SCS ENGINEERS

Report

Limited Phase II Environmental Site Assessment

Allied Healthcare Facility
46 New Street
Stuyvesant Falls, New York

Presented to:

Greensfelder, Hemker & Gale, PC
200 Equitable Building
10 South Broadway
St Louis, Missouri 63102-1747

Prepared by:

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July 2010
File No. 23209028.00

Offices Nationwide
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EXECUTIVE SUMMARY

SCS Engineers (SCS) has been contracted by our client, Greensfelder, Hemker & Gale, P.C. to perform a Limited Phase II Environmental Site Assessment (ESA) of the Allied Healthcare Facility located at 46 New Street, Stuyvesant Falls, New York (Figure 1). This report was prepared to present the results of this investigation as specified in the *Proposal for Limited Phase II Environmental Site Assessment of Allied Healthcare Facility at 46 New Street, Stuyvesant Falls, New York* prepared by SCS dated July 7, 2009.

On the basis of the Limited Phase II ESA, the following findings and conclusions are made with respect to the Subject Site:

1. Considerable relief is present across the site with the western portion approximately 30 feet higher than the eastern portion. The entire site slopes to the south where it drops precipitously to Kinderhook Creek. The Site is underlain by shale bedrock. In the eastern (active) portion of the site, bedrock is encountered between 2 and 8 feet below the ground surface. In the western (inactive) portion of the site, bedrock is encountered between 8 and 16 feet below the ground surface.

2. Shallow groundwater occurs immediately above the bedrock in an area immediately west of Building C and in a localized area in the southwest corner of the waste pit area.

3. All metal contaminants except silver are present in soil at the Site at concentrations above one or more of the applicable cleanup standards. Primary metal contaminants include zinc, lead, mercury, copper, chromium, and nickel. Metals contamination is most pronounced in the areas north and east of building C and in the waste pit area. The area between buildings B and C also contains high concentrations of zinc, mercury, and lead. A couple hot spots are also present in the area east of building B. Generally, metals contamination appears to be most pronounced in near surface soil, but is present throughout the soil column at most locations.

4. Elevated metals contamination is present in soils up to the northern property line in the waste pit area and may be present in off-site soils. Metals contamination may also exist in soils on the hillside north of buildings B and C. Additional investigation will be required to further delineate the extent of metals contamination in these areas.

5. A total of 17 volatile organic chemicals were detected in soil at the site at concentrations above one or more of the applicable cleanup standards. The most widespread VOC contaminant is vinyl chloride. Other VOC contaminants of concern are acetone, trichloroethene, tetrachloroethene, xylenes, 1,2-dichloropropane, 1,3-dichloropropane, toluene, and methyl ethyl ketone (MEK). VOC contamination is most pronounced in the area northwest of building C and in the waste pit area. Generally, VOC contamination appears to be present throughout the soil column at most locations where it was detected.

6. Elevated VOC contamination is present in soils up to the northern property line in the waste pit area and may be present in off-site soils. Additional investigation will be required to further delineate the extent of VOC contamination in this area.

7. Semi-volatile organic contaminants do not appear to be a concern in soil at the site.

8. Limited testing of soil by the toxicity characteristic leaching procedure failed to determine if soil at the site is likely to be classified as hazardous waste.

9. Shallow groundwater present immediately above the bedrock in an area immediately west of Building C and in a localized area in the southwest corner of the waste pit area contains trichloroethene and lead at concentrations above applicable groundwater standards.

10. Deep groundwater present in bedrock beneath the site appears to contain lead and 1,2-dichloropropane at concentrations above applicable groundwater standards.

11. An apparent release from a transformer in the old water pump building does not contain PCBs.

12. Volatile organic chemicals and possibly mercury contamination in soil at the site may present a threat of vapor intrusion to buildings B and C. Additional investigation will be required to further evaluate the vapor intrusion exposure pathway.

13. The full horizontal extent of soil and possibly groundwater contamination at the Site is unknown. To the extent that soil and/or groundwater contamination extend to off-site properties, then the health of off-site land owners and occupants may be impacted.

1.0 INTRODUCTION

SCS Engineers (SCS) has been contracted by our client, Greensfelder, Hemker & Gale, P.C. to perform a Limited Phase II Environmental Site Assessment (ESA) of the Allied Healthcare Facility located at 46 New Street, Stuyvesant Falls, New York (Figure 1).

This report was prepared to present the results of this investigation as specified in the *Proposal for Limited Phase II Environmental Site Assessment of Allied Healthcare Facility at 46 New Street, Stuyvesant Falls, New York* prepared by SCS dated July 7, 2009.

The remainder of this section presents the investigation objectives, user limitations, and report organization.

1.1 INVESTIGATIVE OBJECTIVES

A Limited Phase II investigation performed in 2004 identified elevated concentrations of selected metals, volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs) in soil surrounding several buildings at the site, and in and around an old building foundation in the western portion of the site. However, the vertical and horizontal extent of contamination was not determined at that time. The objectives of this investigation are as follows:

- Delineate the horizontal and vertical extent of soil contamination in the active portion of the site and in the waste pit/foundation area.
- Further identify potential contaminants, particularly VOCs and SVOCs that may be present in soils in the vicinity of Buildings A, B, and C.
- Determine whether PCBs are associated with an apparent release from the old water pump building transformer.

