -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-Q1-62-2-6in		
	SO-Q1-62-6-12in	SILT -yellowish brown; trace Clay	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-Q1-62-12-18in		
20	SO-Q1-62-18-24in		
25		CLAY -brown	0 ppm
30			
35			
40			
45.0			

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Borehole ID: Q1-65
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.063
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-65-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-Q1-65-2-6in		
	SO-Q1-65-6-12in	CLAY -brown; trace silt	0 ppm Samples at 6-12in interval collected for Arsenic only.
10			
15	SO-Q1-65-12-18in	Silty CLAY -brown; saturated	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-Q1-65-18-24in		
25		CLAY -light brown	0 ppm
30			
34.0			

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Borehole ID: Q1-66
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.365
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-66-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-Q1-66-2-6in		
5		CLAY -brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
	SO-Q1-66-6-12in		
10		Coarse sand and rocks	0 ppm Samples at 12-18in interval collected for Arsenic only.
	SO-Q1-66-12-18in	Silty CLAY -light brown	0 ppm Samples at 18-24in interval collected for Arsenic only.
15			
	SO-Q1-66-18-24in		
20			
		CLAY -brown	0 ppm
25			
30			
35			
38.0			

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Borehole ID: Q1-67
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F
Comments: 1:20 PM Start

Elevation: 599.712
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-67-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-Q1-67-2-6in		
	SO-Q1-67-6-12in	CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
10		CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
15	SO-Q1-67-12-18in		
20	SO-Q1-67-18-24in		
25			
30			
35			
40			

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Borehole ID: Q1-67
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 1:20 PM Start

Elevation: 599.712
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
40	9-45	CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
45.0			

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Borehole ID: Q1-68
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.762
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-68-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP G).
5	SO-Q1-68-2-6in		
	SO-Q1-68-6-12in	Silty CLAY -dark brown	0 ppm Samples at 6-12in and 12-18in intervals collected for Arsenic only.
10			
15	SO-Q1-68-12-18in	CLAY -brown	0 ppm Sample at 12-18in interval collected for Arsenic only.
20	SO-Q1-68-18-24in	CLAY -light brown; hard	0 ppm Sample 18-24in interval collected for Arsenic only.
25			
30			
35			
40			

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Borehole ID: Q1-68
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.762
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
40			
	SO-Q1-68-19-46in	CLAY -light brown; hard	0 ppm Sample 18-24in interval collected for Arsenic only.
45			
46.0			

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Borehole ID: Q1-69
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-Q1-69-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-Q1-69-2-6in		
	SO-Q1-69-6-12in	Silty CLAY -brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
10			
	SO-Q1-69-12-18in	CLAY -brown	0 ppm Sample at 12-18in and 18-24in intervals collected for Arsenic only.
15			
	SO-Q1-69-18-24in		
20			
25			
30			
35			
40			
44.0			

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Borehole ID: R1-66
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 598.74
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-R1-66-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-R1-66-2-6in		
	SO-R1-66-6-12in	Tree Root	0 ppm
10		CLAY -dark brown	0 ppm Sample at 6-12in interval collected for Arsenic only.
15	SO-R1-66-12-18in	CLAY -brown; hard	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-R1-66-18-24in		
25			
30			
35			
40			
45			
48.0			

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Borehole ID: R1-67
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/19/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.209
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-R1-67-0-2in	Sandy LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-R1-67-2-6in		
	SO-R1-67-6-12in	CLAY -brown; trace Silt	0 ppm Samples at 6-12in and 12-18in intervals collected for Arsenic only.
10			
15	SO-R1-67-12-18in		
	SO-R1-67-18-24in	CLAY -brown	0 ppm Sample at 18-24in interval collected for Arsenic only.
20			
25			
30			
35			
40			
45			
46.0			

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Borehole ID: R1-68
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.317
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-R1-68-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-R1-68-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-R1-68-6-12in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15	SO-R1-68-12-18in		
20	SO-R1-68-18-24in		
25			
30		Silt -brown; moist	0 ppm
35		CLAY -brown	0 ppm
40			

