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Ms. Maria Jon
U.S. EPA, Region II
Emergency and Remedial Response Division, NYRB
290 Broadway, 20th Floor
New York, NY 10007-1866

Subject:
Supplemental Site Investigation Results
Former Spa Steel Products Property
Saratoga Springs Former MGP Site, Saratoga Springs, New York

Date:
October 13, 2008

Contact:
Scott A. Powlin

Phone:
315.671.9456

Email:
Scott.Powlin@
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Our ref:
B0036641#2.04

Dear Ms. Jon:

This letter summarizes the results of a Supplemental Site Investigation (SSI) recently completed in connection with the Former Spa Steel Products Property, Saratoga Springs, New York. The SSI was conducted by ARCADIS on behalf of National Grid in accordance with the SSI Work Plan (dated February 12, 2008), which was approved by the United States Environmental Protection Agency (USEPA) and the New York State Department of Environmental Conservation (NYSDEC). As discussed in the SSI Work Plan, the purpose for the SSI was to further define the nature and extent of manufactured gas plant (MGP) residuals west-southwest of National Grid's Saratoga Springs Former MGP Site located on Excelsior Avenue and south-southeast of the former Spa Steel Products Property, which is directly adjacent to the Saratoga Springs Former MGP Site. As you are aware, a portion of the work proposed in the SSI Work Plan could not be conducted due to property access limitations. As noted in National Grid's August 25, 2008 e-mail to the USEPA, the property owner (Mr. Thomas Roohan, fitness club property) will not grant National Grid property access to conduct the proposed work on his property.

A discussion of the completed work is provided below followed by a summary of the results.

Completed Work

The SSI field work was completed in February and March 2008. The SSI work is discussed below based on the type of work conducted (i.e., soil boring, monitoring wells, groundwater sampling, water-level measurement). The locations of soil borings and monitoring wells completed during the SSI are shown on Figure 1. Figure 1 also shows the locations that could not be completed due to access limitations or the presence of utilities. Field work was completed in accordance with the procedures

and quality assurance measures detailed in the USEPA- and NYSDEC-approved Spa Steel Products Property Investigation Work Plan (Blasland, Bouck & Lee, Inc., June 2004) and supporting appendices. Laboratory data packages were reported as Category B deliverables in accordance with the NYSDEC's Analytical Services Protocol (ASP).

Soil Borings

The SSI Work Plan proposed that fourteen soil borings (NG-14 through NG- 27) be completed. As shown on Figure 1, four (NG-15, NG-17, NG-21, and NG-23) of these proposed soil borings could not be completed. Specifically, soil boring NG-15 could not be completed due to the presence of numerous utilities located below grade and over head, and soil borings NG-17, NG-21, and NG-23 (fitness club property) could not be completed due to lack of property access. In addition, several of the completed borings were moved from their originally proposed locations due to proximity to below grade utilities.

Soil borings were advanced using the direct-push drilling method to continuously collect soil samples. Soil borings were advanced to depths ranging from 20 to 30 feet below grade, depending on location. The terminal depth of each boring was determined based on the presence of the underlying clay unit (i.e., each boring was drilled until this unit was encountered). Once the terminal depth was reached, borings were backfilled with bentonite to grade.

Soil samples retrieved from each boring were screened with a photoionization detector (PID) and visually characterized for color, texture, moisture content, and evidence of potential MGP-related residuals. A description of the soil encountered at each boring is provided on the subsurface logs, which are attached to this letter. Soil samples collected for laboratory analysis were selected at approximate 5-foot intervals at each boring location. Analytical soil samples were collected starting at the 2 to 4 feet bgs interval and every subsequent approximate 4 to 6-foot interval thereafter. The last analytical sample collected at each location was collected from the interval immediately above the clay confining unit. A total of 48 soil samples were collected for laboratory analysis. Analytical samples were shipped to Test America in Edison, New Jersey for analysis of volatile organic compounds (VOCs) using USEPA method 8260B and semi-volatile organic compounds (SVOCs) by USEPA method 8270C.

Monitoring Wells

As shown on Figure 1, two of the four initially proposed monitoring wells were installed. Monitoring well MW-SS-08-05 was installed to the east and side-gradient of MW-EPA-05 and MW-EPA-08, and monitoring well MW-SS-08-08 was installed south and downgradient from MW-EPA-05 and MW-EPA-08. As shown in Figure 2, dense non-aqueous phase liquid (DNAPL) was previously observed at the MW-EPA-05 and MW-EPA-08 locations. As such, the purpose for these two new wells was to refine the groundwater flow direction and horizontal hydraulic gradients near the DNAPL area and to define the limits of dissolved-phase MGP-related constituents proximate to and to the east and south of MW-EPA-05 and MW-EPA-08.

As shown on Figure 1, monitoring wells MW-SS-08-06 and MW-SS-08-07 (fitness club property) could not be installed due to access limitations. The purpose for these wells was to refine the groundwater flow direction and horizontal hydraulic gradients near the DNAPL area and to define the limits of dissolved-phase MGP-related constituents proximate to and to the west and southwest of MW-EPA-05 and MW-EPA-08.

The soil borings drilled to facilitate the monitoring well installation were drilled using 4.25-inch hollow-stem augers (HSAs) and conventional drilling techniques. Soil was continuously sampled at each well location using two-foot long split-spoon samplers, screened with a PID, and visually characterized for color, texture, moisture content, and evidence of potential MGP-related residuals. A description of the soil encountered at each boring is provided on the subsurface logs (attached). Analytical soil samples were also collected from the monitoring well borings and analyzed using the same methodology discussed above for soil borings.

Monitoring wells MW-SS-08-5 and MW-SS-08-8 were constructed using 2-inch diameter, Schedule 40 polyvinyl chloride (PVC) material. Each well was installed with a 10-foot, 0.020-inch slotted well screen, appropriate size sand filter material, and a 2-foot sump. MW-SS-08-5 was installed to a total depth of 20 feet below grade and MW-SS-08-8 was installed to 21 feet below grade. As discussed in the SSI Work Plan, the bottoms of the well screens were to be positioned coincident with the top of the clay unit. This proposed screen depth was possible for monitoring well MW-SS-08-8; however, because the clay unit was encountered at a much shallower depth (approximately 11 feet below grade) at MW-SS-08-5, the well screen was installed several feet into the clay unit at this location. Well construction details are shown in the attached subsurface logs.

Monitoring well MW-SS-08-8 was developed on March 19, 2008. Well development was conducted to remove fine-grained materials (sands, silts, clays) that may have accumulated in the well and/or sandpack during the well installation. A total of 75 gallons of water was removed from this well during development.

The property owner (Barbino property) did not allow the field crew to develop monitoring well MW-SS-08-5.

Water-Level Measurement and Groundwater Sampling

One complete, synoptic round of water levels was measured at all existing and new monitoring wells on March 25, 2008. Water-level measurements were used to evaluate groundwater flow direction and/or gradient to the west-southwest of the former MGP site.

One round of groundwater samples was collected on March 26 and 27, 2008 from seven accessible monitoring wells previously installed by the USEPA (MW-EPA-01, MW-EPA-2, MW-EPA-4, MW-EPA-5, MW-EPA-7, MW-EPA-9, and MW-EPA-10) and one of the newly installed monitoring wells (MW-SS-08-8). The SSI Work Plan proposed to collect samples from all of the wells installed by the USEPA and all new wells installed during the SSI; however, four monitoring wells could not be sampled as detailed in the following table:

Well ID	Reason Not Sampled
MW-EPA-3	Could not be located, possibly destroyed by City during recent installation of drainage improvements.
MW-EPA-6	Property owner did not allow sampling (fitness club property).
MW-EPA-8	Approximately two feet of DNAPL measured in well at time of sampling.
MW-SS-08-5	Property owner did not allow sampling (Barbino property).

Consistent with previous groundwater sampling events, groundwater samples were collected using low-flow groundwater sampling procedures. Groundwater samples were analyzed for VOCs using USEPA Method 8260B, SVOCs using USEPA Method 8270C, and polycyclic aromatic hydrocarbons (PAHs) by Method 8310.

Summary of SSI Results

The figures provided in the SSI Work Plan have been updated with the newly collected data and incorporated into this summary letter. These figures will be useful

- approximately 3 to 8 feet of fine to coarse sand
- silty clay

The silty clay is generally encountered between 18 to 25 feet below grade; however, the surface of this unit appears to rise to the east, where it is encountered at approximately 8 to 10 feet below grade. Based on previously completed borings at the Saratoga Springs Former MGP Site and former Spa Steel Products Property, the underlying clay confining unit is greater than 50 feet in thickness. The relationship of the geologic units is shown on the cross-sections presented on Figures 3 and 4.

As shown on Figures 2 through 4, coal tar has been observed at depths ranging from 15 to 24 feet below grade. Coal tar was only observed at one location during the SSI: NG-14 from 23 to 23.2 feet below grade. As is the case with most MGP sites, coal tar is the likely chief contributor of MGP-related constituents detected in the soil and groundwater south and southeast of the former MGP site. As discussed in the SSI Work Plan and as confirmed during implementation of that work plan, the depth of observed coal tar corresponds well to the depth of the underlying clay unit surface. The clay appears to be a good capillary barrier to further downward migration of coal tar because coal tar has not been observed below the clay surface in any of the numerous soil borings completed to date. Based on the results of the SSI and on review of Figures 2 through 5, there are two likely mechanisms controlling the movement of coal tar in the subsurface: 1) the topographic expression of the clay surface; and 2) hydraulic gradients.

Coal tar DNAPL has moved downward from source areas (likely originating from the Saratoga Springs Former MGP Site), due to gravitational forces, through the unsaturated zone (primarily fill) and reached the water table at several locations. At some locations, the DNAPL head was sufficient to allow it to penetrate the water table. Beneath the water table, a force in addition to gravity is exerted on the DNAPL body, specifically the hydraulic gradient. Upon reaching the clay unit, the DNAPL has spread laterally following the contours of the clay surface and the hydraulic gradient. The ultimate path that the DNAPL takes depends on the degree of clay surface sloping and the magnitude of the hydraulic gradient. The hydraulic gradient on the former Spa Steel Products Property and City of Saratoga Springs (City) property is in the southeast direction (see Figure 6), but coal tar appears to have migrated in the southwest direction from the former MGP site (i.e., across the hydraulic gradient). As such, it appears the clay surface is the primary controlling mechanism for the DNAPL to the west and southwest of the former MGP site. This is further supported by the clay surface contours shown on Figure 5. As shown on Figure 5, a depression in the clay surface is located on the former Spa Steel Property immediately west of the former MGP site. The clay surface is also slightly depressed in the area of MW-EPA-

05 and MW-EPA-08. DNAPL has been observed in both of these areas. The path that the DNAPL took to reach these areas is likely a function of the undulations in the clay surface. For discussion purposes, the area of DNAPL observed at/near MW-EPA-05 and MW-EPA-08 is hereinafter referred to as the "NAPL area."

Groundwater Quality

The results of groundwater sampling conducted during the SSI confirm the previous interpretations of MGP-related impacts to groundwater. The results of historical and SSI groundwater samples with concentrations of dissolved-phase constituents exceeding the NYSDEC Class GA Standards are shown with green highlights on Figure 2. Based on review of Figure 2, it appears that the downgradient (southern) extent of dissolved-phase constituents exceeding Standards roughly coincides with the northwest side of High Rock Ave. This area is immediately downgradient from the NAPL area. As shown in Table 2, dissolved phase constituents were not detected above Standards in the furthest downgradient monitoring wells (MW-EPA-9 and MW-EPA-10).

Although we were unable to sample groundwater from the new monitoring well (MW-SS-08-05) installed to the east of the NAPL area, it is not likely that MGP-related constituents would be detected in groundwater sampled from this area. As previously mentioned, the surface of the clay unit rises up to the east of the NAPL area, thus NAPL is not expected to migrate to the east (i.e., uphill). In addition, as shown on Figure 6, groundwater flow from the NAPL area is to the south-southeast and MW-SS-08-5 is located side-gradient (east) of the NAPL area.

Similarly, dissolved-phase impacts are not expected to exist to the west (fitness club property) of the NAPL area. As shown on Figure 2, NAPL was not observed in the westernmost borings (NG-27 and SS-06-13) completed west of the NAPL area. In addition, this property is hydraulically upgradient from the NAPL area (i.e., groundwater is not interpreted to flow in this direction). As shown in Table 2, dissolved phase constituents were not detected in groundwater sampled from the monitoring well (MW-EPA-6) installed on/near this property prior to the SSI.

Summary

National Grid believes the existing data set is adequate for defining the nature and extent of soil and groundwater impacts associated with the former MGP. As such, National Grid does not believe it is necessary to install the remaining SSI borings/wells on the fitness club property to the west or sample the new SSI well on the Barbino property to the east. However, should the NYSDEC or USEPA secure

access to these properties, National Grid will install/sample these borings/wells as soon as possible after property access is acquired.

Please feel free to contact Bill Jones of National Grid by phone at (315) 428-5690 or by e-mail at william.r.jones@us.ngrid.com if you have any questions or require further clarification on this summary report.

Sincerely,

ARCADIS

Scott A. Powlin
Senior Geologist

SAP/plf
Attachments

Copies:
David Crosby, NYSDEC
William Jones, National Grid
James Nuss, ARCADIS

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Tables

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-14 2 - 4 02/27/08	NG-14 6 - 8 02/27/08	NG-14 12 - 14 02/27/08	NG-14 21 - 23 02/27/08	NG-16 2 - 4 02/26/08	NG-16 6 - 8 02/26/08	NG-16 12 - 14 02/26/08	NG-16 17 - 19 02/26/08	NG-18 2 - 4 02/27/08	NG-18 6 - 8 02/27/08	NG-18 12 - 14 02/27/08	NG-18 22 - 24 02/27/08	NG-19 2 - 4 02/26/08	NG-19 6 - 8 02/26/08
VOCs by USEPA Method 8260B																
1,1,1-Trichloroethane	500	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
1,1,2,2-Tetrachloroethane	- -	mg/kg	0.0011 U	0.0012 U	0.0016 U	0.13 U	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U [0.0012 U]	0.0012 U	0.0013 U	0.0011 U	0.0012 U
1,1,2-Trichloroethane	- -	mg/kg	0.0033 U	0.0036 U	0.0047 U	0.39 U	0.0033 U	0.0035 U	0.0039 U	0.0037 U	0.0034 U	0.0037 U [0.0034 U]	0.0037 U	0.0040 U	0.0032 U	0.0036 U
1,1-Dichloroethane	240	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
1,1-Dichloroethene	500	mg/kg	0.0022 U	0.0024 U	0.0031 U	0.26 U	0.0022 U	0.0023 U	0.0026 U	0.0025 U	0.0023 U	0.0025 U [0.0023 U]	0.0025 U	0.0027 U	0.0021 U	0.0024 U
1,2-Dichloroethane	30	mg/kg	0.0022 U	0.0024 U	0.0031 U	0.26 U	0.0022 U	0.0023 U	0.0026 U	0.0025 U	0.0023 U	0.0025 U [0.0023 U]	0.0025 U	0.0027 U	0.0021 U	0.0024 U
1,2-Dichloropropane	- -	mg/kg	0.0011 U	0.0012 U	0.0016 U	0.13 U	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U [0.0012 U]	0.0012 U	0.0013 U	0.0011 U	0.0012 U
2-Butanone	500	mg/kg	0.0056 U	0.0059 U	**0.0058 J**	0.64 U	0.0055 U	0.0058 U	**0.0053 J**	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	**0.0054 J**	**0.0058 J**	0.0053 U	0.0060 U
2-Hexanone	- -	mg/kg	0.0056 U	0.0059 UJ	0.0078 UJ	0.64 UJ	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 UJ	0.0062 UJ [0.0058 U]	0.0062 UJ	0.0067 U	0.0053 U	0.0060 U
4-Methyl-2-pentanone	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Acetone	500	mg/kg	0.0056 UJ	0.0059 UJ	**0.077 J**	0.64 U	0.0055 U	0.0058 U	0.041 U	0.015 UJ	0.0057 UJ	0.0072 UJ [0.0059 UJ]	0.039 UJ	0.045 UJ	0.0053 UJ	0.018 UJ
Benzene	44	mg/kg	0.0011 U	0.0012 U	**0.0010 J**	**0.36**	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U [0.0012 U]	0.0012 U	**0.044**	0.0011 U	0.0012 U
Bromodichloromethane	- -	mg/kg	0.0011 U	0.0012 U	0.0016 U	0.13 U	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U [0.0012 U]	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Bromoform	- -	mg/kg	0.0045 U	0.0048 U	0.0062 U	0.52 U	0.0044 U	0.0047 U	0.0052 U	0.0050 U	0.0045 U	0.0050 U [0.0046 U]	0.0050 U	0.0053 U	0.0042 U	0.0048 U
Bromomethane	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Carbon disulfide	- -	mg/kg	0.0056 U	0.0059 U	**0.0036 J**	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	**0.00070 J**	0.0053 U	0.0060 U
Carbon tetrachloride	22	mg/kg	0.0022 U	0.0024 U	0.0031 U	0.26 U	0.0022 U	0.0023 U	0.0026 U	0.0025 U	0.0023 U	0.0025 U [0.0023 U]	0.0025 U	0.0027 U	0.0021 U	0.0024 U
Chlorobenzene	500	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Chloroethane	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Chloroform	350	mg/kg	0.0056 U	**0.0012 J**	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Chloromethane	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
cis-1,2-Dichloroethene	500	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
cis-1,3-Dichloropropene	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Dibromochloromethane	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Ethylbenzene	390	mg/kg	0.0045 U	0.0048 U	0.0062 U	**4.7**	0.0044 U	0.0047 U	0.0052 U	0.0050 U	0.0045 U	0.0050 U [0.0046 U]	0.0050 U	**0.062**	0.0042 U	0.0048 U
Methylene chloride	500	mg/kg	0.0033 U	0.0036 U	0.0047 U	0.39 U	0.0033 U	0.0035 U	0.0039 U	**0.0033 J**	0.0034 U	0.0037 U [0.0034 U]	0.0037 U	0.0040 U	0.0032 U	0.0036 U
Styrene	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Tetrachloroethene	150	mg/kg	**0.00070 J**	0.0012 U	0.0016 U	0.13 U	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U [0.0012 U]	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Toluene	500	mg/kg	0.0056 U	0.0059 U	0.0078 U	**1.1**	0.0055 U	0.0058 U	**0.00080 J**	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Total BTEX	- -	mg/kg	ND	ND	**0.0010 J**	**15**	ND	ND	**0.00080 J**	ND	ND	ND [ND]	ND	**0.14**	ND	ND
trans-1,2-Dichloroethene	500	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
trans-1,3-Dichloropropene	- -	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Trichloroethene	200	mg/kg	0.0011 U	0.0012 U	0.0016 U	0.13 U	0.0011 U	0.0012 U	0.0013 U	0.0012 U	0.0011 U	0.0012 U [0.0012 U]	0.0012 U	0.0013 U	0.0011 U	0.0012 U
Vinyl chloride	13	mg/kg	0.0056 U	0.0059 U	0.0078 U	0.64 U	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	0.0067 U	0.0053 U	0.0060 U
Xylenes (total)	500	mg/kg	0.0056 U	0.0059 U	0.0078 U	**8.9**	0.0055 U	0.0058 U	0.0065 U	0.0062 U	0.0057 U	0.0062 U [0.0058 U]	0.0062 U	**0.031**	0.0053 U	0.0060 U