Allied Healthcare is considering conducting limited soil remediation at the site. The objective of soil remediation would be to eliminate potential exposure to contamination present in the shallow soils at the site, and to remove contaminant sources that appear to be impacting shallow groundwater at the site.

1.2 USER RELIANCE AND LIMITATIONS

Our findings based on the results of the Limited Phase II ESA can be relied upon by Greensfelder, Hemker & Gale, P.C. and Allied Healthcare as to the conditions that currently exist on the property located at 46 New Street, Stuyvesant Falls, New York. No other warranty, either expressed or implied, is made as to the professional advice presented herein. No other party, known or unknown to SCS is intended as a beneficiary of this work product, its content or information embedded therein. Third parties use this report at their own risk.

The investigation was intended to serve as a screening tool for substantial environmental impacts. The investigation was conducted in accordance with the care and skill generally exercised by reputable professionals, under similar circumstances, at this or similar localities.

2.0 SITE CONDITIONS AND HISTORY

This section presents existing land use and physical conditions, as well as site history and previous reports, and incorporates background elements, including identification of Contaminants of Concern (COCs) based on previous investigations.

2.1 SUBJECT PROPERTY

The Subject Site, Allied Healthcare, is located at 46 New Street in Stuyvesant Falls, Columbia County, New York. Specifically, the Subject Site is located on the south side of New Street and west of the intersection of New Street and County Route 25A, along the northern bank of Kinderhook Creek. The Subject Site currently consists of one 5-story stone rubble building and tower with 5-story brick addition, 5-story brick office and production building, vacant brick pump house, vacant brick employee lunch building, and a vacant brick liquid waste pump building. The buildings are surrounded by paved parking lots and associated landscaping. The Subject Site is located within the Kinderhook Creek Historic Mill District.

The 5-story brick office and production building is currently used for office space and was previously used for the production of Baralyme. Production of Baralyme at this facility was halted in September 2004. The 5-story brick addition is currently used for storage and transfer of Baralyme and other products on the first floor only. The facility has been upgraded and production of Litholyme will commence shortly.

The Subject Site was initially developed in the 1820's as a cotton mill. The stone rubble building present at the site is believed to date to this time period. Subsequent development at the site included the addition of railway facilities and a boarding house. A schoolhouse was also constructed on the west side of the Subject Site. In 1888, a brick addition was added to the original mill building and two separate brick buildings and a mill office were also constructed. One of these brick buildings and the schoolhouse were removed after World War II. Another unknown building was constructed near the former school house, but was removed in 1974.

Starting in 1925, the site was used for the manufacture of electric steel castings and corrosion resistant alloys for a period of approximately one year. The site was then idle until 1940 when it was briefly used for the manufacture of nickel alkali storage batteries. In 1946 the Subject Site was purchased by Thomas A. Edison, Inc for the manufacture of medical gases, including anaesthetics and oxygen, and Baralyme. In 1949, a water tower and underground fuel oil tank were installed on the north side of New Street. Two additional fuel oil tanks were subsequently installed between Buildings B and C, and one gasoline tank was installed east of Building A. The fuel oil and gasoline underground storage tanks (USTs) were closed in 1987 and filled with concrete. The fuel oil in two of these tanks was used for fueling an on-site boiler and heating the water tower previously located at the Subject Site. The gasoline UST was used for fueling a small truck fleet.

The inactive waste pit area was subject to a remedial effort in 1985. Waste materials, reportedly from the production of anesthetics, had been disposed of in old building foundations in the

western portion of the site. However, reports and documentation of this remedial effort were not available for review.

In 1987, the New York State Department of Environmental Conservation (NYSDEC) required the installation of dust collection system and air permit due to the discharge of barium dust on the south side of the facility. Previously, Building C had used exhaust fans in the windows on the first floor south side for dust control. The exhaust fans discharged dust from the first floor to the slopes leading down to the north side of Kinderhook Creek. As this facility was used for the production of Baralyme, which included barium hydroxide, it is likely that the dust discharged to the south side of Building C contained barium. The installation of the dust collectors and application for the air permit was performed in 1987.

In 1988, a document seizure of nearly all environmentally related records and samples was performed at the facility by the attorney general with the NYSDEC. Several requests have been made to the NYSDEC for return of these records. At the time this report was prepared, these records have not been returned.

2.2 SURROUNDING AREA

The Subject Site is located in an area of combined residential and agricultural use properties. The nearest residential property is adjacent to and immediately northwest of the Subject Site. Additional residences, an automotive repair shop, and vacant forested areas are located to the north of the Subject Site. Kinderhook Creek is located immediately to the south of the Subject Site. Town Riverside Park Property and residences are located to the east of the Subject Site. The site is located within the Kinderhook Creek Historic Mill District.