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Borehole ID: R1-68
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 599.317
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
40 43.0	SO-R1-68-31-43in	CLAY -brown	0 ppm

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Borehole ID: R1-69
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 12:30 PM Start

Elevation: 599.664
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-R1-69-0-2in	Silty LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
	SO-R1-69-2-6in		
5		CLAY -dark brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
	SO-R1-69-6-12in		
10		CLAY -brown	0 ppm
	SO-R1-69-12-18in		
15			
	SO-R1-69-18-24in		
20			
25			
30			
35			
40		Silt -brown; saturated	0 ppm
44.0			

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Borehole ID: R1-70
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.093
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-R1-70-0-2in	Silty LOAM -dark brown; trace Clay and organic matter; moist	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-R1-70-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in interval collected for Arsenic only.
10	SO-R1-70-6-12in	CLAY -brown; some Silt; water saturated at 38-41 inch	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
15	SO-R1-70-12-18in		
20	SO-R1-70-18-24in		
25			
30			
35			
40			
42.0			

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Borehole ID: S1-69
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F
Comments: 12:00 PM Start

Elevation: 599.242
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0		Silty LOAM	0 ppm
	SO-S1-69-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP H).
	SO-S1-69-2-6in		
5			
	SO-S1-69-6-12in		
10			
		CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
	SO-S1-69-12-18in		
15			
	SO-S1-69-18-24in		
20			
25			
30			
35			
36			

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Borehole ID: S1-69
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 12:00 PM Start

Elevation: 599.242
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
36 40 42.0	12-42	CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.

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Borehole ID: S1-70
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 12:00 PM Start

Elevation: 599.579
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-S1-70-0-2in	Silty LOAM	0 ppm Sample at 0-2in interval collected for Arsenic only.
5	SO-S1-70-2-6in	CLAY -dark brown	0 ppm Sample at 2-6in and 6-12in intervals collected for Arsenic only.
10	SO-S1-70-6-12in		
15	SO-S1-70-12-18in	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
20	SO-S1-70-18-24in		
25			
30			
35			
40			

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Borehole ID: S1-70
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 12:00 PM Start

Elevation: 599.579
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
40	12-42	CLAY -brown	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
	42-44	SILT -brown; moist	0 ppm
44.0			

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Borehole ID: S1-71
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.134
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-S1-71-0-2in	Sandy LOAM -brown; organic matter; moist; med-fine Sand; trace Silt	0 ppm Sample at 0-2in interval collected for Arsenic only.
	SO-S1-71-2-6in	CLAY -dark brown; organic matter (roots)	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
5			
	SO-S1-71-6-12in		
10			
	SO-S1-71-12-18in	Sand and Gravel -dark grey; medium to coarse Sand; sub-round gravel, 1 in	0 ppm Samples at 12-18in interval collected for Arsenic only.
		CLAY -brown; soft; moist	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15			
	SO-S1-71-18-24in		
20			
22			

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Borehole ID: S1-71
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.134
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
22	SO-S1-71-18-24in	CLAY -brown; soft; moist	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
25			
30			
35			
40			
43.0			

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Borehole ID: S1-72
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.66
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-S1-72-0-2in	Sandy Loam -brown; moist; trace Silt	0 ppm Sample at 0-2in interval collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP I).
	SO-S1-72-2-6in	CLAY -dark grey; soft; moist	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
5			
	SO-S1-72-6-12in		
10			
	SO-S1-72-12-18in	GRAVEL -grey; rounded; moist	0 ppm Sample at 12-18in interval collected for Arsenic only.
15			
		CLAY -dark brown; moist; dense	0 ppm Sample at 18-24 interval collected for Arsenic only.
20	SO-S1-72-18-24in		
25			
30			
35			
36.0			