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-14 2 - 4 02/27/08	NG-14 6 - 8 02/27/08	NG-14 12 - 14 02/27/08	NG-14 21 - 23 02/27/08	NG-16 2 - 4 02/26/08	NG-16 6 - 8 02/26/08	NG-16 12 - 14 02/26/08	NG-16 17 - 19 02/26/08	NG-18 2 - 4 02/27/08	NG-18 6 - 8 02/27/08	NG-18 12 - 14 02/27/08	NG-18 22 - 24 02/27/08	NG-19 2 - 4 02/26/08	NG-19 6 - 8 02/26/08
SVOCs by USEPA Method 8270C																
1,2,4-Trichlorobenzene	--	mg/kg	0.037 U	0.040 U	0.054 U	0.90 U	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
1,2-Dichlorobenzene	500	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
1,3-Dichlorobenzene	280	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
1,4-Dichlorobenzene	130	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2,4,5-Trichlorophenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2,4,6-Trichlorophenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2,4-Dichlorophenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2,4-Dimethylphenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2,4-Dinitrophenol	--	mg/kg	1.1 U	1.2 U	1.6 U	27 U	1.1 U	1.2 U	1.3 U	1.3 U	1.1 U	1.3 U [1.2 U]	1.3 U	1.3 U	1.1 U	1.2 U
2,4-Dinitrotoluene	--	mg/kg	0.074 U	0.080 U	0.11 U	1.8 U	0.076 U	0.078 U	0.089 U	0.086 U	0.076 U	0.086 U [0.079 U]	0.084 U	0.089 U	0.072 U	0.083 U
2,6-Dinitrotoluene	--	mg/kg	0.074 U	0.080 U	0.11 U	1.8 U	0.076 U	0.078 U	0.089 U	0.086 U	0.076 U	0.086 U [0.079 U]	0.084 U	0.089 U	0.072 U	0.083 U
2-Chloronaphthalene	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2-Chlorophenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2-Methylnaphthalene	--	mg/kg	0.37 U	**0.032 J**	0.54 U	**130**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.12 J**	0.36 U	0.41 U
2-Methylphenol	500	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
2-Nitroaniline	--	mg/kg	0.74 U	0.80 U	1.1 U	18 U	0.76 U	0.78 U	0.89 U	0.86 U	0.76 U	0.86 U [0.79 U]	0.84 U	0.89 U	0.72 U	0.83 U
2-Nitrophenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
3,3'-Dichlorobenzidine	--	mg/kg	0.74 U	0.80 U	1.1 U	18 U	0.76 U	0.78 U	0.89 U	0.86 U	0.76 U	0.86 U [0.79 U]	0.84 U	0.89 U	0.72 U	0.83 U
3-Nitroaniline	--	mg/kg	0.74 U	0.80 U	1.1 U	18 U	0.76 U	0.78 U	0.89 U	0.86 U	0.76 U	0.86 U [0.79 U]	0.84 U	0.89 U	0.72 U	0.83 U
4,6-Dinitro-2-methylphenol	--	mg/kg	1.1 U	1.2 U	1.6 U	27 U	1.1 U	1.2 U	1.3 U	1.3 U	1.1 U	1.3 U [1.2 U]	1.3 U	1.3 U	1.1 U	1.2 U
4-Bromophenyl phenyl ether	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
4-Chloro-3-methylphenol	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
4-Chloroaniline	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
4-Chlorophenyl phenyl ether	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
4-Methylphenol	500	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
4-Nitroaniline	--	mg/kg	0.74 U	0.80 U	1.1 U	18 U	0.76 U	0.78 U	0.89 U	0.86 U	0.76 U	0.86 U [0.79 U]	0.84 U	0.89 U	0.72 U	0.83 U
4-Nitrophenol	--	mg/kg	1.1 U	1.2 U	1.6 U	27 U	1.1 U	1.2 U	1.3 U	1.3 U	1.1 U	1.3 U [1.2 U]	1.3 U	1.3 U	1.1 U	1.2 U
Acenaphthene	500	mg/kg	0.37 U	**0.015 J**	0.54 U	**83**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.049 J**	0.36 U	0.41 U
Acenaphthylene	500	mg/kg	0.37 U	**0.16 J**	0.54 U	**12**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Anthracene	500	mg/kg	**0.015 J**	**0.11 J**	0.54 U	**43**	**0.0090 J**	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.020 J**	0.36 U	0.41 U
Benzo(a)anthracene	5.6	mg/kg	**0.046**	**0.36**	0.054 U	**22**	**0.039**	0.039 U	0.045 U	0.043 U	0.038 U	**0.010 J [0.039 U]**	0.042 U	0.045 U	0.036 U	0.041 U
Benzo(a)pyrene	1	mg/kg	**0.037 J**	**0.39**	0.054 U	**17**	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
Benzo(b)fluoranthene	5.6	mg/kg	**0.027 J**	**0.36**	0.054 U	**5.5**	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
Benzo(ghi)perylene	500	mg/kg	**0.025 J**	**0.12 J**	0.54 U	**6.6 J**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Benzo(k)fluoranthene	56	mg/kg	**0.037 J**	**0.53**	0.054 U	**11**	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
bis(2-Chloroethoxy)methane	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
bis(2-Chloroethyl) ether	--	mg/kg	0.037 U	0.040 U	0.054 U	0.90 U	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
bis(2-chloroisopropyl)ether	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
bis(2-Ethylhexyl) phthalate	--	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	**0.11 J**	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-14 2 - 4 02/27/08	NG-14 6 - 8 02/27/08	NG-14 12 - 14 02/27/08	NG-14 21 - 23 02/27/08	NG-16 2 - 4 02/26/08	NG-16 6 - 8 02/26/08	NG-16 12 - 14 02/26/08	NG-16 17 - 19 02/26/08	NG-18 2 - 4 02/27/08	NG-18 6 - 8 02/27/08	NG-18 12 - 14 02/27/08	NG-18 22 - 24 02/27/08	NG-19 2 - 4 02/26/08	NG-19 6 - 8 02/26/08
SVOCs by USEPA Method 8270C (continued)																
Butyl benzyl phthalate	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Carbazole	- -	mg/kg	0.37 U	**0.047 J**	0.54 U	**1.0 J**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Chrysene	56	mg/kg	**0.052 J**	**0.43**	0.54 U	**21**	**0.051 J**	0.39 U	0.45 U	0.43 U	0.38 U	**0.014 J [0.39 U]**	0.42 U	0.45 U	0.36 U	0.41 U
Dibenzo(a,h)anthracene	0.56	mg/kg	0.037 U	**0.053**	0.054 U	**1.5**	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
Dibenzofuran	350	mg/kg	0.37 U	**0.021 J**	0.54 U	**4.8 J**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Diethyl phthalate	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Dimethyl phthalate	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Di-n-butyl phthalate	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Di-n-octyl phthalate	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Fluoranthene	500	mg/kg	**0.10 J**	**0.70**	**0.025 J**	**44**	**0.063 J**	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.021 J**	0.36 U	0.41 U
Fluorene	500	mg/kg	0.37 U	0.40 U	0.54 U	**45**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Hexachlorobenzene	6	mg/kg	0.037 U	0.040 U	0.054 U	0.90 U	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
Hexachlorobutadiene	- -	mg/kg	0.074 U	0.080 U	0.11 U	1.8 U	0.076 U	0.078 U	0.089 U	0.086 U	0.076 U	0.086 U [0.079 U]	0.084 U	0.089 U	0.072 U	0.083 U
Hexachlorocyclopentadiene	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 UJ
Hexachloroethane	- -	mg/kg	0.037 U	0.040 U	0.054 U	0.90 U	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
Indeno(1,2,3-cd)pyrene	5.6	mg/kg	**0.023 J**	**0.14**	0.054 U	**5.7**	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
Isophorone	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Naphthalene	500	mg/kg	0.37 U	**0.028 J**	0.54 U	**180**	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.47**	0.36 U	0.41 U
Nitrobenzene	- -	mg/kg	0.037 U	0.040 U	0.054 U	0.90 U	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
N-Nitrosodi-n-propylamine	- -	mg/kg	0.037 U	0.040 U	0.054 U	0.90 U	0.038 U	0.039 U	0.045 U	0.043 U	0.038 U	0.043 U [0.039 U]	0.042 U	0.045 U	0.036 U	0.041 U
N-Nitrosodiphenylamine	- -	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Pentachlorophenol	6.7	mg/kg	1.1 U	1.2 U	1.6 U	27 U	1.1 U	1.2 U	1.3 U	1.3 U	1.1 U	1.3 U [1.2 U]	1.3 U	1.3 U	1.1 U	1.2 U
Phenanthrene	500	mg/kg	**0.065 J**	**0.36 J**	0.54 U	**140**	**0.036 J**	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.063 J**	0.36 U	0.41 U
Phenol	500	mg/kg	0.37 U	0.40 U	0.54 U	9.0 U	0.38 U	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	0.45 U	0.36 U	0.41 U
Pyrene	500	mg/kg	**0.091 J**	**0.66**	**0.028 J**	**69**	**0.062 J**	0.39 U	0.45 U	0.43 U	0.38 U	0.43 U [0.39 U]	0.42 U	**0.035 J**	0.36 U	0.41 U
Total PAHs	- -	mg/kg	**0.52 J**	**4.4 J**	**0.053 J**	**840 J**	**0.26 J**	ND	ND	ND	ND	**0.024 J [ND]**	ND	**0.78 J**	ND	ND

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID:	Restricted		NG-19	NG-19	NG-20	NG-20	NG-20	NG-20	NG-22	NG-22	NG-22	NG-22	NG-24	NG-24	NG-24	NG-24
Sample Depth (ft):	Use SCOs		12 - 14	17 - 19	2 - 4	6 - 8	12 - 14	17 - 19	2 - 4	6 - 8	12 - 14	17 - 19	2 - 4	6 - 8	14 - 16	18 - 20
Date Collected:	Commercial	Units	02/26/08	02/26/08	02/26/08	02/26/08	02/26/08	02/26/08	02/26/08	02/26/08	02/26/08	02/26/08	02/27/08	02/27/08	02/27/08	02/27/08
VOCs by USEPA Method 8260B																
1,1,1-Trichloroethane	500	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
1,1,2,2-Tetrachloroethane	--	mg/kg	0.0014 U	0.0014 U	0.0011 U	0.0011 U	R [0.0013 U]	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0012 U	0.0011 U	0.0011 U	0.0014 U	0.0013 U
1,1,2-Trichloroethane	--	mg/kg	0.0041 U	0.0041 U	0.0034 U	0.0034 U	R [0.0039 U]	0.0038 U	0.0034 U	0.0036 U	0.0042 U	0.0038 U	0.0033 U	0.0034 U	0.0041 U	0.0038 U
1,1-Dichloroethane	240	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
1,1-Dichloroethene	500	mg/kg	0.0028 U	0.0028 U	0.0022 U	0.0023 U	R [0.0026 U]	0.0026 U	0.0022 U	0.0024 U	0.0028 U	0.0025 U	0.0022 U	0.0023 U	0.0027 U	0.0025 U
1,2-Dichloroethane	30	mg/kg	0.0028 U	0.0028 U	0.0022 U	0.0023 U	R [0.0026 U]	0.0026 U	0.0022 U	0.0024 U	0.0028 U	0.0025 U	0.0022 U	0.0023 U	0.0027 U	0.0025 U
1,2-Dichloropropane	--	mg/kg	0.0014 U	0.0014 U	0.0011 U	0.0011 U	R [0.0013 U]	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0012 U	0.0011 U	0.0011 U	0.0014 U	0.0013 U
2-Butanone	500	mg/kg	0.0069 U	**0.0052 J**	0.0056 U	0.0057 U	**0.0064 J [0.0065 U]**	**0.0086**	0.0056 U	0.0061 U	0.0071 U	**0.0034 J**	0.0056 U	0.0057 U	**0.0080**	**0.013**
2-Hexanone	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
4-Methyl-2-pentanone	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Acetone	500	mg/kg	0.034 UJ	0.047 UJ	0.0056 U	**0.066 J**	0.056 UJ [0.012 UJ]	**0.056 J**	0.0056 UJ	0.0061 UJ	0.020 UJ	0.028 UJ	0.0075 UJ	0.0095 UJ	**0.085 J**	**0.095 J**
Benzene	44	mg/kg	0.0014 U	**0.0037**	0.0011 U	0.0011 U	**R [0.0028]**	**0.0047**	0.0011 U	0.0012 U	0.0014 U	0.0012 U	0.0011 U	0.0011 U	**0.0052**	**0.067**
Bromodichloromethane	--	mg/kg	0.0014 U	0.0014 U	0.0011 U	0.0011 U	R [0.0013 U]	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0012 U	0.0011 U	0.0011 U	0.0014 U	0.0013 U
Bromoform	--	mg/kg	0.0055 U	0.0055 U	0.0045 U	0.0046 U	R [0.0052 U]	0.0051 U	0.0045 U	0.0048 U	0.0057 U	0.0050 U	0.0045 U	0.0046 U	0.0055 U	0.0051 U
Bromomethane	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Carbon disulfide	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	**0.00060 J**	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	**0.0016 J**	**0.0022 J**
Carbon tetrachloride	22	mg/kg	0.0028 U	0.0028 U	0.0022 U	0.0023 U	R [0.0026 U]	0.0026 U	0.0022 U	0.0024 U	0.0028 U	0.0025 U	0.0022 U	0.0023 U	0.0027 U	0.0025 U
Chlorobenzene	500	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 UJ	0.0064 U
Chloroethane	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Chloroform	350	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Chloromethane	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
cis-1,2-Dichloroethene	500	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
cis-1,3-Dichloropropene	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Dibromochloromethane	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Ethylbenzene	390	mg/kg	0.0055 U	**0.0029 J**	0.0045 U	0.0046 U	**R [0.0016 J]**	0.0051 U	0.0045 U	0.0048 U	0.0057 U	0.0050 U	0.0045 U	0.0046 U	**0.022 J**	**0.19**
Methylene chloride	500	mg/kg	0.0041 U	0.0041 U	0.0034 U	0.0034 U	0.0041 UJ [0.0039 U]	0.0038 U	0.0034 U	0.0036 U	0.0042 U	0.0038 U	**0.011**	0.0034 U	**0.0060**	**0.0030 J**
Styrene	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	**0.00040 J**
Tetrachloroethene	150	mg/kg	0.0014 U	0.0014 U	0.0011 U	0.0011 U	R [0.0013 U]	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0012 U	0.0011 U	0.0011 U	0.0014 U	0.0013 U
Toluene	500	mg/kg	0.0069 U	0.0069 U	0.0056 U	**0.00040 J**	**R [0.0015 J]**	**0.00080 J**	0.0056 U	0.0061 U	**0.00090 J**	0.0062 U	0.0056 U	**0.00070 J**	0.0068 U	**0.00080 J**
Total BTEX	--	mg/kg	ND	**0.0092 J**	ND	**0.00040 J**	**R [0.0067 J]**	**0.0055 J**	ND	ND	**0.00090 J**	ND	ND	**0.00070 J**	**0.042 J**	**0.39 J**
trans-1,2-Dichloroethene	500	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
trans-1,3-Dichloropropene	--	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Trichloroethene	200	mg/kg	0.0014 U	0.0014 U	0.0011 U	0.0011 U	R [0.0013 U]	0.0013 U	0.0011 U	0.0012 U	0.0014 U	0.0012 U	0.0011 U	0.0011 U	0.0014 U	0.0013 U
Vinyl chloride	13	mg/kg	0.0069 U	0.0069 U	0.0056 U	0.0057 U	R [0.0065 U]	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	0.0068 U	0.0064 U
Xylenes (total)	500	mg/kg	0.0069 U	**0.0026 J**	0.0056 U	0.0057 U	**R [0.00080 J]**	0.0064 U	0.0056 U	0.0061 U	0.0071 U	0.0062 U	0.0056 U	0.0057 U	**0.015**	**0.13**