2.3 GEOLOGY AND HYDROGEOLOGY

The Subject Site is located in the Hudson-Mohawk Valley physiographic unit in Columbia County, New York. The Hudson-Mohawk Valley covers the area between the northern and southern boundaries of the county and between the Hudson River and the Taconic Mountains east of New York State Route 22. Immediately adjacent to the Hudson River and extending the length of the county are deep, dissected lacustrine sediments. At the eastern margin of the lacustrine plain, a strand of glaciolacustrine sand and gravel beach ridge is transitional to the glacial till upland. The central part of Columbia County, including the Subject Site, is underlain by folded shale bedrock. Thin deposits of glacial till deposits are generally found on north-south oriented ridgetops in the area. The area of the town of Stuyvesant has been subjected to deep, dendritic erosion.

Columbia County is underlain by bedrock mainly of the Ordovician and Cambrian periods. The Nassau formation is located in the northwest quadrant of the county and consists of folded beds of slate and shale, with thin interbeds of quartzite. Bedrock throughout the county is folded or tilted with some areas so intensely folded that the strata are vertical or even overturned.

The Site is situated between 100 and 200 feet above mean sea level and slopes sharply to the south, towards Kinderhook Creek. Bedrock was encountered in the active (eastern) portion of

the Subject Site between 2 and 8 feet below ground surface (bgs). Bedrock was encountered in the inactive, waste pit (western) portion of the Subject Site between 8 and 16 feet bgs. All borings were advanced to refusal. However, a sample of bedrock material encountered could not always be obtained for lithologic verification. In cores where a sample could be obtained, bedrock was identified as a medium to dark gray shale that ranged from fresh to moderately weathered.

According to the Soil Survey of Columbia County, soils on the Subject Site are characterized as Udorthents, smoothed. This unit is very deep, nearly level, excessively to moderately well drained, and consists of a few small areas of different types of soils. These areas are often where soil material has been excavated, and nearby areas in which this material has been deposited. Depth of excavation and fill generally ranges from 2 to 20 feet. Soil texture ranges from sand and gravel to fine sandy loam, but in some places it is silt loam. This unit has a level or nearly level central part and strongly sloping to very steep margins.

Soil thickness in the eastern portion of the site ranges from 1 to 7.5 feet in thickness. During the field investigation, fill materials consisting of limestone gravels, topsoil, brick, and organic debris were encountered in all probes from the ground surface to a depth of between 1 and 5 feet on the active (eastern) portion of the Subject Site with the exception of probes A-SP2, B-SP11, and C-SP3 which did not contain obvious fill material. Silty clay was encountered from ground surface to 3 feet bgs transitioning to sandy clay from a depth of 3 to 4 feet bgs in core A-SP2. Sandy silt was encountered from ground surface to a depth of 4 feet and 3 feet in cores B-SP11, and C-SP3, respectively.

Soil thickness in the western, waste pit portion of the site ranges from 8 to 16 feet in thickness. In the waste pit portion of the Subject Site, sandy to silty clay was encountered from the ground surface to a depth of between 1 and 4 foot bgs. Silty clay was encountered from the ground surface or below the sandy clay (when present) to refusal. Fill material consisting of brick, gravel, and charcoal was observed in WP-SP13 (0-4' bgs), WP-SP14 (0-2' bgs), WP-SP20 (0-3' bgs), and WP-SP23 (0-4' bgs).

Moist to saturated zones were encountered immediately above the bedrock surface in several of the probes on the north side of Building C (C-SP5, C-SP6, C-SP7, C-SP9, and C-SP2). In the inactive waste pit area, moist to saturated zones were encountered immediately above the bedrock surface at probe locations WP-SP23, WP-SP13, WP-SP3, and WP-SP8. Saturated soils were not encountered at any other probe locations at the site. In addition to these saturated zones, groundwater is present in the fractured bedrock beneath the Subject Site. The overall groundwater flow direction is south towards Kinderhook Creek. Boring logs are presented in Appendix B.

A water supply well is located on the Subject Site adjacent to and east of Building C. The depth of this well is unknown, but it appears to draw water from a bedrock aquifer beneath the site. This well is reportedly used for sinks and toilets only, and is not used as a source of potable water. The Phase I report identified seven other wells located within a one quarter to one mile radius of the Subject Site. Five of these are USGS monitoring wells. The other two wells are reportedly owned by Beth's Farm Kitchen and St. Mary's OFA, located 3/8-mile west-northwest and 1/2-mile south of the Subject Site, respectively. During the course of this investigation, field

personnel were approached by the owner of a residential property located immediately northwest of the Subject Site. The owner of this property indicated that he obtains water from a supply well located on his property. As public water is not available in the town of Stuyvesant, it is likely that numerous additional undocumented supply wells are located nearby.

2.4 PREVIOUS ENVIRONMENTAL REPORTS

Previous environmental reports relevant to the Site are summarized below.

Letter report documenting the results of 3 soil samples collected at the Subject Site dated October 6, 1995 by Environmental Operations, Inc. Two soil samples were collected to evaluate potential releases of PCBs from transformers at the site. Sample results indicated PCB levels below the 10 ppm PCB standard. A third sample was collected near the southwest side of building C to evaluate potential impacts of fugitive dust from the facility. Elevated concentrations of barium, chromium, lead, and mercury were reported in this sample. The report observed that the elevated metals could represent an environmental liability but offered no further conclusions or recommendations.