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Borehole ID: T1-66
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 598.13
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-T1-66-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only. Field duplicated collected from the 0-2in interval (DUP B).
5	SO-T1-66-2-6in		
	SO-T1-66-6-12in		
10		CLAY -brown	0ppm Sample at 12-18in interval collected for Arsenic only.
15	SO-T1-66-12-18in		
	SO-T1-66-18-24in	SILT -brown; moist	0ppm Sample at 18-24in interval collected for Arsenic only.
20		CLAY -brown	0ppm Sample at 18-24in interval collected for Arsenic only.
25			
30			
35			
40			
43.0			

BORING LOG

C&S Engineers, Inc.
141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
Fax: 716-847-1454
www.cscos.com

Borehole ID: T1-71
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.293
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-T1-71-0-2in	Sandy LOAM	0 ppm Sample at 0-2in interval collected for Complete List only.
	SO-T1-71-2-6in	CLAY -dark brown	0 ppm Samples at 2-6in and 6-12in intervals collected for Arsenic only.
5			
	SO-T1-71-6-12in		
10		Sand and Gravel	0 ppm Sample at 6-12in interval collected for Arsenic only.
	SO-T1-71-12-18in	CLAY -brown; water saturated 34-39 inch	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
15			
	SO-T1-71-18-24in		
20			
22			

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Borehole ID: T1-71
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 600.293
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
22	SO-T1-71-18-24in	CLAY -brown; water saturated 34-39 inch	0 ppm Samples at 12-18in and 18-24in intervals collected for Arsenic only.
25			
30			
35			
40			
41.0			

BORING LOG

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Borehole ID: T1-72
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 601.139
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-T1-72-0-2in	Sandy LOAM	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-T1-72-2-6in	CLAY -dark brown	0 ppm Samples at 6-12in, 12-18in collected for Arsenic only.
10	SO-T1-72-6-12in		
15	SO-T1-72-12-18in		
		Sand and Gravel	0 ppm
20	SO-T1-72-18-24in	Clay -brown	0 ppm Sample at 18-24in interval collected for Arsenic only.
25			
30			
35			
39.0			

BORING LOG

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Borehole ID: U1-70
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments: 2:20 PM Start

Elevation: 598.57
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-U1-70-0-2in	CLAY -dark brown	0 ppm Sample at 0-2in and 2-6in intervals collected for Arsenic only.
5	SO-U1-70-2-6in		
	SO-U1-70-6-12in	CLAY -brown	0 ppm Samples at 6-12in, 12-18in, and 18-24in intervals collected for Arsenic only.
10			
15	SO-U1-70-12-18in		
20	SO-U1-70-18-24in		
25		SILT -saturated; trace Clay	0 ppm
30			
35			
40		SAND -brown; fine; saturated	0 ppm
41.0			

BORING LOG

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141 Elm Street
Buffalo, New York 14203
Phone: 716-847-1630
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www.cscos.com

Borehole ID: U1-75
Site Name: Westwood
Site Location: 772 North Forest Road Amherst NY
Project No.: O76.001.001
Start/End Date: 10/20/2015

North: NA
East: NA

Driller: TREC Environmental, Inc
Rig Type: 6620 DT Geoprobe
Borehole Diameter: 2 in
Weather: Cloudy; 50 Deg. F Comments:

Elevation: 602
Datum: NAVD88
Depth to GW:

Depth in	Sample ID	Soil Description	Comments
0	SO-U1-75-0-2in	Silty LOAM	0 ppm Sample at 0-2in intervals collected for Arsenic only.
	SO-U1-75-2-6in	GRAVEL-dark grey; 0.25in-1in angular; moist some Silt and medium Sand	0 ppm Samples at 2-6in, 6-12in, and 12-18in intervals collected for Arsenic only.
5			
	SO-U1-75-6-12in		
10			
	SO-U1-75-12-18in		
15			
	SO-U1-75-18-24in	Black SILT trace Clay; moist	0 ppm Samples at 18-24in interval collected for Arsenic only.
20		Grey CLAY; moist; soft	0 ppm
25			
30.0			