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-19 12 - 14 02/26/08	NG-19 17 - 19 02/26/08	NG-20 2 - 4 02/26/08	NG-20 6 - 8 02/26/08	NG-20 12 - 14 02/26/08	NG-20 17 - 19 02/26/08	NG-22 2 - 4 02/26/08	NG-22 6 - 8 02/26/08	NG-22 12 - 14 02/26/08	NG-22 17 - 19 02/26/08	NG-24 2 - 4 02/27/08	NG-24 6 - 8 02/27/08	NG-24 14 - 16 02/27/08	NG-24 18 - 20 02/27/08
SVOCs by USEPA Method 8270C																
1,2,4-Trichlorobenzene	- -	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
1,2-Dichlorobenzene	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
1,3-Dichlorobenzene	280	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
1,4-Dichlorobenzene	130	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2,4,5-Trichlorophenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2,4,6-Trichlorophenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2,4-Dichlorophenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2,4-Dimethylphenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2,4-Dinitrophenol	- -	mg/kg	1.4 U	1.4 U	1.1 U	1.2 U	1.4 U [1.3 U]	1.3 U	1.2 U	1.2 U	1.5 U	1.3 U	1.2 U	1.2 U	1.4 U	1.3 U
2,4-Dinitrotoluene	- -	mg/kg	0.095 U	0.096 U	0.076 U	0.079 U	0.095 U [0.088 U]	0.086 U	0.078 U	0.082 U	0.10 U	0.088 U	0.078 U	0.077 U	0.094 U	0.086 U
2,6-Dinitrotoluene	- -	mg/kg	0.095 U	0.096 U	0.076 U	0.079 U	0.095 U [0.088 U]	0.086 U	0.078 U	0.082 U	0.10 U	0.088 U	0.078 U	0.077 U	0.094 U	0.086 U
2-Chloronaphthalene	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2-Chlorophenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2-Methylnaphthalene	- -	mg/kg	0.47 U	0.48 U	**0.015 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.019 J**	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	**0.025 J**
2-Methylphenol	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
2-Nitroaniline	- -	mg/kg	0.95 U	0.96 U	0.76 U	0.79 U	0.95 U [0.88 U]	0.86 U	0.78 U	0.82 U	1.0 U	0.88 U	0.78 U	0.77 U	0.94 U	0.86 U
2-Nitrophenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
3,3'-Dichlorobenzidine	- -	mg/kg	0.95 U	0.96 U	0.76 U	0.79 U	0.95 U [0.88 U]	0.86 U	0.78 U	0.82 U	1.0 U	0.88 U	0.78 U	0.77 U	0.94 U	0.86 U
3-Nitroaniline	- -	mg/kg	0.95 U	0.96 U	0.76 U	0.79 U	0.95 U [0.88 U]	0.86 U	0.78 U	0.82 U	1.0 U	0.88 U	0.78 U	0.77 U	0.94 U	0.86 U
4,6-Dinitro-2-methylphenol	- -	mg/kg	1.4 U	1.4 U	1.1 U	1.2 U	1.4 U [1.3 U]	1.3 U	1.2 U	1.2 U	1.5 U	1.3 U	1.2 U	1.2 U	1.4 U	1.3 U
4-Bromophenyl phenyl ether	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
4-Chloro-3-methylphenol	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
4-Chloroaniline	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
4-Chlorophenyl phenyl ether	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
4-Methylphenol	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
4-Nitroaniline	- -	mg/kg	0.95 U	0.96 U	0.76 U	0.79 U	0.95 U [0.88 U]	0.86 U	0.78 U	0.82 U	1.0 U	0.88 U	0.78 U	0.77 U	0.94 U	0.86 U
4-Nitrophenol	- -	mg/kg	1.4 U	1.4 U	1.1 U	1.2 U	1.4 U [1.3 U]	1.3 U	1.2 U	1.2 U	1.5 U	1.3 U	1.2 U	1.2 U	**0.025 J**	1.3 U
Acenaphthene	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Acenaphthylene	500	mg/kg	0.47 U	0.48 U	**0.084 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.060 J**	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Anthracene	500	mg/kg	0.47 U	0.48 U	**0.033 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.026 J**	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Benzo(a)anthracene	5.6	mg/kg	0.047 U	0.048 U	**0.20**	0.040 U	0.048 U [0.044 U]	0.043 U	**0.098**	0.041 U	0.050 U	0.044 U	**0.030 J**	0.038 U	0.047 U	0.043 U
Benzo(a)pyrene	1	mg/kg	0.047 U	0.048 U	**0.19**	0.040 U	0.048 U [0.044 U]	0.043 U	**0.10**	0.041 U	0.050 U	0.044 U	**0.030 J**	0.038 U	0.047 U	0.043 U
Benzo(b)fluoranthene	5.6	mg/kg	0.047 U	0.048 U	**0.16**	0.040 U	0.048 U [0.044 U]	0.043 U	**0.091**	0.041 U	0.050 U	0.044 U	**0.027 J**	0.038 U	0.047 U	0.043 U
Benzo(ghi)perylene	500	mg/kg	0.47 U	0.48 U	**0.087 J**	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	**0.025 J**	0.38 U	0.47 U	0.43 U
Benzo(k)fluoranthene	56	mg/kg	0.047 U	0.048 U	**0.24**	0.040 U	0.048 U [0.044 U]	0.043 U	**0.14**	0.041 U	0.050 U	0.044 U	**0.036 J**	0.038 U	0.047 U	0.043 U
bis(2-Chloroethoxy)methane	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
bis(2-Chloroethyl) ether	- -	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
bis(2-chloroisopropyl)ether	- -	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
bis(2-Ethylhexyl) phthalate	- -	mg/kg	0.47 U	**0.18 J**	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	**0.16 J**	0.39 U	0.38 U	0.47 U	0.43 U

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-19 12 - 14 02/26/08	NG-19 17 - 19 02/26/08	NG-20 2 - 4 02/26/08	NG-20 6 - 8 02/26/08	NG-20 12 - 14 02/26/08	NG-20 17 - 19 02/26/08	NG-22 2 - 4 02/26/08	NG-22 6 - 8 02/26/08	NG-22 12 - 14 02/26/08	NG-22 17 - 19 02/26/08	NG-24 2 - 4 02/27/08	NG-24 6 - 8 02/27/08	NG-24 14 - 16 02/27/08	NG-24 18 - 20 02/27/08
SVOCs by USEPA Method 8270C (continued)																
Butyl benzyl phthalate	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Carbazole	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Chrysene	56	mg/kg	0.47 U	0.48 U	**0.22 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.12 J**	0.41 U	0.50 U	0.44 U	**0.053 J**	0.38 U	0.47 U	0.43 U
Dibenzo(a,h)anthracene	0.56	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
Dibenzofuran	350	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Diethyl phthalate	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Dimethyl phthalate	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Di-n-butyl phthalate	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Di-n-octyl phthalate	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Fluoranthene	500	mg/kg	0.47 U	0.48 U	**0.32 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.16 J**	0.41 U	0.50 U	0.44 U	**0.051 J**	0.38 U	0.47 U	0.43 U
Fluorene	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Hexachlorobenzene	6	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
Hexachlorobutadiene	--	mg/kg	0.095 U	0.096 U	0.076 U	0.079 U	0.095 U [0.088 U]	0.086 U	0.078 U	0.082 U	0.10 U	0.088 U	0.078 U	0.077 U	0.094 U	0.086 U
Hexachlorocyclopentadiene	--	mg/kg	0.47 UJ	0.48 UJ	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 UJ	0.39 U	0.41 UJ	0.50 UJ	0.44 UJ	0.39 U	0.38 U	0.47 U	0.43 U
Hexachloroethane	--	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
Indeno(1,2,3-cd)pyrene	5.6	mg/kg	0.047 U	0.048 U	**0.10**	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	**0.023 J**	0.038 U	0.047 U	0.043 U
Isophorone	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Naphthalene	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	**0.15 J**	**0.56**
Nitrobenzene	--	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
N-Nitrosodi-n-propylamine	--	mg/kg	0.047 U	0.048 U	0.038 U	0.040 U	0.048 U [0.044 U]	0.043 U	0.039 U	0.041 U	0.050 U	0.044 U	0.039 U	0.038 U	0.047 U	0.043 U
N-Nitrosodiphenylamine	--	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Pentachlorophenol	6.7	mg/kg	1.4 U	1.4 U	1.1 U	1.2 U	1.4 U [1.3 U]	1.3 U	1.2 U	1.2 U	1.5 U	1.3 U	1.2 U	1.2 U	1.4 U	1.3 U
Phenanthrene	500	mg/kg	0.47 U	0.48 U	**0.15 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.081 J**	0.41 U	0.50 U	0.44 U	**0.028 J**	0.38 U	0.47 U	0.43 U
Phenol	500	mg/kg	0.47 U	0.48 U	0.38 U	0.40 U	0.48 U [0.44 U]	0.43 U	0.39 U	0.41 U	0.50 U	0.44 U	0.39 U	0.38 U	0.47 U	0.43 U
Pyrene	500	mg/kg	0.47 U	0.48 U	**0.27 J**	0.40 U	0.48 U [0.44 U]	0.43 U	**0.15 J**	0.41 U	0.50 U	0.44 U	**0.056 J**	0.38 U	0.47 U	0.43 U
Total PAHs	--	mg/kg	ND	ND	**2.1 J**	ND	ND [ND]	ND	**1.0 J**	ND	ND	ND	**0.36 J**	ND	**0.15 J**	**0.59 J**

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-25 2 - 4 02/26/08	NG-25 6 - 8 02/26/08	NG-25 10.5 - 12.5 02/26/08	NG-25 16.5 - 18.5 02/26/08	NG-26 2 - 4 02/28/08	NG-26 6 - 8 02/28/08	NG-26 12 - 14 02/28/08	NG-26 18 - 20 02/28/08	NG-27 2 - 4 02/29/08	NG-27 6 - 8 02/29/08	NG-27 12 - 14 02/29/08	NG-27 21 - 23 02/29/08	MW-SS-08-05 2 - 4 02/28/08	MW-SS-08-05 6 - 8 02/28/08
VOCs by USEPA Method 8260B																
1,1,1-Trichloroethane	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
1,1,2,2-Tetrachloroethane	--	mg/kg	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0013 U	0.0014 U	0.0010 U	0.0011 U	0.0011 U	0.0014 U [0.0012 U]	0.0013 U	0.0012 U
1,1,2-Trichloroethane	--	mg/kg	0.0033 U	0.0038 U	0.0038 U	0.0039 U	0.0033 U	0.0040 U	0.0038 U	0.0041 U	0.0032 U	0.0032 U	0.0032 U	0.0042 U [0.0036 U]	0.0040 U	0.0037 U
1,1-Dichloroethane	240	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
1,1-Dichloroethene	500	mg/kg	0.0022 U	0.0025 U	0.0025 U	0.0026 U	0.0022 UJ	0.0027 U	0.0026 U	0.0028 U	0.0021 U	0.0022 U	0.0021 U	0.0028 U [0.0024 U]	0.0027 U	0.0024 U
1,2-Dichloroethane	30	mg/kg	0.0022 U	0.0025 U	0.0025 U	0.0026 U	0.0022 U	0.0027 U	0.0026 U	0.0028 U	0.0021 U	0.0022 U	0.0021 U	0.0028 U [0.0024 U]	0.0027 U	0.0024 U
1,2-Dichloropropane	--	mg/kg	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0013 U	0.0014 U	0.0010 U	0.0011 U	0.0011 U	0.0014 U [0.0012 U]	0.0013 U	0.0012 U
2-Butanone	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	**0.0084 [0.0060 U]**	0.0067 U	0.0061 U
2-Hexanone	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
4-Methyl-2-pentanone	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Acetone	500	mg/kg	0.0055 UJ	0.043 UJ	0.015 UJ	0.016 UJ	0.018 UJ	0.024 UJ	0.016 UJ	0.025 UJ	0.013 UJ	0.0054 UJ	0.019 UJ	**0.068 J [0.023 UJ]**	0.016 UJ	0.0089 UJ
Benzene	44	mg/kg	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0013 U	0.0014 U	0.0010 U	0.0011 U	0.0011 U	0.0014 U [0.0012 U]	0.0013 U	0.0012 U
Bromodichloromethane	--	mg/kg	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0013 U	0.0014 U	0.0010 U	0.0011 U	0.0011 U	0.0014 U [0.0012 U]	0.0013 U	0.0012 U
Bromoform	--	mg/kg	0.0044 U	0.0050 U	0.0051 U	0.0052 U	0.0044 U	0.0053 U	0.0051 U	0.0055 U	0.0042 U	0.0043 U	0.0043 U	0.0057 U [0.0048 U]	0.0054 U	0.0049 U
Bromomethane	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Carbon disulfide	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Carbon tetrachloride	22	mg/kg	0.0022 U	0.0025 U	0.0025 U	0.0026 U	0.0022 U	0.0027 U	0.0026 U	0.0028 U	0.0021 U	0.0022 U	0.0021 U	0.0028 U [0.0024 U]	0.0027 U	0.0024 U
Chlorobenzene	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 UJ	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Chloroethane	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Chloroform	350	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 UJ	0.0067 U	0.0064 U	0.0069 U	0.0053 U	**0.0011 J**	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Chloromethane	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
cis-1,2-Dichloroethene	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
cis-1,3-Dichloropropene	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Dibromochloromethane	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Ethylbenzene	390	mg/kg	0.0044 U	0.0050 U	0.0051 U	0.0052 U	0.0044 UJ	0.0053 U	0.0051 U	0.0055 U	0.0042 U	0.0043 U	0.0043 U	**0.0056 J [0.00060 J]**	0.0054 U	0.0049 U
Methylene chloride	500	mg/kg	0.0033 U	0.0038 U	0.0038 U	0.0039 U	0.0063 U	0.0040 U	0.0067 U	0.0076 U	0.0072 U	0.0068 U	0.0032 U	0.0042 U [0.0036 U]	**0.021**	0.0052 U
Styrene	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Tetrachloroethene	150	mg/kg	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0013 U	0.0014 U	0.0010 U	0.0011 U	0.0011 U	0.0014 U [0.0012 U]	0.0013 U	0.0012 U
Toluene	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	**0.0012 J [0.0060 U]**	0.0067 U	0.0061 U
Total BTEX	--	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.012 J [0.00060 J]**	ND	ND
trans-1,2-Dichloroethene	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
trans-1,3-Dichloropropene	--	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Trichloroethene	200	mg/kg	0.0011 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0013 U	0.0014 U	0.0010 U	0.0011 U	0.0011 U	0.0014 U [0.0012 U]	0.0013 U	0.0012 U
Vinyl chloride	13	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	0.0071 U [0.0060 U]	0.0067 U	0.0061 U
Xylenes (total)	500	mg/kg	0.0055 U	0.0063 U	0.0063 U	0.0065 U	0.0055 U	0.0067 U	0.0064 U	0.0069 U	0.0053 U	0.0054 U	0.0054 U	**0.0055 J [0.0060 U]**	0.0067 U	0.0061 U

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-25 2 - 4 02/26/08	NG-25 6 - 8 02/26/08	NG-25 10.5 - 12.5 02/26/08	NG-25 16.5 - 18.5 02/26/08	NG-26 2 - 4 02/28/08	NG-26 6 - 8 02/28/08	NG-26 12 - 14 02/28/08	NG-26 18 - 20 02/28/08	NG-27 2 - 4 02/29/08	NG-27 6 - 8 02/29/08	NG-27 12 - 14 02/29/08	NG-27 21 - 23 02/29/08	MW-SS-08-05 2 - 4 02/28/08	MW-SS-08-05 6 - 8 02/28/08
SVOCs by USEPA Method 8270C																
1,2,4-Trichlorobenzene	--	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	0.037 U	0.037 U	0.048 U [0.041 U]	0.039 U	0.043 U
1,2-Dichlorobenzene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
1,3-Dichlorobenzene	280	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
1,4-Dichlorobenzene	130	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2,4,5-Trichlorophenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2,4,6-Trichlorophenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2,4-Dichlorophenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2,4-Dimethylphenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2,4-Dinitrophenol	--	mg/kg	1.2 U	1.3 U	1.3 U	1.3 U	1.1 U	1.4 U	1.3 U	1.4 U	1.1 U	1.1 U	1.1 U	1.4 U [1.2 U]	1.2 U	1.3 U
2,4-Dinitrotoluene	--	mg/kg	0.077 U	0.084 U	0.085 U	0.087 U	0.075 U	0.092 U	0.086 U	0.092 U	0.072 U	0.074 U	0.073 U	0.096 U [0.081 U]	0.077 U	0.086 U
2,6-Dinitrotoluene	--	mg/kg	0.077 U	0.084 U	0.085 U	0.087 U	0.075 U	0.092 U	0.086 U	0.092 U	0.072 U	0.074 U	0.073 U	0.096 U [0.081 U]	0.077 U	0.086 U
2-Chloronaphthalene	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2-Chlorophenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2-Methylnaphthalene	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	**0.027 J**	0.37 U	**0.041 J [0.41 U]**	**0.018 J**	0.43 U
2-Methylphenol	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
2-Nitroaniline	--	mg/kg	0.77 U	0.84 U	0.85 U	0.87 U	0.75 U	0.92 U	0.86 U	0.92 U	0.72 U	0.74 U	0.73 U	0.96 U [0.81 U]	0.77 U	0.86 U
2-Nitrophenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
3,3'-Dichlorobenzidine	--	mg/kg	0.77 U	0.84 U	0.85 U	0.87 U	0.75 U	0.92 U	0.86 U	0.92 U	0.72 U	0.74 U	0.73 U	0.96 U [0.81 U]	0.77 U	0.86 U
3-Nitroaniline	--	mg/kg	0.77 U	0.84 U	0.85 U	0.87 U	0.75 U	0.92 U	0.86 U	0.92 U	0.72 U	0.74 U	0.73 U	0.96 U [0.81 U]	0.77 U	0.86 U
4,6-Dinitro-2-methylphenol	--	mg/kg	1.2 U	1.3 U	1.3 U	1.3 U	1.1 U	1.4 U	1.3 U	1.4 U	1.1 U	1.1 U	1.1 U	1.4 U [1.2 U]	1.2 U	1.3 U
4-Bromophenyl phenyl ether	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
4-Chloro-3-methylphenol	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
4-Chloroaniline	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
4-Chlorophenyl phenyl ether	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
4-Methylphenol	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
4-Nitroaniline	--	mg/kg	0.77 U	0.84 U	0.85 U	0.87 U	0.75 U	0.92 U	0.86 U	0.92 U	0.72 U	0.74 U	0.73 U	0.96 U [0.81 U]	0.77 U	0.86 U
4-Nitrophenol	--	mg/kg	1.2 U	1.3 U	1.3 U	1.3 U	1.1 U	1.4 U	1.3 U	1.4 U	1.1 U	1.1 U	1.1 U	1.4 U [1.2 U]	1.2 U	1.3 U
Acenaphthene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	**0.033 J [0.41 U]**	0.39 U	0.43 U
Acenaphthylene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.026 J**	0.46 U	0.43 U	0.46 U	0.36 U	**0.079 J**	0.37 U	0.48 U [0.41 U]	**0.14 J**	0.43 U
Anthracene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.014 J**	0.46 U	0.43 U	0.46 U	0.36 U	**0.047 J**	0.37 U	**0.011 J [0.41 U]**	**0.069 J**	0.43 U
Benzo(a)anthracene	5.6	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	**0.070**	0.046 U	0.043 U	0.046 U	0.036 U	**0.18**	0.037 U	0.048 U [0.041 U]	**0.30**	0.043 U
Benzo(a)pyrene	1	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	**0.083**	0.046 U	0.043 U	0.046 U	0.036 U	**0.19**	0.037 U	0.048 U [0.041 U]	**0.32**	0.043 U
Benzo(b)fluoranthene	5.6	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	**0.061**	0.046 U	0.043 U	0.046 U	0.036 U	**0.20**	0.037 U	0.048 U [0.041 U]	**0.26**	0.043 U
Benzo(ghi)perylene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.064 J**	0.46 U	0.43 U	0.46 U	0.36 U	**0.062 J**	0.37 U	0.48 U [0.41 U]	**0.13 J**	0.43 U
Benzo(k)fluoranthene	56	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	**0.070**	0.046 U	0.043 U	0.046 U	0.036 U	**0.23**	0.037 U	0.048 U [0.041 U]	**0.38**	0.043 U
bis(2-Chloroethoxy)methane	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
bis(2-Chloroethyl) ether	--	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	0.037 U	0.037 U	0.048 U [0.041 U]	0.039 U	0.043 U
bis(2-chloroisopropyl)ether	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
bis(2-Ethylhexyl) phthalate	--	mg/kg	0.38 U	0.42 U	**0.11 J**	0.43 U	**0.12 J**	0.46 U	**0.12 J**	**0.14 J**	**0.079 J**	**0.087 J**	0.37 U	**0.11 J [0.66]**	0.39 U	0.43 U

See Notes on Page 13.