Phase I Environmental Site Assessment (ESA) of Allied Healthcare Products Facility, 46 New Street, Stuyvesant Falls, New York prepared by SCS Engineers and dated January 31, 2005. The Phase I ESA conducted at the Subject Site identified the following *recognized environmental conditions*:

- Baralyme dust has been discharged around Building C, and particularly along the southern side. Various other chemicals believed to have been used in anesthetic production also appear to have been discharged onto soil on the north side of Building C in the past. In addition, the buildings on Parcel I have been used for various other manufacturing operations, which may or may not have made use of products containing heavy metals and other hazardous materials.

- The septic tank and leaching bed on the Subject Site have received discharge from the Buildings on the Subject Site, which likely contained Baralyme as well as other chemicals and products containing heavy metals used in the buildings over time.

- Liquid wastes from previous operations on the Subject Site including various chemicals for anesthetic production have been discharged to the 'waste pit' area on the west side of the Subject Site.

In addition to the above recognized environmental conditions, the Phase I ESA also identified several conditions that increase the potential environmental risks on the Subject Site as follows:

- The potential for historic leakage from the previously closed USTs on the Subject Site is not known.

- The transformer in the water pump building has leaked, but it is unknown if this transformer contained PCBs.

- Two stormwater discharges along the north side of Building C have an unknown source.
- The quality of the water in the well on the Subject Site is unknown.
- Steel drums filled with solid waste are stored on the north side of Building C.
- Due to the age of the buildings, the presence of Asbestos Containing Materials (ACM) in the buildings is probable. However the location and amount of ACMs are unknown.
- The US EPA reports that Columbia County is classified within EPA Radon Zone 1. The average indoor living area level of radon within Zone 1 is above the EPA action level of 4 pCi/L.

The Phase I ESA recommended soil and groundwater sampling be performed around each of the three main buildings, waste pit area, and in the septic tank and leaching bed area north of Buildings B and C in order to identify the extent and magnitude of contamination in each of these areas. Results of the sampling would be used to develop remedial alternatives for resolution of identified *recognized environmental conditions*.

Limited Phase II Environmental Site Assessment of Allied Healthcare Products Facility, 46 New Street, Stuyvesant Falls, New York prepared by SCS Engineers and dated December 17, 2004.

A Limited Phase II investigation was conducted at the Subject Site. The investigation included collection of groundwater and soil samples from areas around Building A, Building B, Building C, the former USTs, the septic system, waste pit area, and the on-site water well. A limited number of background soil samples were also collected.

Several volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals were detected in soil samples collected from all areas of the facility. Specific analytes that exceeded New York standards in effect at the time included acetone, methylene chloride, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, chrysene, and dibenzo(a,h)anthracene from samples collected from the inactive, waste pit area. The report concluded that prior remedial actions conducted in the inactive, waste pit area in 1985 failed to remove all contamination in this area. Additional investigation was recommended to evaluate the full vertical and horizontal extent of contamination in the waste pit area.

Metals including arsenic, copper, lead, and zinc were detected at concentrations in excess of USEPA Region III industrial and/or residential standards in soil in the eastern active portion of the Subject Site. In addition, arsenic was detected in concentrations in excess of USEPA Region III industrial and/or residential standards in the waste pit portion of the facility. The report stated that although in excess of the USEPA standards, arsenic concentrations were close to the measured background concentrations. Copper and zinc were also found to exceed USEPA residential standards at one location. Lead was found in surface soils immediately adjacent to Building C in excess of the USEPA residential standard. Additional sampling was recommended to adequately assess potential health risk associated with these metals.

A water sample obtained from an open borehole detected lead above the Safe Drinking Water Act Maximum Contaminant Level (MCL). The report concluded that since the sample was not considered to be groundwater, the lead concentration is not considered to be significant. A sample obtained from the on-site supply well contained 1,2-Dichloropropane at a concentration approximately one order of magnitude above the MCL. Lead was also detected in this sample at a concentration above the MCL. The report stated that the organic contaminants detected in the groundwater sample were also detected at high concentrations in the soil samples from the inactive, waste pit area. Therefore, it appears that groundwater beneath the site has been impacted by the release of chemicals from the waste pit. The report recommended additional investigation to evaluate the full extent of apparent groundwater contamination.

3.0 INVESTIGATION ACTIVITIES

This section presents the details of the field investigation activities. Unless otherwise noted, field methods followed procedures specified in *Standards Related to Phase II Environmental Site Assessment Process, Version 3.0,* American Society of Testing and Materials (ASTM), 2005. Specific procedures utilized included *D 2488-00 Practice for Description and Identification of Soils (Visual-Manual Procedure)*; *D 4220-95 Practices for Preserving and Transporting Soil Samples*; and *D 6282 Guide for Direct-Push Soil Sampling for Environmental Site Characterization.*

Data quality documentation provided by Belmont Labs was reviewed for conformance with guidelines established in *USEPA Contract Laboratory Program (CLP) National Functional Guidelines for Organic Data Review*, 1999, and *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review*, 2004. Since the data packages were not complete CLP packages, the following elements were reviewed: detection limits, holding times, surrogate recoveries, method blanks, trip blanks, laboratory control samples (LCS) and laboratory control duplicates (LCD), and matrix spike (MS) and matrix spike duplicates (MSD). On the basis of this review, the overall quality of the data relative to the contaminants of concerns was acceptable and met method-specific requirements for precision and accuracy. The full text of the data quality analysis is included in Appendix B. Photographs of the site are included in Appendix D.

3.1 SOIL SAMPLING

Figure 1 shows a site map and the location of all sample points. Prior to drilling, utilities were located and marked by Dig Safely New York, the underground utility notification center for the State of New York. The field investigation consisted of direct-push probing using a Geoprobe® Macro Core (MC) Soil Sampler. A total of 50 probes were pushed to refusal (bedrock) in the vicinity of Buildings A, B, and C, and in the waste disposal area. Continuous soil samples were collected at each sample location and described in the field Soil samples were bagged and field screened for VOCs using a photoionization detector (PID) with a 10.6 volt lamp. PID readings were taken at 1-foot intervals and are recorded on the boring logs. Based on the field screening results and observations of field personnel, at least one soil sample from each sample location was collected for laboratory analysis. In order to evaluate the vertical extent of contamination, a second soil sample for laboratory analysis was collected at approximately half of the sample locations from a depth interval at or near the bedrock surface. The probe locations were positioned based on review of historical reports, from site conditions observed during the field investigation, and from PID field screening results. In the waste pit area, sample locations were placed as close as safely possible to the edge of the slopes on the eastern and southern sides of the area, and as close to the apparent property boundaries to the north and west based on the existing fence lines.

Due to geoprobe access limitations, the area on the west and south side of Building C was sampled using hand sampling equipment. Six samples were collected in this area using a clean trowel from a depth of 0-6-inches bgs. These sample locations were based on historical reports

and the location of the first floor windows on the south side of the building that had reportedly been used in the past to discharge dust.

Samples for laboratory analysis were collected immediately after the exposed soil cores were field screened with the PID. The soil samples were placed on ice and delivered to Belmont Labs for analysis. At least one sample from each location was analyzed for Priority Pollutant Metals plus barium by Methods 6010/7471. Selected soil samples were also analyzed for VOCs by Method 8260B and SVOCs by Method 8270 based on PID results and field observations. Laboratory analytical reports are included in Appendix A. Duplicate soil samples were included for quality control purposes and are discussed in detail in the Data Quality Analysis presented in Appendix B.

Soil core samples that were not submitted for laboratory analysis were shipped back to the office of SCS Engineers for storage. Our work plan specified that following receipt of initial analytical results, selected samples that displayed the highest metals results would be retrieved from the stored samples and submitted for analysis by the Toxicity Characteristic Leaching Procedure (TCLP). The objective of this exercise was to determine if metals contamination in soil at the site is sufficiently high so as to cause the soil to be classified as a hazardous waste. Unfortunately, the volume of soil that was retrieved by the geoprobe rig was relatively small, and nearly all the soil from a particular sample interval was required to fill the sample containers that were originally submitted to the lab. As a result, no soil from the sample intervals that displayed the highest metals concentrations was left in the stored samples to submit for TCLP analysis. Accordingly, where we had stored soil samples from a sample interval adjacent to an interval that displayed a high metal concentration, these samples were submitted instead. Laboratory analytical reports are included in Appendix A.

Photographs were taken to document the drilling activities and all sample locations and site features were located via survey. All soil probes were backfilled with bentonite and the asphalt was patched as necessary. The PID field screening results, sample depths, and soil descriptions and observations are presented in the Boring Logs (Appendix C).

3.2 GROUNDWATER SAMPLING

One groundwater sample was collected from probe C-SP5 on the active portion of the Subject Site, adjacent to Building C. The probe location was selected to be in the presumed downgradient location from suspected sources of contamination in the waste pit area. The probe was pushed to a maximum depth of 4 feet bgs, where refusal on shale bedrock was encountered. A drop screen and clean tubing were used to collect a sample from the open probe hole. VOC bottles were filled such that no headspace was present in order to prevent volatilization of VOCs during transit to the laboratory. The groundwater sample was placed on ice after collection and labeling, and delivered to Belmont Labs. The sample was analyzed for VOCs using SW-846 Method 8260B. The laboratory analytical report is included in Appendix A.

3.3 PCB SAMPLING

In order to evaluate the potential presence of PCBs from an apparent release from the transformer located in the old water pump building, one wipe sample was collected from the

stained concrete beneath the transformer. A tape measure was used to delineate an area approximately 6 inches in width by 6 inches in length. This area was then sampled using a laboratory provided, pre-preserved wipe. After the sample was collected, the wipe was folded and placed in a laboratory provided glass jar and placed on ice for delivery to Belmont Labs. The sample was analyzed for PCBs using SW-846 Method 8082. The laboratory analytical report is included in Appendix A.

3.4 SITE SURVEY

Because accurate scaled drawings of the site were unavailable prior to conducting this investigation, a site survey was performed as part of the field work. The objective of this survey was to provide an accurate base map of the Subject Site, allow accurate placement of sample locations, and facilitate any future remedial and engineering design work. Ground surface contours were surveyed at regular grid intervals and referenced to a site datum that was arbitrarily assigned an elevation of 100 feet. Building corners and sample locations were also surveyed. Measurements of building dimensions were taken using a laser measuring device. Figure 1 shows the resulting site map with sample locations and prominent site features.