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NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	NG-25 2 - 4 02/26/08	NG-25 6 - 8 02/26/08	NG-25 10.5 - 12.5 02/26/08	NG-25 16.5 - 18.5 02/26/08	NG-26 2 - 4 02/28/08	NG-26 6 - 8 02/28/08	NG-26 12 - 14 02/28/08	NG-26 18 - 20 02/28/08	NG-27 2 - 4 02/29/08	NG-27 6 - 8 02/29/08	NG-27 12 - 14 02/29/08	NG-27 21 - 23 02/29/08	MW-SS-08-05 2 - 4 02/28/08	MW-SS-08-05 6 - 8 02/28/08
SVOCs by USEPA Method 8270C (continued)																
Butyl benzyl phthalate	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Carbazole	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	**0.020 J**	0.37 U	0.48 U [0.41 U]	**0.022 J**	0.43 U
Chrysene	56	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.093 J**	0.46 U	**0.012 J**	0.46 U	0.36 U	**0.21 J**	0.37 U	0.48 U [0.41 U]	**0.40**	0.43 U
Dibenzo(a,h)anthracene	0.56	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	**0.025 J**	0.037 U	0.048 U [0.041 U]	**0.057**	0.043 U
Dibenzofuran	350	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	**0.0099 J**	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Diethyl phthalate	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Dimethyl phthalate	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Di-n-butyl phthalate	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Di-n-octyl phthalate	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Fluoranthene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.11 J**	0.46 U	0.43 U	0.46 U	0.36 U	**0.32 J**	0.37 U	0.48 U [0.41 U]	**0.50**	0.43 U
Fluorene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	**0.016 J [0.41 U]**	0.39 U	0.43 U
Hexachlorobenzene	6	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	0.037 U	0.037 U	0.048 U [0.041 U]	0.039 U	0.043 U
Hexachlorobutadiene	--	mg/kg	0.077 U	0.084 U	0.085 U	0.087 U	0.075 U	0.092 U	0.086 U	0.092 U	0.072 U	0.074 U	0.073 U	0.096 U [0.081 U]	0.077 U	0.086 U
Hexachlorocyclopentadiene	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Hexachloroethane	--	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	0.037 U	0.037 U	0.048 U [0.041 U]	0.039 U	0.043 U
Indeno(1,2,3-cd)pyrene	5.6	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	**0.052**	0.046 U	0.043 U	0.046 U	0.036 U	**0.074**	0.037 U	0.048 U [0.041 U]	**0.13**	0.043 U
Isophorone	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Naphthalene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	**0.021 J**	0.37 U	**0.19 J [0.41 U]**	0.39 U	0.43 U
Nitrobenzene	--	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	0.037 U	0.037 U	0.048 U [0.041 U]	0.039 U	0.043 U
N-Nitrosodi-n-propylamine	--	mg/kg	0.038 U	0.042 U	0.043 U	0.043 U	0.038 U	0.046 U	0.043 U	0.046 U	0.036 U	0.037 U	0.037 U	0.048 U [0.041 U]	0.039 U	0.043 U
N-Nitrosodiphenylamine	--	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Pentachlorophenol	6.7	mg/kg	1.2 U	1.3 U	1.3 U	1.3 U	1.1 U	1.4 U	1.3 U	1.4 U	1.1 U	1.1 U	1.1 U	1.4 U [1.2 U]	1.2 U	1.3 U
Phenanthrene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.041 J**	0.46 U	0.43 U	0.46 U	0.36 U	**0.17 J**	0.37 U	**0.055 J [0.41 U]**	**0.19 J**	0.43 U
Phenol	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	0.38 U	0.46 U	0.43 U	0.46 U	0.36 U	0.37 U	0.37 U	0.48 U [0.41 U]	0.39 U	0.43 U
Pyrene	500	mg/kg	0.38 U	0.42 U	0.43 U	0.43 U	**0.14 J**	0.46 U	0.43 U	0.46 U	0.36 U	**0.34 J**	0.37 U	0.48 U [0.41 U]	**0.49**	0.43 U
Total PAHs	--	mg/kg	ND	ND	ND	ND	**0.82 J**	ND	**0.012 J**	ND	ND	**2.2 J**	ND	**0.35 J [ND]**	**3.4 J**	ND

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Sample Depth (ft): / Date Collected:	Restricted Use SCOs Commercial	Units	MW-SS-08-05 9.5 - 11.5 02/28/08	MW-SS-08-05 18 - 20 02/28/08	MW-SS-08-08 6 - 8 02/27/08	MW-SS-08-08 8 02/27/08	MW-SS-08-08 12 - 14 02/27/08	MW-SS-08-08 17 - 19 02/27/08
VOCs by USEPA Method 8260B								
1,1,1-Trichloroethane	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
1,1,2,2-Tetrachloroethane	--	mg/kg	0.0012 U	0.0013 U	0.0012 U	0.0011 U	R	0.0012 U
1,1,2-Trichloroethane	--	mg/kg	0.0036 U	0.0038 U	0.0036 U	0.0034 U	R	0.0037 U
1,1-Dichloroethane	240	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
1,1-Dichloroethene	500	mg/kg	0.0024 U	0.0025 U	0.0024 U	0.0022 U	R	0.0024 U
1,2-Dichloroethane	30	mg/kg	0.0024 U	0.0025 U	0.0024 U	0.0022 U	R	0.0024 U
1,2-Dichloropropane	--	mg/kg	0.0012 U	0.0013 U	0.0012 U	0.0011 U	R	0.0012 U
2-Butanone	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	**0.0020 J**
2-Hexanone	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 UJ
4-Methyl-2-pentanone	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Acetone	500	mg/kg	0.013 UJ	0.018 UJ	0.0089 UJ	0.0060 UJ	0.034 UJ	0.018 UJ
Benzene	44	mg/kg	0.0012 U	0.0013 U	0.0012 U	0.0011 U	R	**0.0024**
Bromodichloromethane	--	mg/kg	0.0012 U	0.0013 U	0.0012 U	0.0011 U	R	0.0012 U
Bromoform	--	mg/kg	0.0048 U	0.0051 U	0.0048 U	0.0045 U	R	0.0049 U
Bromomethane	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Carbon disulfide	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Carbon tetrachloride	22	mg/kg	0.0024 U	0.0025 U	0.0024 U	0.0022 U	R	0.0024 U
Chlorobenzene	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Chloroethane	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Chloroform	350	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Chloromethane	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
cis-1,2-Dichloroethene	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
cis-1,3-Dichloropropene	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Dibromochloromethane	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Ethylbenzene	390	mg/kg	0.0048 U	0.0051 U	0.0048 U	0.0045 U	R	**0.0074**
Methylene chloride	500	mg/kg	0.0041 U	0.0038 U	0.0036 U	0.0034 U	R	0.0037 U
Styrene	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Tetrachloroethene	150	mg/kg	0.0012 U	0.0013 U	0.0012 U	0.0011 U	R	0.0012 U
Toluene	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Total BTEX	--	mg/kg	ND	ND	ND	ND	R	**0.016 J**
trans-1,2-Dichloroethene	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
trans-1,3-Dichloropropene	--	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Trichloroethene	200	mg/kg	0.0012 U	0.0013 U	0.0012 U	0.0011 U	R	0.0012 U
Vinyl chloride	13	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	0.0061 U
Xylenes (total)	500	mg/kg	0.0060 U	0.0063 U	0.0060 U	0.0056 U	R	**0.0057 J**

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: Sample Depth (ft): Date Collected:	Restricted Use SCOs Commercial	Units	MW-SS-08-05 9.5 - 11.5 02/28/08	MW-SS-08-05 18 - 20 02/28/08	MW-SS-08-08 6 - 8 02/27/08	MW-SS-08-08 8 02/27/08	MW-SS-08-08 12 - 14 02/27/08	MW-SS-08-08 17 - 19 02/27/08
SVOCs by USEPA Method 8270C								
1,2,4-Trichlorobenzene	- -	mg/kg	0.043 U	0.044 U	0.041 U	0.039 U	0.043 U	0.043 U
1,2-Dichlorobenzene	500	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
1,3-Dichlorobenzene	280	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
1,4-Dichlorobenzene	130	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2,4,5-Trichlorophenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2,4,6-Trichlorophenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2,4-Dichlorophenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2,4-Dimethylphenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2,4-Dinitrophenol	- -	mg/kg	1.3 U	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U
2,4-Dinitrotoluene	- -	mg/kg	0.086 U	0.088 U	0.082 U	0.078 U	0.086 U	0.086 U
2,6-Dinitrotoluene	- -	mg/kg	0.086 U	0.088 U	0.082 U	0.078 U	0.086 U	0.086 U
2-Chloronaphthalene	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2-Chlorophenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2-Methylnaphthalene	- -	mg/kg	0.43 U	0.44 U	0.41 U	**0.061 J**	0.43 U	0.43 U
2-Methylphenol	500	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
2-Nitroaniline	- -	mg/kg	0.86 U	0.88 U	0.82 U	0.78 U	0.86 U	0.86 U
2-Nitrophenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
3,3'-Dichlorobenzidine	- -	mg/kg	0.86 U	0.88 U	0.82 U	0.78 U	0.86 U	0.86 U
3-Nitroaniline	- -	mg/kg	0.86 U	0.88 U	0.82 U	0.78 U	0.86 U	0.86 U
4,6-Dinitro-2-methylphenol	- -	mg/kg	1.3 U	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U
4-Bromophenyl phenyl ether	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
4-Chloro-3-methylphenol	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
4-Chloroaniline	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
4-Chlorophenyl phenyl ether	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
4-Methylphenol	500	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
4-Nitroaniline	- -	mg/kg	0.86 U	0.88 U	0.82 U	0.78 U	0.86 U	0.86 U
4-Nitrophenol	- -	mg/kg	1.3 U	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U
Acenaphthene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.021 J**	0.43 U	0.43 U
Acenaphthylene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.14 J**	0.43 U	0.43 U
Anthracene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.063 J**	0.43 U	0.43 U
Benzo(a)anthracene	5.6	mg/kg	0.043 U	0.044 U	0.041 U	**0.22**	0.043 U	0.043 U
Benzo(a)pyrene	1	mg/kg	0.043 U	0.044 U	0.041 U	**0.24**	0.043 U	0.043 U
Benzo(b)fluoranthene	5.6	mg/kg	0.043 U	0.044 U	0.041 U	**0.18**	0.043 U	0.043 U
Benzo(ghi)perylene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.096 J**	0.43 U	0.43 U
Benzo(k)fluoranthene	56	mg/kg	0.043 U	0.044 U	0.041 U	**0.31**	0.043 U	0.043 U
bis(2-Chloroethoxy)methane	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
bis(2-Chloroethyl) ether	- -	mg/kg	0.043 U	0.044 U	0.041 U	0.039 U	0.043 U	0.043 U
bis(2-chloroisopropyl)ether	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
bis(2-Ethylhexyl) phthalate	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: Sample Depth (ft): Date Collected:	Restricted Use SCOs Commercial	Units	MW-SS-08-05 9.5 - 11.5 02/28/08	MW-SS-08-05 18 - 20 02/28/08	MW-SS-08-08 6 - 8 02/27/08	MW-SS-08-08 8 02/27/08	MW-SS-08-08 12 - 14 02/27/08	MW-SS-08-08 17 - 19 02/27/08
SVOCs by USEPA Method 8270C (continued)								
Butyl benzyl phthalate	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Carbazole	- -	mg/kg	0.43 U	0.44 U	0.41 U	**0.026 J**	0.43 U	0.43 U
Chrysene	56	mg/kg	0.43 U	0.44 U	0.41 U	**0.26 J**	0.43 U	0.43 U
Dibenzo(a,h)anthracene	0.56	mg/kg	0.043 U	0.044 U	0.041 U	**0.051**	0.043 U	0.043 U
Dibenzofuran	350	mg/kg	0.43 U	0.44 U	0.41 U	**0.012 J**	0.43 U	0.43 U
Diethyl phthalate	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Dimethyl phthalate	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Di-n-butyl phthalate	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Di-n-octyl phthalate	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Fluoranthene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.43**	0.43 U	0.43 U
Fluorene	500	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Hexachlorobenzene	6	mg/kg	0.043 U	0.044 U	0.041 U	0.039 U	0.043 U	0.043 U
Hexachlorobutadiene	- -	mg/kg	0.086 U	0.088 U	0.082 U	0.078 U	0.086 U	0.086 U
Hexachlorocyclopentadiene	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Hexachloroethane	- -	mg/kg	0.043 U	0.044 U	0.041 U	0.039 U	0.043 U	0.043 U
Indeno(1,2,3-cd)pyrene	5.6	mg/kg	0.043 U	0.044 U	0.041 U	**0.11**	0.043 U	0.043 U
Isophorone	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Naphthalene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.073 J**	0.43 U	**0.033 J**
Nitrobenzene	- -	mg/kg	0.043 U	0.044 U	0.041 U	0.039 U	0.043 U	0.043 U
N-Nitrosodi-n-propylamine	- -	mg/kg	0.043 U	0.044 U	0.041 U	0.039 U	0.043 U	0.043 U
N-Nitrosodiphenylamine	- -	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Pentachlorophenol	6.7	mg/kg	1.3 U	1.3 U	1.2 U	1.2 U	1.3 U	1.3 U
Phenanthrene	500	mg/kg	**0.0098 J**	0.44 U	0.41 U	**0.21 J**	0.43 U	0.43 U
Phenol	500	mg/kg	0.43 U	0.44 U	0.41 U	0.39 U	0.43 U	0.43 U
Pyrene	500	mg/kg	0.43 U	0.44 U	0.41 U	**0.36 J**	0.43 U	0.43 U
Total PAHs	- -	mg/kg	**0.0098 J**	ND	ND	**2.8 J**	ND	**0.033 J**

See Notes on Page 13.

TABLE 1
SOIL SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Notes:
1. All concentrations reported in milligrams per kilogram (mg/kg); equivalent to parts per million (ppm).
2. Detected concentrations are presented in bold font.
3. Shading indicates that the result exceeds NYSDEC Subpart 375-6 Restricted Use Soil Cleanup Objectives for Commercial Use.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:
J = Estimated value.
R = Rejected.
U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
ND = Not detected.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-01 07/28/06	MW-EPA-01 03/26/08	MW-EPA-02 07/27/06	MW-EPA-02 03/26/08	MW-EPA-03 07/28/06	MW-EPA-04 07/27/06	MW-EPA-04 03/26/08	MW-EPA-05 03/26/08	MW-EPA-06 07/28/06	MW-EPA-07 07/27/06	MW-EPA-07 03/26/08	MW-EPA-09 07/28/06
VOCs by USEPA Method 8260B														
1,1,1-Trichloroethane	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
1,1,2,2-Tetrachloroethane	5	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	50 U	5.0 U	5.0 U	1.0 U	1.0 U [1.0 U]	2.0 U	1.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
1,1,2-Trichloroethane	1	ug/L	1.0 U	3.0 U	1.0 U	3.0 U	1.0 U	50 U	15 U	15 U	1.0 U	1.0 U [1.0 U]	6.0 U	1.0 U
1,1-Dichloroethane	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
1,1-Dichloroethene	5	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	1.0 U	50 U	10 U	10 U	1.0 U	1.0 U [1.0 U]	4.0 U	1.0 U
1,2,4-Trichlorobenzene	5	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 UJ [1.0 UJ]	NA	1.0 UJ
1,2-Dibromo-3-chloropropane	0.04	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U	50 UJ	NA	NA	1.0 UJ	1.0 UJ [1.0 UJ]	NA	1.0 UJ
1,2-Dibromoethane	0.0006	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
1,2-Dichlorobenzene	3	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
1,2-Dichloroethane	0.6	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	1.0 U	50 U	10 U	10 U	1.0 U	1.0 U [1.0 U]	4.0 U	1.0 U
1,2-Dichloropropane	1	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	50 U	5.0 U	5.0 U	1.0 U	1.0 U [1.0 U]	2.0 U	1.0 U
1,3-Dichlorobenzene	3	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
1,4-Dichlorobenzene	3	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
2-Butanone	50	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U	25 U	25 U	5.0 U	5.0 U [5.0 U]	10 U	5.0 U
2-Hexanone	50	ug/L	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	250 U	25 U	25 U	5.0 U	5.0 U [5.0 U]	10 U	5.0 U
4-Methyl-2-pentanone	- -	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	250 U	25 U	25 U	5.0 U	5.0 U [5.0 U]	10 U	5.0 U
Acetone	50	ug/L	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	250 UJ	25 U	25 U	5.0 UJ	5.0 UJ [5.0 UJ]	10 U	5.0 UJ
Benzene	1	ug/L	1.0 U	1.0 U	4.2	3.8	1.0 U	1,500	910	620	1.0 U	1.0 U [1.0 U]	140	1.0 U
Bromodichloromethane	50	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	50 U	5.0 U	5.0 U	1.0 U	1.0 U [1.0 U]	2.0 U	1.0 U
Bromoform	50	ug/L	1.0 U	4.0 UJ	1.0 U	4.0 UJ	1.0 U	50 U	20 U	20 U	1.0 U	1.0 U [1.0 U]	8.0 U	1.0 U
Bromomethane	5	ug/L	1.0 UJ	5.0 U	1.0 UJ	5.0 U	1.0 UJ	50 UJ	25 UJ	25 UJ	1.0 UJ	1.0 UJ [1.0 UJ]	10 UJ	1.0 UJ
Carbon disulfide	60	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Carbon tetrachloride	5	ug/L	1.0 U	2.0 U	1.0 U	2.0 U	1.0 U	50 U	10 U	10 U	1.0 U	1.0 U [1.0 U]	2.9 J	1.0 U
Chlorobenzene	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Chloroethane	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Chloroform	7	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	0.20 J	1.0 U [1.0 U]	10 U	1.0 U
Chloromethane	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
cis-1,2-Dichloroethene	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
cis-1,3-Dichloropropene	0.4	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Cyclohexane	- -	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 UJ [1.0 UJ]	NA	1.0 UJ
Dibromochloromethane	50	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Dichlorodifluoromethane	5	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
Ethylbenzene	5	ug/L	1.0 U	4.0 U	1.7	4.0 U	1.0 U	61	140	680	1.0 U	1.0 U [1.0 U]	200	1.0 U
Isopropylbenzene	5	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 U [1.0 U]	NA	1.0 U
Methyl acetate	- -	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 UJ	50 UJ	NA	NA	1.0 UJ	1.0 UJ [1.0 UJ]	NA	1.0 UJ
Methyl tert-butyl ether	10	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 UJ	50 UJ	NA	NA	1.0 UJ	1.0 UJ [1.0 UJ]	NA	1.0 UJ
Methylcyclohexane	- -	ug/L	1.0 U	NA	1.0 U	NA	1.0 U	50 U	NA	NA	1.0 U	1.0 UJ [1.0 UJ]	NA	1.0 UJ

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-01 07/28/06	MW-EPA-01 03/26/08	MW-EPA-02 07/27/06	MW-EPA-02 03/26/08	MW-EPA-03 07/28/06	MW-EPA-04 07/27/06	MW-EPA-04 03/26/08	MW-EPA-05 03/26/08	MW-EPA-06 07/28/06	MW-EPA-07 07/27/06	MW-EPA-07 03/26/08	MW-EPA-09 07/28/06
VOCs by USEPA Method 8260B (continued)														
Methylene chloride	5	ug/L	1.0 UJ	3.0 U	1.0 UJ	3.0 U	1.0 UJ	28 J	15 U	15 U	1.0 UJ	1.0 UJ [1.0 UJ]	6.0 U	1.0 UJ
Styrene	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Tetrachloroethene	5	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	50 U	5.0 U	5.0 U	1.0 U	1.0 U [1.0 U]	2.0 U	1.0 U
Toluene	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	5.6 J	88	1.0 U	1.0 U [1.0 U]	230	1.0 U
Total BTEX	--	ug/L	ND	ND	7.4 J	3.8	ND	1,600 J	1,100 J	2,000	ND	ND [ND]	760	ND
trans-1,2-Dichloroethene	5	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
trans-1,3-Dichloropropene	0.4	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Trichloroethene	5	ug/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	50 U	5.0 U	5.0 U	1.0 U	1.0 U [1.0 U]	2.0 U	1.0 U
Trichlorofluoromethane	5	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 UJ	50 UJ	NA	NA	1.0 UJ	1.0 U [1.0 U]	NA	1.0 U
Vinyl chloride	2	ug/L	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	50 U	25 U	25 U	1.0 U	1.0 U [1.0 U]	10 U	1.0 U
Xylenes (total)	5	ug/L	3.0 U	5.0 U	1.5 J	5.0 U	3.0 U	51 J	76	580	3.0 U	3.0 U [3.0 U]	190	3.0 U
SVOCs by USEPA Method 8270C														
1,1'-Biphenyl	5	ug/L	9.6 U	NA	9.5 U	NA	9.5 U	9.6 U	NA	NA	9.4 U	9.5 U [9.4 U]	NA	9.6 U
1,2,4-Trichlorobenzene	5	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	9.5 U	1.0 U	NA
1,2-Dichlorobenzene	3	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	NA	10 U	NA
1,3-Dichlorobenzene	3	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	NA	10 U	NA
1,4-Dichlorobenzene	3	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	9.5 U	10 U	NA
2,2'-oxybis(1-Chloropropane)	5	ug/L	9.6 U	NA	9.5 U	NA	9.5 U	9.6 U	NA	NA	9.4 U	9.5 U [9.4 U]	NA	9.6 U
2,4,5-Trichlorophenol	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
2,4,6-Trichlorophenol	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
2,4-Dichlorophenol	5	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
2,4-Dimethylphenol	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
2,4-Dinitrophenol	10	ug/L	48 U	30 UJ	48 U	30 UJ	48 U	48 U	150 U	150 U	47 U	48 U [47 U]	30 U	48 U
2,4-Dinitrotoluene	5	ug/L	9.6 U	2.0 UJ	9.5 U	2.0 UJ	9.5 U	9.6 U	10 U	10 U	9.4 U	9.5 U [9.4 U]	2.0 U	9.6 U
2,6-Dinitrotoluene	5	ug/L	9.6 U	2.0 UJ	9.5 U	2.0 UJ	9.5 U	9.6 U	10 U	10 U	9.4 U	9.5 U [9.4 U]	2.0 U	9.6 U
2-Chloronaphthalene	10	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
2-Chlorophenol	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
2-Methylnaphthalene	--	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	130	180	NA	NA	1.0 J	NA
2-Methylphenol	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	0.40 J	9.6 U
2-Nitroaniline	5	ug/L	48 U	20 UJ	48 U	20 UJ	48 U	48 U	100 U	100 U	47 U	48 U [47 U]	20 U	48 U
2-Nitrophenol	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
3,3'-Dichlorobenzidine	5	ug/L	48 U	20 UJ	48 U	20 UJ	48 U	48 U	100 U	100 U	47 U	48 U [47 U]	20 U	48 U
3-Nitroaniline	5	ug/L	48 U	20 UJ	48 U	20 UJ	48 U	48 U	100 U	100 U	47 U	48 U [47 U]	20 U	48 U
4,6-Dinitro-2-methylphenol	--	ug/L	48 U	30 UJ	48 U	30 UJ	48 U	48 U	150 U	150 U	47 U	48 U [47 U]	30 U	48 U
4-Bromophenyl phenyl ether	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
4-Chloro-3-methylphenol	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
4-Chloroaniline	5	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
4-Chlorophenyl phenyl ether	--	ug/L	9.6 UJ	10 UJ	9.5 UJ	10 UJ	9.5 UJ	9.6 UJ	50 U	50 U	9.4 UJ	9.5 UJ [9.4 UJ]	10 U	9.6 UJ

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Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-01 07/28/06	MW-EPA-01 03/26/08	MW-EPA-02 07/27/06	MW-EPA-02 03/26/08	MW-EPA-03 07/28/06	MW-EPA-04 07/27/06	MW-EPA-04 03/26/08	MW-EPA-05 03/26/08	MW-EPA-06 07/28/06	MW-EPA-07 07/27/06	MW-EPA-07 03/26/08	MW-EPA-09 07/28/06
SVOCs by USEPA Method 8270C (continued)														
4-Methylphenol	--	ug/L	9.6 UJ	10 UJ	9.5 UJ	10 UJ	9.5 UJ	9.6 UJ	50 U	50 U	9.4 UJ	9.5 UJ [9.4 UJ]	**1.2 J**	9.6 UJ
4-Nitroaniline	5	ug/L	48 U	20 UJ	48 U	20 UJ	48 U	48 U	100 U	100 U	47 U	48 U [47 U]	20 U	48 U
4-Nitrophenol	--	ug/L	48 U	30 UJ	48 U	30 UJ	48 U	48 U	150 U	150 U	47 U	48 U [47 U]	30 U	48 U
Acenaphthene	20	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	**22 J**	**43 J**	NA	9.5 U	**0.30 J**	NA
Acenaphthylene	--	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	**20 J**	NA	NA	10 U	NA
Acetophenone	--	ug/L	9.6 U	NA	9.5 U	NA	9.5 U	9.6 U	NA	NA	9.4 U	9.5 U [9.4 U]	NA	9.6 U
Anthracene	50	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	**2.7 J**	NA	NA	10 U	NA
Atrazine	7.5	ug/L	9.6 UJ	NA	9.5 UJ	NA	9.5 UJ	9.6 UJ	NA	NA	9.4 UJ	9.5 UJ [9.4 UJ]	NA	9.6 UJ
Benzaldehyde	--	ug/L	9.6 UJ	NA	9.5 UJ	NA	9.5 UJ	9.6 UJ	NA	NA	9.4 UJ	9.5 UJ [9.4 UJ]	NA	9.6 UJ
Benzo(a)anthracene	0.002	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	NA	1.0 U	NA
Benzo(a)pyrene	0	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	NA	1.0 U	NA
Benzo(b)fluoranthene	0.002	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	NA	1.0 U	NA
Benzo(ghi)perylene	--	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	NA	10 U	NA
Benzo(k)fluoranthene	0.002	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	NA	1.0 U	NA
bis(2-Chloroethoxy)methane	5	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
bis(2-Chloroethyl) ether	--	ug/L	9.6 U	1.0 UJ	9.5 U	1.0 UJ	9.5 U	9.6 U	5.0 U	5.0 U	9.4 U	9.5 U [9.4 U]	1.0 U	9.6 U
bis(2-chloroisopropyl)ether	--	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	NA	10 U	NA
bis(2-Ethylhexyl) phthalate	5	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Butyl benzyl phthalate	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Caprolactam	--	ug/L	9.6 U	NA	9.5 U	NA	9.5 U	9.6 U	NA	NA	9.4 U	9.5 U [9.4 U]	NA	9.6 U
Carbazole	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	**3.7 J**	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Chrysene	0.002	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	NA	10 U	NA
Dibenzo(a,h)anthracene	--	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	NA	1.0 U	NA
Dibenzofuran	--	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	**1.6 J**	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Diethyl phthalate	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Dimethyl phthalate	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Di-n-butyl phthalate	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Di-n-octyl phthalate	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Fluoranthene	50	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	50 U	NA	NA	10 U	NA
Fluorene	50	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	**12 J**	NA	NA	10 U	NA
Hexachlorobenzene	0.04	ug/L	9.6 U	1.0 UJ	9.5 U	1.0 UJ	9.5 U	9.6 U	5.0 U	5.0 U	9.4 U	9.5 U [9.4 U]	1.0 U	9.6 U
Hexachlorobutadiene	0.5	ug/L	9.6 U	2.0 UJ	9.5 U	2.0 UJ	9.5 U	9.6 U	10 U	10 U	9.4 U	9.5 U [9.4 U]	2.0 U	9.6 U
Hexachlorocyclopentadiene	5	ug/L	48 U	10 UJ	48 U	10 UJ	48 U	48 U	50 U	50 U	47 U	48 U [47 U]	10 U	48 U
Hexachloroethane	5	ug/L	9.6 U	1.0 UJ	9.5 U	1.0 UJ	9.5 U	9.6 U	5.0 U	5.0 U	9.4 U	9.5 U [9.4 U]	1.0 U	9.6 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	NA	1.0 UJ	NA	1.0 UJ	NA	NA	5.0 U	5.0 U	NA	NA	1.0 U	NA
Isophorone	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Naphthalene	10	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	**820**	**990**	NA	9.5 U	**130**	NA
Nitrobenzene	0.4	ug/L	9.6 U	1.0 UJ	9.5 U	1.0 UJ	9.5 U	9.6 U	5.0 U	5.0 U	9.4 U	9.5 U [9.4 U]	1.0 U	9.6 U

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-01 07/28/06	MW-EPA-01 03/26/08	MW-EPA-02 07/27/06	MW-EPA-02 03/26/08	MW-EPA-03 07/28/06	MW-EPA-04 07/27/06	MW-EPA-04 03/26/08	MW-EPA-05 03/26/08	MW-EPA-06 07/28/06	MW-EPA-07 07/27/06	MW-EPA-07 03/26/08	MW-EPA-09 07/28/06
SVOCs by USEPA Method 8270C (continued)														
N-Nitrosodi-n-propylamine	--	ug/L	9.6 U	1.0 UJ	9.5 UJ	1.0 UJ	9.5 UJ	9.6 UJ	5.0 U	5.0 U	9.4 UJ	9.5 UJ [9.4 UJ]	1.0 U	9.6 UJ
N-Nitrosodiphenylamine	50	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	9.6 U	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Pentachlorophenol	1	ug/L	48 U	30 UJ	48 U	30 UJ	48 U	48 U	150 UJ	150 UJ	47 U	48 U [47 U]	30 UJ	48 U
Phenanthrene	50	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	**10 J**	NA	NA	10 U	NA
Phenol	1	ug/L	9.6 U	10 UJ	9.5 U	10 UJ	9.5 U	17	50 U	50 U	9.4 U	9.5 U [9.4 U]	10 U	9.6 U
Pyrene	50	ug/L	NA	10 UJ	NA	10 UJ	NA	NA	50 U	**1.4 J**	NA	9.5 U	10 U	NA
Total PAHs2	--	ug/L	NA	ND	NA	ND	NA	NA	**970 J**	**1,300 J**	NA	ND	**130 J**	NA
PAHs by USEPA Method 8310														
2-Methylnaphthalene	--	ug/L	0.95 U	NA	1.2 U	NA	0.95 U	**16**	NA	NA	0.95 U	0.95 U [0.95 U]	NA	0.95 U
Acenaphthene	20	ug/L	0.95 U	0.94 U	**1.0 NJ**	0.94 U	0.95 U	9.5 U	**21 JN**	**46 JN**	0.95 U	0.95 U [0.95 U]	0.94 U	0.95 U
Acenaphthylene	--	ug/L	**0.87 J**	0.94 U	0.97 U	0.94 U	0.95 U	9.5 U	4.7 U	9.5 U	0.95 U	0.95 U [0.95 U]	0.94 U	0.95 U
Anthracene	50	ug/L	0.19 U	0.19 U	**0.13 J**	**0.026 J**	0.19 U	1.9 U	0.94 U	**2.4 JN**	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Benzo(a)anthracene	0.002	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Benzo(a)pyrene	0	ug/L	0.19 U	0.19 UJ	0.19 U	0.19 UJ	0.19 U	1.9 U	0.94 UJ	1.9 UJ	0.19 U	0.19 U [0.19 U]	0.19 UJ	0.19 U
Benzo(b)fluoranthene	0.002	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Benzo(ghi)perylene	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Benzo(k)fluoranthene	0.002	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Chrysene	0.002	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Dibenzo(a,h)anthracene	--	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Fluoranthene	50	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	**0.034 J**	**0.25 J**	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Fluorene	50	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	**1.2 JN**	**10 JN**	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Indeno(1,2,3-cd)pyrene	0.002	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Naphthalene	10	ug/L	0.95 U	0.94 U	12	0.94 U	0.95 U	270	590	1,200	0.95 U	0.95 U [0.95 U]	130	**0.15 J**
Phenanthrene	50	ug/L	0.19 U	**0.090 J**	0.29 U	**0.11 J**	0.19 U	1.9 U	0.94 U	**9.1**	0.19 U	0.19 UJ [0.19 U]	**0.077 J**	0.19 U
Pyrene	50	ug/L	0.19 U	0.19 U	0.19 U	0.19 U	0.19 U	1.9 U	0.94 U	1.9 U	0.19 U	0.19 U [0.19 U]	0.19 U	0.19 U
Total PAHs	--	ug/L	**0.87 J**	**0.090 J**	**13 J**	**0.14 J**	**0.034 J**	**290 J**	**610 J**	**1,300 J**	ND	ND [ND]	**130 J**	**0.15 J**

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-09 03/27/08	MW-EPA-10 07/28/06	MW-EPA-10 03/27/08	MW-SS-05-01 07/28/06	MW-SS-08-08 03/26/08
VOCs by USEPA Method 8260B							
1,1,1-Trichloroethane	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
1,1,2,2-Tetrachloroethane	5	ug/L	1.0 U	1.0 U	1.0 U	250 U	1.0 U [1.0 U]
1,1,2-Trichloro-1,2,2-trifluoroethane	5	ug/L	NA	1.0 U	NA	250 U	NA
1,1,2-Trichloroethane	1	ug/L	3.0 U	1.0 U	3.0 U	250 U	3.0 U [3.0 U]
1,1-Dichloroethane	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
1,1-Dichloroethene	5	ug/L	2.0 U	1.0 U	2.0 U	250 U	2.0 U [2.0 U]
1,2,4-Trichlorobenzene	5	ug/L	NA	1.0 U	NA	250 UJ	NA
1,2-Dibromo-3-chloropropane	0.04	ug/L	NA	1.0 UJ	NA	250 UJ	NA
1,2-Dibromoethane	0.0006	ug/L	NA	1.0 U	NA	250 U	NA
1,2-Dichlorobenzene	3	ug/L	NA	1.0 U	NA	250 U	NA
1,2-Dichloroethane	0.6	ug/L	2.0 U	1.0 U	2.0 U	250 U	2.0 U [2.0 U]
1,2-Dichloropropane	1	ug/L	1.0 U	1.0 U	1.0 U	250 U	1.0 U [1.0 U]
1,3-Dichlorobenzene	3	ug/L	NA	1.0 U	NA	250 U	NA
1,4-Dichlorobenzene	3	ug/L	NA	1.0 U	NA	250 U	NA
2-Butanone	50	ug/L	5.0 U	5.0 U	5.0 U	1,200 U	5.0 U [5.0 U]
2-Hexanone	50	ug/L	5.0 UJ	5.0 U	5.0 UJ	1,200 U	5.0 U [5.0 U]
4-Methyl-2-pentanone	- -	ug/L	5.0 U	5.0 U	5.0 U	1,200 U	5.0 U [5.0 U]
Acetone	50	ug/L	5.0 U	5.0 UJ	5.0 U	1,200 UJ	5.0 U [5.0 U]
Benzene	1	ug/L	1.0 U	1.0 U	1.0 U	5,800	1.0 U [1.0 U]
Bromodichloromethane	50	ug/L	1.0 U	1.0 U	1.0 U	250 U	1.0 U [1.0 U]
Bromoform	50	ug/L	4.0 UJ	1.0 U	4.0 UJ	250 U	4.0 U [4.0 U]
Bromomethane	5	ug/L	5.0 U	1.0 UJ	5.0 U	250 UJ	5.0 UJ [5.0 UJ]
Carbon disulfide	60	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Carbon tetrachloride	5	ug/L	2.0 U	1.0 U	2.0 U	250 U	2.0 U [2.0 U]
Chlorobenzene	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Chloroethane	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Chloroform	7	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Chloromethane	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
cis-1,2-Dichloroethene	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
cis-1,3-Dichloropropene	0.4	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Cyclohexane	- -	ug/L	NA	1.0 U	NA	250 UJ	NA
Dibromochloromethane	50	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Dichlorodifluoromethane	5	ug/L	NA	1.0 U	NA	250 U	NA
Ethylbenzene	5	ug/L	4.0 U	1.0 U	4.0 U	810	4.0 U [4.0 U]
Isopropylbenzene	5	ug/L	NA	1.0 U	NA	250 U	NA
Methyl acetate	- -	ug/L	NA	1.0 UJ	NA	250 UJ	NA
Methyl tert-butyl ether	10	ug/L	NA	1.0 UJ	NA	250 UJ	NA
Methylcyclohexane	- -	ug/L	NA	1.0 U	NA	250 UJ	NA