4.0 INVESTIGATION RESULTS

4.1 ANALYTICAL RESULTS - SOIL

The New York State Division of Environmental Remediation has established the Brownfield Cleanup Program (BCP) to address facilities such as the Subject Site that have legacy contamination resulting from a long history of industrial use. Although the Subject Site is not formally participating in the BCP, the cleanup standards established by the BCP are useful for the purpose of evaluating contamination detected in soil at the site. The BCP has determined that remedial actions at a contaminated site must be protective of public health and, where applicable, also protective of groundwater and ecological resources. The contaminant-specific soil cleanup standard that is to be implemented at a site is the lowest of these three potential standards. Further explanation of potential soil cleanup standards is as follows;

- Protection of Public Health Standard: The BCP has established several standards that are intended to be protective of human health. These standards are a function of site use and include residential use, restricted residential use, commercial use, and industrial use. The Subject Site is currently used for industrial purposes and is anticipated to be used for industrial purposes in the future. Therefore, the BCP industrial land use cleanup standards are considered to be appropriate. The industrial land use standards are also the highest (most lenient) of the public health standards. However, to formally rely on the industrial land use standards it will be necessary to participate in the BCP and to place an environmental easement (deed restriction) on the property so that it cannot be used for an alternative (i.e., residential) purpose.

- Protection of Groundwater Standard: All states consider that groundwater is a valuable resource that must be protected. It is the policy of New York that the protection of groundwater standards "...are applicable at restricted use sites where contamination has been detected in on-site soil by the remedial investigation and groundwater standards are, or are threatened to be, contravened by the presence of soil contamination at concentrations above the protection of groundwater soil cleanup objectives." The previous limited Phase II investigation conducted in 2004 detected 1,2-dichloropropane and lead at concentrations above the Safe Drinking Water Act Maximum Contaminant Level in a water sample collected from the on-site water supply well. Several other organic and inorganic contaminants were also detected in the supply well sample. The contaminants detected in the well water sample have also been detected in soil samples at the site. Based on these data, it appears that groundwater at the site has been "contravened" by the presence of soil contamination (i.e., soil contamination has migrated down to and impacted groundwater). Therefore, the protection of groundwater cleanup standards are considered to be applicable. Most of the protection of groundwater standards are several orders of magnitude less than the industrial land use standards. This is because the industrial use standards only consider contaminant exposure through inhalation or absorption through the skin for a typical adult worker spending only 8 hours/day and 5 days/week at a site for some limited total period of time. Groundwater standards consider that contaminant exposure will occur through ingestion as well as inhalation and absorption, and that both children and adults could potentially be exposed

24 hours/day and 7 days/week for a lifetime. It should be noted that under certain conditions the BCP may determine that the protection of groundwater standards are not applicable. Included in these conditions is when an environmental easement (deed restriction) prohibits the use of groundwater.

- Protection of Ecological ResourcesStandard: The BCP has determined that the standards for protection of ecological resources must be applied "...for the upland soils at sites where terrestrial flora and fauna and the habitats that support them are identified." The process for identification of ecological resources is outlined in Subpart 375-6.6(b). Essentially, the site owner must conduct an ecological resource characterization as part of a fish and wildlife impact analysis in areas both on and adjacent to the site. Based on the presence of Kinderhook Creek adjacent to the site and the presence of mature woods both on and immediately west of the site, it is reasonably likely that such studies will determine that these ecological resources "...constitute an important component of the environment". Therefore, SCS has assumed that the protection of ecological resources standards are applicable. The protection of ecological resources standards also tend to be several orders of magnitude less than the industrial use standards.

Table 1 presents a summary of the soil sample analytical results. To facilitate evaluation of these data, Table 1 also includes appropriate values for the three cleanup standards discussed above. Detected contaminant concentrations that exceed the ecological standards have been shaded in green. Detected contaminant concentrations that exceed the protection of groundwater standards have been shaded in blue. Detected contaminant concentrations that exceed the industrial land use standards have been shaded in yellow. Contaminant concentrations that exceed two or more standards have been shaded in red. The BCP considers that the cleanup standards for restricted site use are applicable to a depth of 15 feet or bedrock, whichever is shallower.

4.1.1 Priority Pollutant Metals Results

Table 2 presents an analysis of the data presented in Table 1. Soil samples were analyzed for the full range of Priority Pollutant metals including antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, nickel, selenium, silver, thallium, zinc, and mercury by Method 6010B/7471. Of the metals analyzed, only silver was not detected in any of the soil samples at concentrations above applicable cleanup standards. As presented in Tables 1 and 2, the remaining metals all exceeded one or more of the cleanup standards.

The most widespread metal contaminant is zinc. Other metal contaminants of particular concern are lead, mercury, copper, nickel, and possibly chromium. The cleanup standards for chromium are specific to the chromium species (i.e, hexavalent or trivalent chrome). Soil sample analytical results for this investigation reported total chrome and did not differentiate between its trivalent and hexavalent forms. Therefore, we are unsure to what extent the chrome species standards have been exceeded. However, it is likely that chrome is a problem at the site. Barium also exceeded the ecological and/or groundwater protection standard at a few locations. The remaining metal contaminants are considered to be inconsequential.

Figures 2, 3, 4, 5, and 6 shows contaminant concentration isopleths for zinc, lead, mercury, copper, and total chromium, respectively. Figure 7 is an overview of metals contamination and

shows those areas of the site where one or more metals have been detected in soil at concentrations above applicable standards. As shown on these figures, metals contamination is most pronounced in the areas north and east of building C and in the waste pit area. The area between buildings B and C also contains high concentrations of zinc, mercury, and lead. A couple hot spots are also present in the area east of building B. Generally, metals contamination appears to be most pronounced in near surface soil, but is present throughout the soil column at most locations.

It should be noted that elevated metals contamination was detected in soils up to the northern property line in the waste pit area. No sampling was conducted beyond the property line and elevated metals contamination may be present in off-site soils. Similarly, no soil samples were collected from the hillside north of buildings B and C, and metals contamination may exist in this area as well.

Zinc, lead, chrome, and copper contamination may be associated with the brief production of corrosion resistant alloys at the site in 1925. Nickel and cadmium contamination may be associated with the brief production of nickel alkali batteries at the site in 1940. Barium contamination is likely associated with the production of baralyme at the site. The above and remaining metal contaminants may also be associated textile dying that probably occurred at the site during the time period when it was used as a cotton mill.

4.1.2 Volatile Organic Chemical Results

Soil samples were analyzed for the full spectrum VOCs by SW-846 Method 8260B. Sample results are summarized in Table 1. Table 2 presents an analysis of the data presented in Table 1. As presented in Table 2, a total of 17 VOCs were detected in soil at concentrations in excess of one or more of the applicable standards.

Figure 8 shows total VOC concentration isopleths. The most widespread VOC contaminant is vinyl chloride. Other VOC contaminants of concern are acetone, trichloroethene, tetrachloroethene, xylenes, 1,2-dichloropropane, 1,3-dichloropropane, toluene, and methyl ethyl ketone (MEK). The remaining VOC contaminants are considered to be inconsequential.

Figure 9 shows the locations where one or more VOCs have been detected in soil at concentrations above applicable standards. As shown on figure 9, VOC contamination is most pronounced in the area northwest of building C and in the waste pit area. Generally, VOC contamination appears to be present throughout the soil column at most locations where it was detected.

It should be noted that elevated VOC contamination was detected in soils up to the northern property line in the waste pit area. No sampling was conducted beyond the property line and elevated VOC contamination may be present in off-site soils.

The probable source of VOC contamination is unknown. However, widespread use of organic solvents, particularly chlorinated solvents, largely dates to the period following World War II. Therefore, the VOC contamination is probably associated with the production of medical gasses and related products that has occurred at the site from 1946 until the present.

4.1.3 Semi-Volatile Organic Chemical Results

Thirty-nine soil samples were collected from the active and inactive portions of the Subject Site and analyzed for SVOCs. Only chrysene and benz(a)anthracene were detected at concentrations slightly above the protection of groundwater standard at single locations. No SVOCs were detected above the industrial land use or the protection of ecological resource standards at any locations. Based on the low concentration and very limited occurrence of SVOCs, these contaminants are not considered to be a concern at the site.

4.1.4 Toxicity Characteristic Leaching Procedure Results

The TCLP test mimics conditions that occur in a landfill and is intended to determine if contaminants are firmly bonded to the soil or other waste matrix, or will become mobile upon disposal. A soil or other waste material that fails the TCLP test is considered to be a hazardous waste. The objective of this analysis was to determine if metals concentrations in soil at the site are sufficiently high so as to cause the soil to be classified as hazardous waste if it were excavated and disposed.

As discussed in Section 3.1, the volume of soil that was retrieved by the geoprobe rig was relatively small, and nearly all the soil from a particular sample interval was required to fill the sample containers that were originally submitted to the lab. As a result, no soil from the sample intervals that displayed the highest metals concentrations was left in the stored samples to submit for TCLP analysis. Accordingly, where we had stored soil samples from a sample interval adjacent to an interval that displayed a high metal concentration, these samples were submitted instead.

Total metals concentrations and TCLP analytical results are summarized in Table 3. A column showing the highest concentration of a particular metal contaminant that was detected at the site is included in Table 3. As presented in Table 3, none of the supplemental samples failed the TCLP test. However, the total metal concentrations in the samples that were submitted for TCLP analysis are as much as two orders of magnitude lower than the maximum concentrations detected at the site. Therefore, the TCLP results are inconclusive, and the objective of this analysis was not achieved.

4.2 ANALYTICAL RESULTS - GROUNDWATER

The scope of work for this investigation did not include collection of groundwater samples. However, upon completion of soil boring C-SP5, field personnel observed that shallow groundwater was present in this area. In order to characterize the shallow groundwater encountered in this area, a water sample was collected from boring C-SP5 as described in Section 3.2 of this report and submitted for analysis of VOCs by SW-846 Method 8260B. Table 4 presents a summary of the analytical results from this sample. Complete laboratory analytical reports and chain-of-custody documentation are provided in Appendix A.