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-09 03/27/08	MW-EPA-10 07/26/06	MW-EPA-10 03/27/08	MW-SS-05-01 07/28/06	MW-SS-08-08 03/26/08
VOCs by USEPA Method 8260B (continued)							
Methylene chloride	5	ug/L	3.0 U	1.0 UJ	3.0 U	340 UJ	3.0 U [3.0 U]
Styrene	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Tetrachloroethene	5	ug/L	1.0 U	1.0 U	1.0 U	250 U	1.0 U [1.0 U]
Toluene	5	ug/L	5.0 U	1.0 U	5.0 U	**400**	5.0 U [5.0 U]
Total BTEX	- -	ug/L	ND	ND	ND	**7,700 J**	ND [ND]
trans-1,2-Dichloroethene	5	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
trans-1,3-Dichloropropene	0.4	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Trichloroethene	5	ug/L	1.0 U	1.0 U	1.0 U	250 U	1.0 U [1.0 U]
Trichlorofluoromethane	5	ug/L	NA	1.0 UJ	NA	250 U	NA
Vinyl chloride	2	ug/L	5.0 U	1.0 U	5.0 U	250 U	5.0 U [5.0 U]
Xylenes (total)	5	ug/L	5.0 U	3.0 U	5.0 U	**690 J**	5.0 U [5.0 U]
SVOCs by USEPA Method 8270C							
1,1'-Biphenyl	5	ug/L	NA	9.6 U	NA	**19**	NA
1,2,4-Trichlorobenzene	5	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
1,2-Dichlorobenzene	3	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
1,3-Dichlorobenzene	3	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
1,4-Dichlorobenzene	3	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
2,2'-oxybis(1-Chloropropane)	5	ug/L	NA	9.6 U	NA	9.6 U	NA
2,4,5-Trichlorophenol	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2,4,6-Trichlorophenol	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2,4-Dichlorophenol	5	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2,4-Dimethylphenol	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2,4-Dinitrophenol	10	ug/L	30 UJ	48 U	30 UJ	48 U	30 U [30 U]
2,4-Dinitrotoluene	5	ug/L	2.0 UJ	9.6 U	2.0 UJ	9.6 U	2.0 U [2.0 U]
2,6-Dinitrotoluene	5	ug/L	2.0 UJ	9.6 U	2.0 UJ	9.6 U	2.0 U [2.0 U]
2-Chloronaphthalene	10	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2-Chlorophenol	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2-Methylnaphthalene	- -	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
2-Methylphenol	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
2-Nitroaniline	5	ug/L	20 UJ	48 U	20 UJ	48 U	20 U [20 U]
2-Nitrophenol	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
3,3'-Dichlorobenzidine	5	ug/L	20 UJ	48 U	20 UJ	48 U	20 U [20 U]
3-Nitroaniline	5	ug/L	20 UJ	48 U	20 UJ	48 U	20 U [20 U]
4,6-Dinitro-2-methylphenol	- -	ug/L	30 UJ	48 U	30 UJ	48 U	30 U [30 U]
4-Bromophenyl phenyl ether	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
4-Chloro-3-methylphenol	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
4-Chloroaniline	5	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
4-Chlorophenyl phenyl ether	- -	ug/L	10 UJ	9.6 UJ	10 UJ	9.6 UJ	10 U [10 U]

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-09 03/27/08	MW-EPA-10 07/26/06	MW-EPA-10 03/27/08	MW-SS-05-01 07/28/06	MW-SS-08-08 03/26/08
SVOCs by USEPA Method 8270C (continued)							
4-Methylphenol	- -	ug/L	10 UJ	9.6 UJ	10 UJ	9.6 UJ	10 U [10 U]
4-Nitroaniline	5	ug/L	20 UJ	48 U	20 UJ	48 U	20 U [20 U]
4-Nitrophenol	- -	ug/L	30 UJ	48 U	30 UJ	48 U	30 U [30 U]
Acenaphthene	20	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Acenaphthylene	- -	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Acetophenone	- -	ug/L	NA	9.6 U	NA	9.6 U	NA
Anthracene	50	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Atrazine	7.5	ug/L	NA	9.6 UJ	NA	9.6 UJ	NA
Benzaldehyde	- -	ug/L	NA	9.6 UJ	NA	9.6 UJ	NA
Benzo(a)anthracene	0.002	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
Benzo(a)pyrene	0	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
Benzo(b)fluoranthene	0.002	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
Benzo(ghi)perylene	- -	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Benzo(k)fluoranthene	0.002	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
bis(2-Chloroethoxy)methane	5	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
bis(2-Chloroethyl) ether	- -	ug/L	1.0 UJ	9.6 U	1.0 UJ	9.6 U	1.0 U [1.0 U]
bis(2-chloroisopropyl)ether	- -	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
bis(2-Ethylhexyl) phthalate	5	ug/L	10 UJ	9.6 U	10 UJ	14 U	10 U [10 U]
Butyl benzyl phthalate	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Caprolactam	- -	ug/L	NA	9.6 U	NA	9.6 U	NA
Carbazole	- -	ug/L	10 UJ	9.6 U	10 UJ	13	10 U [10 U]
Chrysene	0.002	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Dibenzo(a,h)anthracene	- -	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
Dibenzofuran	- -	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Diethyl phthalate	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Dimethyl phthalate	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Di-n-butyl phthalate	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Di-n-octyl phthalate	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Fluoranthene	50	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Fluorene	50	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Hexachlorobenzene	0.04	ug/L	1.0 UJ	9.6 U	1.0 UJ	9.6 U	1.0 U [1.0 U]
Hexachlorobutadiene	0.5	ug/L	2.0 UJ	9.6 U	2.0 UJ	9.6 U	2.0 U [2.0 U]
Hexachlorocyclopentadiene	5	ug/L	10 UJ	48 U	10 UJ	48 U	10 U [10 U]
Hexachloroethane	5	ug/L	1.0 UJ	9.6 U	1.0 UJ	9.6 U	1.0 U [1.0 U]
Indeno(1,2,3-cd)pyrene	0.002	ug/L	1.0 UJ	NA	1.0 UJ	NA	1.0 U [1.0 U]
Isophorone	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Naphthalene	10	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Nitrobenzene	0.4	ug/L	1.0 UJ	9.6 U	1.0 UJ	9.6 U	1.0 U [1.0 U]

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Location ID: / Date Collected:	TOGS 1.1.1 Standards and Guidance Values	Units	MW-EPA-09 03/27/08	MW-EPA-10 07/26/06	MW-EPA-10 03/27/08	MW-SS-05-01 07/28/06	MW-SS-08-08 03/26/08
SVOCs by USEPA Method 8270C (continued)							
N-Nitrosodi-n-propylamine	--	ug/L	1.0 UJ	9.6 UJ	1.0 UJ	9.6 UJ	1.0 U [1.0 U]
N-Nitrosodiphenylamine	50	ug/L	10 UJ	9.6 U	10 UJ	9.6 U	10 U [10 U]
Pentachlorophenol	1	ug/L	30 UJ	48 U	30 UJ	48 U	30 UJ [30 UJ]
Phenanthrene	50	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Phenol	1	ug/L	10 UJ	9.6 U	10 UJ	**20**	10 U [10 U]
Pyrene	50	ug/L	10 UJ	NA	10 UJ	NA	10 U [10 U]
Total PAHs2	--	ug/L	ND	NA	ND	NA	ND [ND]
PAHs by USEPA Method 8310							
2-Methylnaphthalene	--	ug/L	NA	0.95 U	NA	**310**	NA
Acenaphthene	20	ug/L	0.97 U	0.95 U	0.94 U	95 U	0.94 U [0.96 U]
Acenaphthylene	--	ug/L	0.97 U	0.95 U	0.94 U	**470**	0.94 U [0.96 U]
Anthracene	50	ug/L	0.19 U	0.19 U	0.19 U	**4.2 J**	0.19 U [0.19 U]
Benzo(a)anthracene	0.002	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Benzo(a)pyrene	0	ug/L	0.19 UJ	0.19 U	0.19 UJ	19 U	0.19 UJ [0.19 UJ]
Benzo(b)fluoranthene	0.002	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Benzo(ghi)perylene	--	ug/L	0.19 U	**0.030 J**	0.19 U	19 U	0.19 U [0.19 U]
Benzo(k)fluoranthene	0.002	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Chrysene	0.002	ug/L	0.19 U	**0.030 J**	0.19 U	19 U	0.19 U [0.19 U]
Dibenzo(a,h)anthracene	--	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Fluoranthene	50	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Fluorene	50	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Indeno(1,2,3-cd)pyrene	0.002	ug/L	0.19 U	0.19 U	0.19 U	19 U	0.19 U [0.19 U]
Naphthalene	10	ug/L	0.97 U	**0.12 J**	0.94 U	**2,500**	**0.94 U [0.20 J]**
Phenanthrene	50	ug/L	**0.083 J**	0.21 U	**0.13 J**	24 U	**0.10 J [0.13 J]**
Pyrene	50	ug/L	0.19 U	0.19 U	0.19 U	19 U	**0.046 J [0.19 U]**
Total PAHs	--	ug/L	**0.083 J**	**0.18 J**	**0.13 J**	**3,300 J**	**0.15 J [0.33 J]**

See Notes on Page 9.

TABLE 2
GROUNDWATER SAMPLE ANALYTICAL RESULTS
SUPPLEMENTAL SITE INVESTIGATION

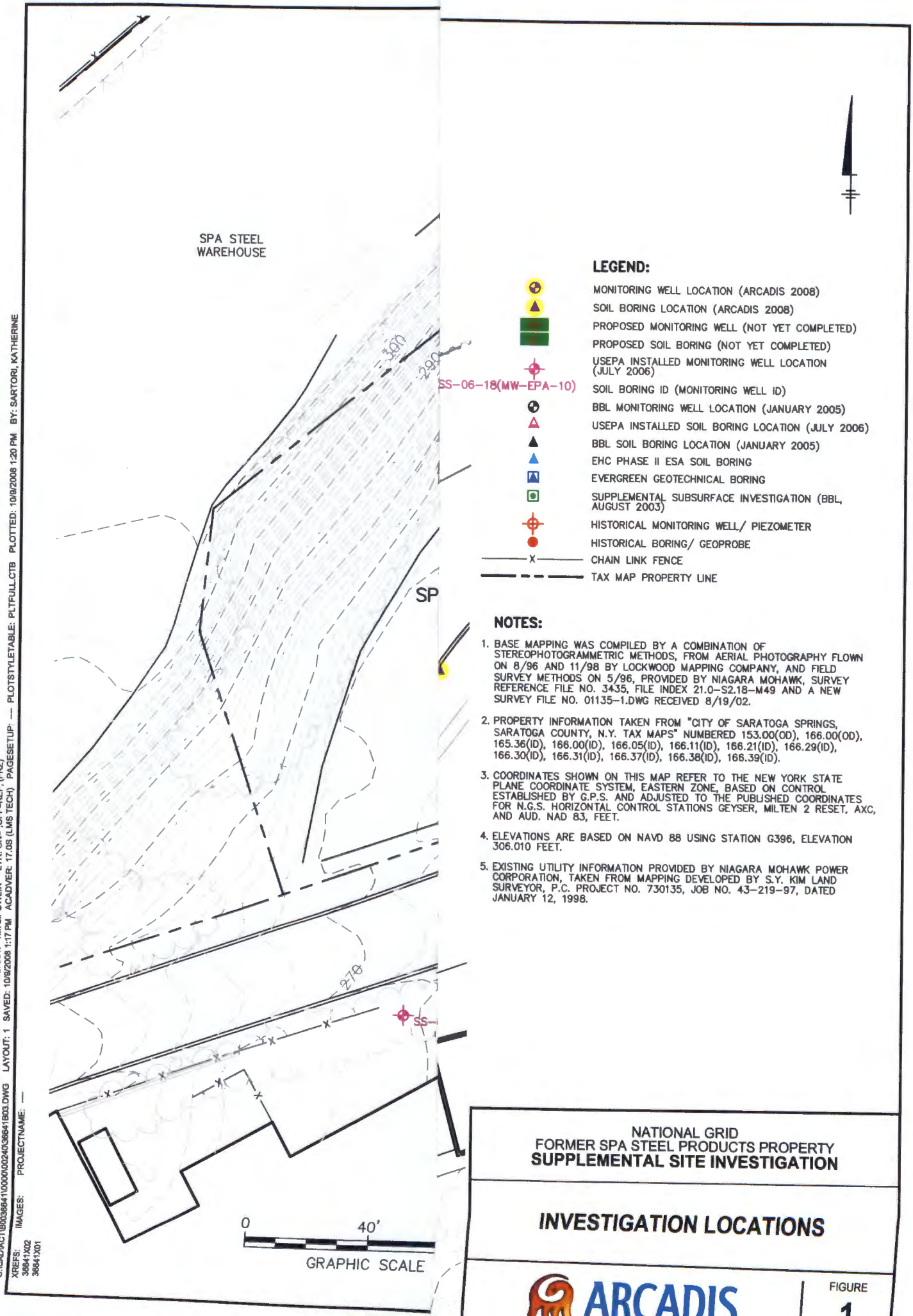
NATIONAL GRID
SARATOGA SPRINGS FORMER MGP SITE
SARATOGA, NEW YORK

Notes:
1. All concentrations reported in micrograms per liter (ug/L); equivalent to parts per billion (ppb).
2. Detected concentrations are presented in bold font.
3. Shading indicates that the result exceeds New York State Technical and Operational Guidance Series (1.1.1) Class GA Standards or Guidance Values.
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:
J = Indicates an estimated value.
U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
ND = Not detected.

ARCADIS

Figures



LEGEND:

- MONITORING WELL LOCATION (ARCADIS 2008)
- SOIL BORING LOCATION (ARCADIS 2008)
- PROPOSED MONITORING WELL (NOT YET COMPLETED)
- PROPOSED SOIL BORING (NOT YET COMPLETED)
- USEPA INSTALLED MONITORING WELL LOCATION (JULY 2006)
- SOIL BORING ID (MONITORING WELL ID)
- BBL MONITORING WELL LOCATION (JANUARY 2005)
- USEPA INSTALLED SOIL BORING LOCATION (JULY 2006)
- BBL SOIL BORING LOCATION (JANUARY 2005)
- EHC PHASE II ESA SOIL BORING
- EVERGREEN GEOTECHNICAL BORING
- SUPPLEMENTAL SUBSURFACE INVESTIGATION (BBL, AUGUST 2003)
- HISTORICAL MONITORING WELL/ PIEZOMETER
- HISTORICAL BORING/ GEOPROBE
- CHAIN LINK FENCE
- TAX MAP PROPERTY LINE

NOTES:

1. BASE MAPPING WAS COMPILED BY A COMBINATION OF STEREOPHOTOGRAMMETRIC METHODS, FROM AERIAL PHOTOGRAPHY FLOWN ON 8/96 AND 11/98 BY LOCKWOOD MAPPING COMPANY, AND FIELD SURVEY METHODS ON 5/96, PROVIDED BY NIAGARA MOHAWK, SURVEY REFERENCE FILE NO. 3435, FILE INDEX 21.0-S2.18-M49 AND A NEW SURVEY FILE NO. 01135-1.DWG RECEIVED 8/19/02.
2. PROPERTY INFORMATION TAKEN FROM "CITY OF SARATOGA SPRINGS, SARATOGA COUNTY, N.Y. TAX MAPS" NUMBERED 153.00(OD), 166.00(OD), 165.36(ID), 166.00(ID), 166.05(ID), 166.11(ID), 166.21(ID), 166.29(ID), 166.30(ID), 166.31(ID), 166.37(ID), 166.38(ID), 166.39(ID).
3. COORDINATES SHOWN ON THIS MAP REFER TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, EASTERN ZONE, BASED ON CONTROL ESTABLISHED BY G.P.S. AND ADJUSTED TO THE PUBLISHED COORDINATES FOR N.G.S. HORIZONTAL CONTROL STATIONS GEYSER, MILTEN 2 RESET, AXC, AND AUD. NAD 83, FEET.
4. ELEVATIONS ARE BASED ON NAVD 88 USING STATION G396, ELEVATION 306.010 FEET.
5. EXISTING UTILITY INFORMATION PROVIDED BY NIAGARA MOHAWK POWER CORPORATION, TAKEN FROM MAPPING DEVELOPED BY S.Y. KIM LAND SURVEYOR, P.C. PROJECT NO. 730135, JOB NO. 43-219-97, DATED JANUARY 12, 1998.

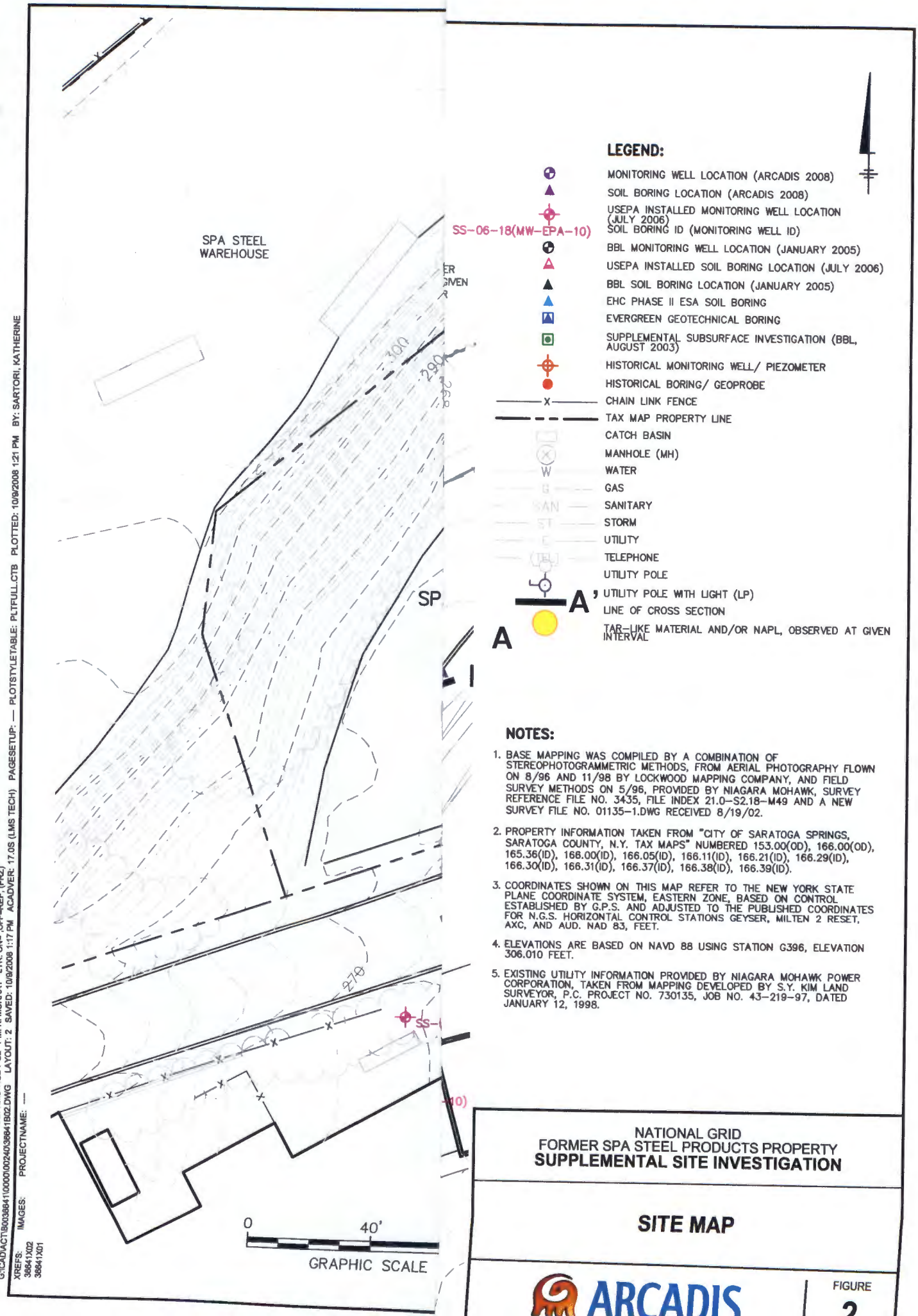
NATIONAL GRID
FORMER SPA STEEL PRODUCTS PROPERTY
SUPPLEMENTAL SITE INVESTIGATION

INVESTIGATION LOCATIONS

ARCADIS

FIGURE
1

CITY: SYRACUSE,NY GROUP: ENV-141 DB: KMD RCB PGL KLB PM: K. MURRAY TM: S.POWLIN LYR: ON=*;OFF=REF; (FRZ)
G:\CADACT\B0036841\0000\0024\D36841B03.DWG LAYOUT: 1 SAVED: 10/9/2008 1:17 PM ACADVER: 17.08 (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2008 1:20 PM BY: SARTORI, KATHERINE
XREFS: 36841X02
36841X01
IMAGES:
PROJECTNAME: ---



LEGEND:

- MONITORING WELL LOCATION (ARCADIS 2008)
- SOIL BORING LOCATION (ARCADIS 2008)
- USEPA INSTALLED MONITORING WELL LOCATION (JULY 2006)
- SOIL BORING ID (MONITORING WELL ID)
- BBL MONITORING WELL LOCATION (JANUARY 2005)
- USEPA INSTALLED SOIL BORING LOCATION (JULY 2006)
- BBL SOIL BORING LOCATION (JANUARY 2005)
- EHC PHASE II ESA SOIL BORING
- EVERGREEN GEOTECHNICAL BORING
- SUPPLEMENTAL SUBSURFACE INVESTIGATION (BBL, AUGUST 2003)
- HISTORICAL MONITORING WELL/ PIEZOMETER
- HISTORICAL BORING/ GEOPROBE
- CHAIN LINK FENCE
- TAX MAP PROPERTY LINE
- CATCH BASIN
- MANHOLE (MH)
- WATER
- GAS
- SANITARY
- STORM
- UTILITY
- TELEPHONE
- UTILITY POLE
- UTILITY POLE WITH LIGHT (LP)
- LINE OF CROSS SECTION
- TAR-LIKE MATERIAL AND/OR NAPL, OBSERVED AT GIVEN INTERVAL

NOTES:

1. BASE MAPPING WAS COMPILED BY A COMBINATION OF STEREOPHOTOGRAMMETRIC METHODS, FROM AERIAL PHOTOGRAPHY FLOWN ON 8/96 AND 11/98 BY LOCKWOOD MAPPING COMPANY, AND FIELD SURVEY METHODS ON 5/96, PROVIDED BY NIAGARA MOHAWK, SURVEY REFERENCE FILE NO. 3435, FILE INDEX 21.0-S2.18-M49 AND A NEW SURVEY FILE NO. 01135-1.DWG RECEIVED 8/19/02.
2. PROPERTY INFORMATION TAKEN FROM "CITY OF SARATOGA SPRINGS, SARATOGA COUNTY, N.Y. TAX MAPS" NUMBERED 153.00(OD), 166.00(OD), 165.36(ID), 166.00(ID), 166.05(ID), 166.11(ID), 166.21(ID), 166.29(ID), 166.30(ID), 166.31(ID), 166.37(ID), 166.38(ID), 166.39(ID).
3. COORDINATES SHOWN ON THIS MAP REFER TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, EASTERN ZONE, BASED ON CONTROL ESTABLISHED BY G.P.S. AND ADJUSTED TO THE PUBLISHED COORDINATES FOR N.G.S. HORIZONTAL CONTROL STATIONS GEYSER, MILTEN 2 RESET, AXC, AND AUD. NAD 83, FEET.
4. ELEVATIONS ARE BASED ON NAVD 88 USING STATION G396, ELEVATION 306.010 FEET.
5. EXISTING UTILITY INFORMATION PROVIDED BY NIAGARA MOHAWK POWER CORPORATION, TAKEN FROM MAPPING DEVELOPED BY S.Y. KIM LAND SURVEYOR, P.C. PROJECT NO. 730135, JOB NO. 43-219-97, DATED JANUARY 12, 1998.

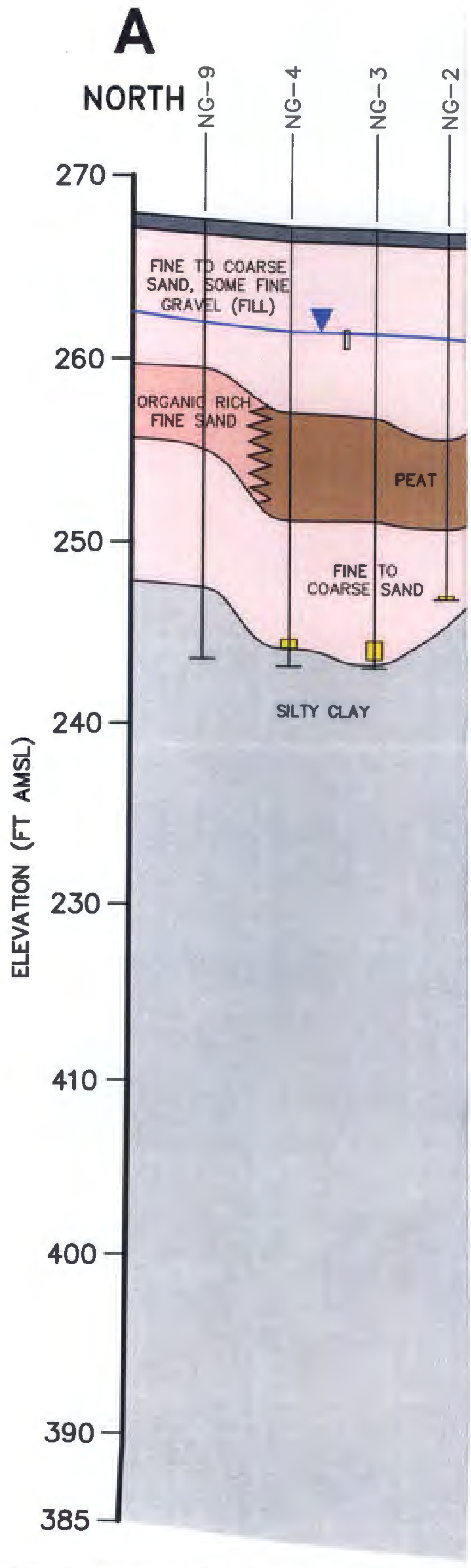
NATIONAL GRID
FORMER SPA STEEL PRODUCTS PROPERTY
SUPPLEMENTAL SITE INVESTIGATION

SITE MAP

ARCADIS

FIGURE
2

CITY: SYRACUSE GROUP: ENV-141 DB: KMD RCB PGL PM: K. MURRAY LYR: ON=*;OFF=REF, (FRZ)
G:\CAD\ACT\B003884\1000\0024\03884B02.DWG LAYOUT: 2 SAVED: 10/9/2008 1:17 PM ACADVER: 17.0S (LMS TECH) PAGESETUP: — PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2008 1:21 PM BY: SARTORI, KATHERINE
XREFS: 38841X02 38841X01 IMAGES: PROJECTNAME: —



LEGEND:

- WELL OR BORING ID
- GROUND SURFACE
- APPROXIMATE WATER TABLE
- LITHOLOGIC CONTACT (DASHED WHERE INFERRED)
- SCREEN
- BOTTOM OF BORING
- TAR-LIKE MATERIAL AND/OR NAPL
- STORM SEWER
- SANITARY SEWER
- ASPHALT
- FINE TO COARSE SAND, SOME FINE GRAVEL (FILL)
- ORGANIC RICH FINE SAND
- PEAT
- CLAYEY SILT
- SILTY CLAY

NOTE:

DEPTH OF UTILITIES WERE EXTRAPOLATED FROM SPRING VALLEY NORTH U.R. PROJECT, HIGH ROCK AVENUE FIGURE, STATION 29+35 TO STATION 34+50, SHEET 5 OF 13, BY NEWMAN AND DOLL, WALLINGFORD, CONNECTICUT, NOVEMBER 1975.

VERTICAL EXAGGERATION = 4X

0 10' 20'
VERTICAL SCALE

0 40' 80'
HORIZONTAL SCALE

NATIONAL GRID
FORMER SPA STEEL PRODUCTS PROPERTY
SUPPLEMENTAL SITE INVESTIGATION

CROSS SECTION A-A'

ARCADIS

FIGURE
3

CITY: SYRACUSE GROUP: ENV-141 DB: KMD RCB PGL PM: K. MURRAY LYR: ON=*;OFF=REF, (FRZ)
G:\CADACT\B0036641\0000\00240\36641V01.DWG LAYOUT: 3 SAVED: 10/8/2008 1:18 PM ACADVER: 17.0S (LMS TECH) PAGESETUP: — PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2008 1:21 PM BY: SARTORI, KATHERINE
XREFS: 36641X02 36641X01 IMAGES: PROJECTNAME: —

LEGEND:

- SS-06-17 — WELL OR BORING ID
- GROUND SURFACE
- APPROXIMATE WATER TABLE
- LITHOLOGIC CONTACT (DASHED WHERE INFERRED)
- SCREEN
- BOTTOM OF BORING
- TAR-LIKE MATERIAL AND/OR NAPL
- SANITARY SEWER
- ASPHALT
- FINE TO COARSE SAND, SOME FINE GRAVEL (FILL)
- PEAT
- CLAYEY SILT
- SILTY CLAY

NOTE:

DEPTH OF UTILITIES WERE EXTRAPOLATED FROM SPRING VALLEY NORTH U.R. PROJECT, HIGH ROCK AVENUE FIGURE, STATION 29+35 TO STATION 34+50, SHEET 5 OF 13, BY NEWMAN AND DOLL, WALLINGFORD, CONNECTICUT, NOVEMBER 1975.

VERTICAL EXAGGERATION = 4X

0 10' 20'
VERTICAL SCALE

0 40' 80'
HORIZONTAL SCALE

NATIONAL GRID
FORMER SPA STEEL PRODUCTS PROPERTY
SUPPLEMENTAL SITE INVESTIGATION

CROSS SECTION B-B'

ARCADIS

FIGURE
4

CITY: SYRACUSE GROUP: ENV-141 DB: KMD RCB PGL PM: K. MURRAY LYR: ON=*;OFF=REF, (FRZ)
G:\CAD\ACT\B0036641\0000\00240\38641V02.DWG LAYOUT: 4 SAVED: 10/9/2008 1:17 PM ACADVER: 17.0S (LMS TECH) PAGESETUP: --- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 10/9/2008 1:21 PM BY: SARTORI, KATHERINE
XREFS: IMAGES: PROJECTNAME: ---

ARCADIS

Subsurface Logs

Date Start/Finish: 2/27/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551183.1 **Easting:** 685366.7 **Casing Elevation:** NA **Borehole Depth:** 28' bgs **Surface Elevation:** 268.9' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-14 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
	270								
0								Brown SILT and fine SAND, trace Organics, damp.	
					0.0				
		1	0-4	2.4	0.0			Gray fine to medium angular to sub-angular Gravel, trace Asphalt, damp.	
					0.0	X		Brown fine SAND, some Silt, damp.	
	265							Brown SILT, trace Clay, damp.	
								Brown fine SAND and SILT, trace Clay, damp.	
5								Black fine angular GRAVEL, damp.	
					0.0			Dark brown fine SAND, trace Silt and fine to medium sub-angular Gravel, damp.	
		2	4-8	3.4	0.0				
					0.0	X			
								Brown fine SAND, trace Silt, damp.	
	260							Brown fine SAND, trace coarse Sand, damp.	
					0.0				
10		3	8-12	3.5	0.0			Gray SILT and CLAY, trace fine Sand, damp.	
					0.0			Black-Brown PEAT, trace Wood and Organics, damp.	
								Dark Brown-gray SILT and fine SAND, trace sub-rounded Gravel, damp.	
								Brown fine SAND, trace medium sub-angular Gravel, damp.	
					0.0	X			
	255							Black-brown PEAT, damp.	
		4	12-16	3.0	0.0				
15					0.0				

Backfilled with bentonite to grade.

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Client: National Grid

Well/Boring ID: NG-14

Borehole Depth: 28' bgs

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
250 / 20	5	16-20	4.0	0.2 0.4 0.6			Gray fine to coarse SAND, trace fine to medium sub-angular to sub-rounded Gravel, mild coal-tar-like odor, damp.	Backfilled with bentonite to grade.
	6	20-24	4.0	50.4 74.2 197	X		Gray fine to coarse SAND, trace fine to medium sub-rounded Gravel, sheen, brown Oily MGP-like material at 23' bgs, strong coal-tar-like odor, wet.	
245 / 25	7	24-28	3.5	0.0 0.0 0.0			Gray CLAY, sheen on the outside of the sample, wet.	
240 / 30								
235 / 35								

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Date Start/Finish: 2/26/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551218.3 **Easting:** 685445.1 **Casing Elevation:** NA **Borehole Depth:** 24' bgs **Surface Elevation:** 265.4' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-16 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	265	1	0-4	3.0	0.0 0.0 0.0	X		Brown SILT and fine SAND, trace Brick and Organics, damp.	
5	260	2	4-8	3.0	0.0 0.0 0.0	X		Brown fine SAND, Wood at 3.5' bgs, damp. Trace Wood and Brick.	Backfilled with bentonite to grade.
10	255	3	8-12	3.5	0.0 0.1 0.2			Brown-gray fine SAND, trace medium sub-rounded Gravel, damp. Brown-black PEAT, musty odor, damp.	
15	250	4	12-16	3.9	0.0 0.2 0.1	X		Brown fine SAND, trace Peat, damp Brown-black PEAT, musty odor, damp. Gray fine SAND, damp.	

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Client: National Grid

Well/Boring ID: NG-16

Borehole Depth: 24' bgs

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
		5	16-20	3.0	0.0 0.4 0.7	X		Gray fine to medium SAND, wet.	Backfilled with bentonite to grade.
20	245	6	20-24	3.1	0.0 0.0 0.0			Gray CLAY, trace Silt, wet.	
25	240								
30	235								
35	230								

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Date Start/Finish: 2/27/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551161.6 **Easting:** 685400.7 **Casing Elevation:** NA **Borehole Depth:** 28' bgs **Surface Elevation:** 268.3' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-18 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH / ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
270								
0				0.0			Brown SILT and fine SAND, trace Organics, damp.	
							Red-brown SILT and CLAY, damp.	
	1	0-4	3.5	0.0			Brown fine SAND, damp.	
265				0.0	X		Brown SILT and CLAY, some fine SAND, damp.	
5				0.0			Brown fine SAND, damp.	Backfilled with bentonite to grade.
	2	4-8	3.2	0.0	X		Dark brown Fine SAND, little fine sub-rounded Gravel, trace red Brick and black Cinder-like material, damp.	
				0.0			Brown SILT and fine SAND, trace coarse Sand and red Brick, damp.	
260				0.0			Brown fine to medium SAND, trace red Brick and medium sub-angular Gravel, damp.	
10				0.0			Black PEAT, musty odor, damp.	
	3	8-12	3.8	0.0			Brown fine SAND and SILT, little fine to medium Gravel, trace Brick at 10.5' bgs, damp.	
							Gray SILT, trace Clay and Peat, damp.	
255				0.0	X		Brown SILT and fine SAND, trace fine sub-rounded Gravel, damp.	
	4	12-16	3.8	0.0			Brown-black PEAT, damp.	
15				0.0			Fine Sand lenses 2-3 mm thick at 15', 15.2' bgs and 2 cm thick at 15.7', bgs.	

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Dup-02 (6-8' bgs)

Client: National Grid

Well/Boring ID: NG-18

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 28' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
250	5	16-20	4.0	0.0 0.4 1.8			Brown-black fine SAND and SILT, trace medium Gravel, damp. Gray SILT, trace Clay, damp. Gray fine to medium SAND, Wood at 19.4-19.5' bgs, coal-tar-like odor, damp.	Backfilled with bentonite to grade.
20	6	20-24	2.5	0.2 0.1 0.4	X		Gray fine to medium SAND, trace fine sub-angular Gravel, coal-tar-like odor, wet.	
245	7	24-28	2.8	0.0 0.0 0.0			Gray CLAY, trace Silt, trace sheen on top of Clay, damp.	
25								
240								
30								
235								
35								

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Dup-02 (6-8' bgs)

Date Start/Finish: 2/26/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551172.6 **Easting:** 685420.6 **Casing Elevation:** NA **Borehole Depth:** 24' bgs **Surface Elevation:** 265.2' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-19 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	265	1	0-4	3.5	0.0 0.0 0.0	X		Brown fine SAND and SILT, trace Organics, damp. Brown fine SAND, trace fine Gravel, damp.	Backfilled with bentonite to grade.
5	260	2	4-8	3.0	0.0 0.0 0.0	X		Brown fine SAND and SILT, trace red Brick, damp.	
10	255	3	8-12	3.5	0.0 0.4 0.2			Brown fine SAND, wet. Dark Brown-black PEAT, musty odor, damp.	
15	250	4	12-16	4.0	0.2 0.4 0.0	X		Brown fine SAND, trace fine sub-rounded Gravel, wet. Gray fine to medium SAND, wet.	

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Client: National Grid

Well/Boring ID: NG-19

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 24' bgs

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
					0.0			Gray fine to medium SAND, trace fine Gravel, wet.	
		5	16-20	3.2	0.1	X			Backfilled with bentonite to grade.
					0.2			Gray CLAY, trace Silt, wet.	
20	245								
					0.0				
		6	20-24	3.0	0.0				
					0.0				
25	240								
30	235								
35	230								

ARCADIS
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Date Start/Finish: 2/26/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551189.0 **Easting:** 685450.9 **Casing Elevation:** NA **Borehole Depth:** 24' bgs **Surface Elevation:** 265.8' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-20 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	265	1	0-4	3.0	0.0 0.0 0.0	X		Brown fine SAND, little Silt, trace Organics, damp. Dark brown fine SAND, little fine to medium sub-rounded Gravel, red Brick at 3.5' bgs, damp.	Backfilled with bentonite to grade.
5	260	2	4-8	3.0	0.0 0.0 0.0	X		Brown fine-SAND, damp. Trace red Brick and fine to medium Gravel, damp.	
10	255	3	8-12	3.5	0.0 0.1 0.2			Gray fine SAND, wet. Trace fine to medium sub-rounded Gravel.	
15	250	4	12-16	3.9	0.0 0.2 0.1	X		Dark Brown-black PEAT, musty odor, damp. Gray fine SAND, wet.	

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Dup-01 (12-14' bgs)

Client: National Grid

Well/Boring ID: NG-20

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 24' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
				0.0			Gray fine to medium SAND, trace fine Gravel, wet.	Backfilled with bentonite to grade.
	5	16-20	3.0	0.4	X			
				0.7			Gray CLAY, trace Silt, wet.	
20 / 245								
	6	20-24	3.0	0.0				
				0.0				
				0.0				
25 / 240								
30 / 235								
35 / 230								

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Dup-01 (12-14' bgs)

Date Start/Finish: 2/26/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551167.4 **Easting:** 685469.9 **Casing Elevation:** NA **Borehole Depth:** 24' bgs **Surface Elevation:** 265.9' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-22 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0									
	265	1	0-4	3.0	0.0 0.0 0.0	X		Brown SILT and fine SAND, trace Organics, damp. Brown fine SAND, trace fine rounded Gravel, damp.	
5	260	2	4-8	4.0	0.0 0.0 0.0	X		Brown SILT, some fine Sand, trace Clay, trace red Brick at 7.0' bgs, damp. Brown fine SAND, damp. Brown-black PEAT, damp.	Backfilled with bentonite to grade.
10	255	3	8-12	3.0	0.0 0.0 0.1			Brown fine to medium SAND, wet. Brown-black PEAT, musty odor, damp.	
15		4	12-16	4.0	0.0 0.0 0.0	X		Brown fine SAND and SILT, trace fine Gravel, damp. Gray fine to medium GRAVEL, Wood at 15.9' bgs, wet.	
	250								

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Client: National Grid

Well/Boring ID: NG-22

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 24' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
				0.0			Gray fine to medium GRAVEL, wet.	Backfilled with bentonite to grade.
	5	16-20	2.5	0.0	X			
				0.0			Gray CLAY, little Silt, wet.	
20 / 245								
				0.0				
	6	20-24	2.5	0.0				
				0.0				
25 / 240								
30 / 235								
35 / 230								

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Date Start/Finish: 2/27/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551108.0 **Easting:** 685430.2 **Casing Elevation:** NA **Borehole Depth:** 24' bgs **Surface Elevation:** 266.2' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-24 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	265	1	0-4	3.0	0.0 0.0 0.0	X		Brown SILT and fine SAND, trace fine sub-angular Gravel, trace Organics, damp.	Backfilled with bentonite to grade.
5	260	2	4-8	2.5	0.0 0.0 0.0	X		Brown fine SAND, trace Clay and Silt, trace red Brick at 3.5' bgs, damp.	
10	255	3	8-12	4.0	0.0 0.0 0.0			Brown fine SAND, trace fine rounded Gravel, wet. Sand becomes Gray at 10.5' bgs. Gray SILT and fine SAND at 10.9' bgs. Brown-black PEAT, musty odor.	
15		4	12-16	3.0	0.0 0.0 0.3	X		Brown fine to medium SAND, trace brown Black Peat, musty odor, damp. Brown-black PEAT, musty odor, damp. Gray fine SAND, coal-tar-like odor, damp.	

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Client: National Grid

Well/Boring ID: NG-24

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 24' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
250				0.0			Brown fine SAND, trace fine sub-rounded, Gravel, mild coal-tar-like odor, damp.	Backfilled with bentonite to grade.
	5	16-20	4.0	0.0				
				0.2	X			
20							Gray CLAY, damp.	
245				0.0				
	6	20-24	3.5	0.0				
				0.0				
25								
240								
30								
235								
35								

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Date Start/Finish: 2/26/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push/HSA **Bit Size:** 2"/6.25" **Auger Size:** 4.25" **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core / 2' x 2" SS	**Northing:** 1551240.0 **Easting:** 685518.7 **Casing Elevation:** NA **Borehole Depth:** 30' bgs **Surface Elevation:** 266.2' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-25 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	265	1	0-4	4.0	0.0 0.6 1.1	X		Asphalt. Gray SILT and fine SAND, damp. Brown fine SAND, trace fine sub-rounded Gravel, loose, damp. Gray SILT, little Clay, damp.	Backfilled with bentonite to grade.
5	260	2	4-8	4.0	0.0 0.0 0.0	X		Gray-brown SILT, trace Clay, damp.	
10	255	3	8-12	4.0	0.0 0.0 0.0	X		Brown (8'-12' bgs).	
15		4	12-16	4.0	0.0 0.0 0.0			Brown-gray CLAY, little Silt, trace fine Sand at 13' bgs, damp.	

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Client: National Grid

Well/Boring ID: NG-25

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 30' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
250							Brown-gray CLAY, little Silt, damp.	
	5	16-20	4.0	0.0 0.0 0.0	X		Gray CLAY, trace Silt, wet. Fine Sand lense at 17.5' bgs.	Backfilled with bentonite to grade.
20								
245	6	20-22	2.0	0.0 0.0				
	7	22-24	2.0	0.0 0.0				
25	8	24-26	2.0	0.0 0.0				
240	9	26-28	2.0	0.0 0.0			Fine Sand lense (approximately 2 mm thick) at 25.5' bgs.	
	10	28-30	2.0	0.0 0.0			Fine Sand lense (approximately 2 mm thick) at 29.5' bgs.	
30								
235								
35								

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Date Start/Finish: 2/28/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551255.8 **Easting:** 685591.0 **Casing Elevation:** NA **Borehole Depth:** 20' bgs **Surface Elevation:** 268.4' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-26 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH / ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
270								
0								
							Hand cleared to 5' bgs.	
265					X			
5							Brown-gray CLAY, trace Silt and red Brick, damp.	Backfilled with bentonite to grade.
	1	5-8	3.0	0.0 0.5	X			
260							Wet.	
				0.0			Gray CLAY, trace Silt, wet.	
10	2	8-12	3.5	0.0 0.1			Brown Silt and fine Sand lense (4cm thick) at 9' bgs.	
255				0.0	X			
	3	12-16	4.0	0.0				
15				0.0				

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Client: National Grid

Well/Boring ID: NG-26

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 20' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
250 / 0	4	16-20	4.0	0.0 0.0 0.0	X		Gray CLAY, trace Silt, wet.	Backfilled with bentonite to grade.
20								
245 / 25								
240 / 30								
235 / 35								

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Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Date Start/Finish: 2/29/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push **Bit Size:** 2" **Auger Size:** NA **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551172.2 **Easting:** 685342.7 **Casing Elevation:** NA **Borehole Depth:** 28' bgs **Surface Elevation:** 269.9' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** NG-27 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
0	270	1	0-4	3.3	0.0 0.0 0.0	X		Brown fine SAND and SILT, trace fine sub-rounded to sub-angular Gravel and Organics, damp. Brown SILT and CLAY, damp. Brown fine SAND, trace fine sub-rounded to sub-angular Gravel, red Brick and Organics, damp.	
5	265	2	4-8	2.8	0.0 0.0 0.0	X		Brown fine SAND, trace fine sub-rounded to sub-angular Gravel, damp. Dark brown fine SAND and SILT, trace fine sub-rounded Gravel and Organics, damp. Brown fine SAND, damp. Trace fine sub-rounded Gravel, wet.	Backfilled with bentonite to grade.
10	260	3	8-12	4.0	0.0 0.0 0.0			Gray fine SAND, little medium Sand, trace coarse Sand, fine rounded Gravel, Wood at 10.3 ' bgs wet. Black-brown PEAT, damp.	
15	255	4	12-16	3.0	0.0 0.0 0.0	X		Brown fine SAND, trace coarse Sand, wet. Gray fine to medium SAND, some Clay, trace fine to medium sub-rounded Gravel and red Brick, wet.	

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Dup-03 (21-23' bgs)

Client: National Grid

Well/Boring ID: NG-27

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 28' bgs

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
					0.0			Gray fine to medium SAND, some Clay, trace Organics, wet.	Backfilled with bentonite to grade.
		5	16-20	2.5	0.0			Gray fine SAND and SILT, wet.	
20	250				0.0				
					0.0			Gray fine to medium SAND, trace coarse Sand and fine to medium sub-rounded Gravel, mild coal-tar-like odor at 23' bgs, wet.	
		6	20-24	2.5	0.9	X			
					0.0			Gray CLAY, trace Silt, wet.	
25	245				0.0				
		7	24-28	3.2	0.0				
					0.0				
30	240								
35	235								

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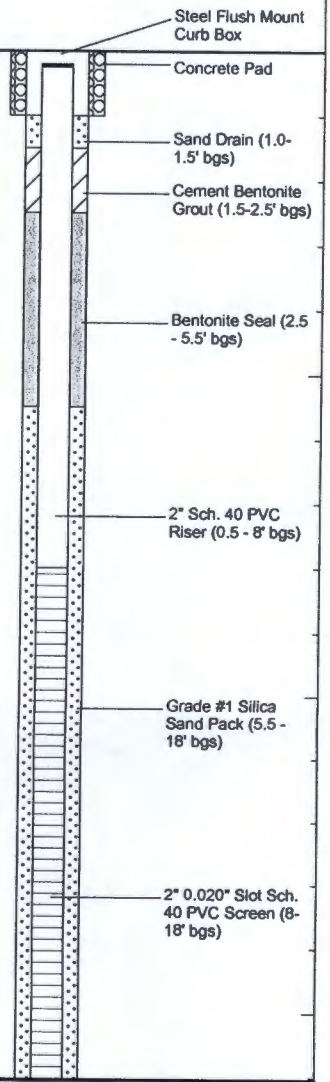
Dup-03 (21-23' bgs)

Date Start/Finish: 2/28/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push/HSA **Bit Size:** 2"/6.25" **Auger Size:** 4.25" **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551211.0 **Easting:** 685574.9 **Casing Elevation:** 267.70' AMSL **Borehole Depth:** 20' bgs **Surface Elevation:** 267.94' AMSL **Geologist:** Levia Terrell	**Well/Boring ID: MW-SS-08-05** **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH / ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
270 – 0							Hand Cleared to 5' bgs.
265 – 5	1	5-8	3.0	0.0 0.0	X		Brown SILT, trace Clay and fine sub-rounded Gravel, damp.
260 – 10	2	8-12	3.0	0.0 0.0 0.0	X		Gray CLAY, trace Silt, wet.
255 – 15	3	12-16	4.0	0.0 0.0 0.0			



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Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Hollow Stem Augers were used to install the well. Macro Core was used to sample the soil.

Client: National Grid

Well/Boring ID: MW-SS-08-05

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 20' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
250	4	16-20	4.0	0.0 0.0 0.0	X		Gray CLAY, trace Silt, wet.	2" 0.020" Slot Sch. 40 PVC Screen (8 - 18' bgs) 2" Sch. 40 PVC Sump (18 - 20' bgs) Clay Native Material
20								
245								
25								
240								
30								
235								
35								

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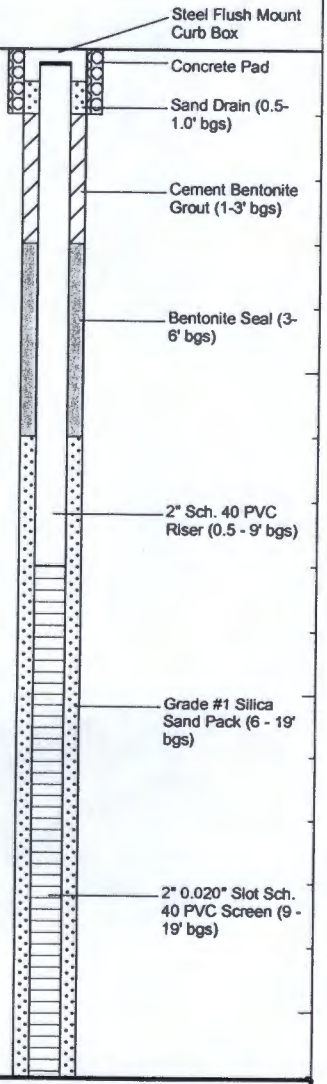
Infrastructure, environment, facilities

Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Hollow Stem Augers were used to install the well. Macro Core was used to sample the soil.

Date Start/Finish: 2/27/08 **Drilling Company:** Parratt Wolff **Driller's Name:** Jolann Price/Brian Pisegna **Drilling Method:** Direct Push/HSA **Bit Size:** 2"/6.25" **Auger Size:** 4.25" **Rig Type:** Truck mounted Power Probe **Sampling Method:** 4.0' Macro Core	**Northing:** 1551143.6 **Easting:** 685463.9 **Casing Elevation:** 265.04' AMSL **Borehole Depth:** 24' bgs **Surface Elevation:** 265.55' AMSL **Geologist:** Levia Terrell	**Well/Boring ID:** MW-SS-08-08 **Client:** National Grid **Location:** Saratoga Springs Former MGP Saratoga Springs, NY

DEPTH	ELEVATION	Sample Run Number	Sample Interval	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description
0	265	1	0-4	3.8	0.0			Brown SILT and fine SAND, trace fine sub-angular Gravel, trace Organics, damp.
					0.0			Brown fine SAND, trace sub-rounded Gravel, damp.
					0.0	X		Dark brown SILT and fine SAND, trace Clay, damp.
								Brown fine SAND, trace red Brick, damp.
5	260	2	4-8	3.7	0.0			Brown SILT and fine SAND, damp. Trace red Brick and fine sub-rounded Gravel, damp.
					0.0			Brown SILT, little Clay, trace fine Sand, damp.
					0.0	X		Red BRICK and SILT, little Clay, damp.
								Dark brown fine SAND, trace Silt, damp.
10	255	3	8-12	3.0	0.0			Black-brown PEAT, damp.
					0.0			
					0.0			
		4	12-16	3.5	0.0	X		Gray SILT and CLAY, little fine Sand, damp.
15	250				0.0			Gray fine SAND, little medium to coarse Sand, trace fine sub-angular Gravel, damp.



Well/Boring Construction

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Hollow Stem Augers were used to install the well. Macro Core was used to sample the soil.

Client: National Grid

Well/Boring ID: MW-SS-08-08

Site Location:
Saratoga Springs Former MGP
Saratoga Springs, NY

Borehole Depth: 24' bgs

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Well/Boring Construction
				0.2			Gray fine to coarse SAND, trace fine sub-rounded Gravel, damp.	2" 0.020" Slot Sch. 40 PVC Screen (9 - 19' bgs)
	5	16-20	3.0	0.0	X			
				0.4			Gray CLAY, trace Silt, damp.	2" Sch. 40 PVC Sump (19 - 21' bgs)
20 / 245								Clay Native Material
	6	20-24	3.0	0.0				
				0.0				Bentonite (21-24' bgs)
25 / 240								
30 / 235								
35 / 230								

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Remarks: bgs = below ground surface; NA = Not Available/Not Appliable; AMSL = Above Mean Sea Level; MGP = Manufactured Gas Plant.; HSA = Hollow Stem Auger; SS = Split Spoon

Hollow Stem Augers were used to install the well. Macro Core was used to sample the soil.