During the limited Phase II investigation performed at the site in 2004, water sample C-2W was collected from a boring installed near the location of boring C-SP5. The 2004 investigation also included collection of water sample DW-1 from the on-site bedrock supply well. To get a more

complete picture of groundwater quality at the site, analytical results from the two water samples collected in 2004 have been included in Table 4.

For the purpose of comparison, the United States Environmental Protection Agency (USEPA) National Primary Drinking Water Regulations, Maximum Contaminant Level (MCL) standards are also included in Table 4. As presented in Table 4, shallow groundwater sample C-GW1 contained trichloroethene at a concentration above the MCL. Low concentrations of 1,3-dichloropropane and cis-1,2-dichloroethene were also detected in this sample. Due to a lack of appropriate sample containers, no metals analysis was performed on the C-GW1 sample collected during this investigation. Previous shallow groundwater sample C-2W contained lead at a concentration above the MCL. The previous deep bedrock sample contained lead and 1,2-dichloropropane at concentrations above the MCL.

Based on the above, it appears that both shallow and deep groundwater at the site have been impacted.

4.3 PCB ANALYTICAL RESULTS

In order to evaluate the potential presence of PCBs in an apparent release from a transformer located in the old water pump building, one wipe sample was collected from the stained concrete beneath the transformer. The wipe sample was analyzed for PCBs by Method 8082. Complete laboratory analytical reports and chain-of-custody documentation are provided in Appendix A. All PCB concentrations were below the laboratory reporting limits. Therefore, PCBs do not appear to have been released in this area.

4.4 EXPOSURE PATHWAYS

On-Site Exposure Pathways: Based on the analytical results presented in the above sections, organic and inorganic contaminants present in soil at the site are likely to impact the health of humans working at the site. These contaminants are also likely to impact the health of other life forms at the site. Typical pathways by which exposure to contaminants in soil can occur include inhalation of vapors and dust, absorption through the skin, and ingestion while eating or drinking.

Not examined as part of this investigation is the potential for volatile organic contaminants present in soil at the site, and possibly mercury, to impact indoor air quality. This potential exposure pathway is referred to as vapor intrusion. As shown on Figure 4, high mercury concentrations are present in soil surrounding building C and in the pump building between buildings B and C. As shown on Figure 8, high VOC concentrations are present in soil at the northwest side of building C. Further investigation will be necessary to determine if potential vapor intrusion of VOCs and/or mercury is a threat to the occupants of buildings B and/or C.

Limited data indicate that both shallow and deep groundwater at the site contain contaminants in sufficient concentration such that the groundwater is a threat to human health. Typical pathways by which exposure to contaminants in groundwater can occur include ingestion by drinking, inhalation of water vapor containing contaminants, and absorption through the skin while bathing. Site water is obtained from the bedrock aquifer. SCS understands that this groundwater

is not consumed by site workers, but that it continues to be used for non-potable purposes. A ban on drinking largely eliminates the ingestion exposure pathway. However, to the extent that groundwater is used for washing, the inhalation and absorption exposure pathways may still be a concern. Further investigation including a risk assessment would be necessary to determine the potential risk posed by non-potable use of site groundwater.

Off-Site Exposure Pathways: As discussed in Section 4.1, organic and inorganic contaminants are present in soil up to the northern property line. If soil contamination extends to adjoining properties, then persons living on or otherwise using those properties could be exposed to these contaminants. Residential use and the presence of children, the elderly, or others with weakened immune systems could exacerbate the health risk posed by off-site soil contamination.

Similarly, it appears that contaminated groundwater occurs in the bedrock aquifer present beneath the site. The extent of apparent groundwater contamination is unknown. Public water is not available in the town of Stuyvesant Falls, and it is very likely that adjoining property owners obtain a potable water supply from the same bedrock aquifer. If groundwater contamination extends to adjoining properties, then persons using that groundwater could be exposed to contamination.

5.0 FINDINGS AND CONCLUSIONS

On the basis of the Limited Phase II Environmental Site Assessment, the following findings and conclusions are made with respect to the Subject Site:

1. The Subject Site was used for cotton milling and possibly dying from approximately 1820 until approximately 1925. Electric steel castings and corrosion resistant alloys were produced at the Site from1925 until 1926. The Site was idle/vacant from 1926 until 1940. In 1940, nickel (cadmium?) batteries were briefly produced at the site. From 1946 until the present time, the Site has been used for the production of medical gasses and baralyme.

2. Considerable relief is present across the site with the western portion approximately 30 feet higher than the eastern portion. The entire site slopes to the south where it drops precipitously to Kinderhook Creek. The Site is underlain by shale bedrock. In the eastern (active) portion of the site, bedrock is encountered between 2 and 8 feet below the ground surface. In the western (inactive) portion of the site, bedrock is encountered between 8 and 16 feet below the ground surface.

3. Shallow groundwater occurs immediately above the bedrock in an area immediately west of Building C and in a localized area in the southwest corner of the waste pit area.

4. All metal contaminants except silver are present in soil at the Site at concentrations above one or more of the applicable cleanup standards. Primary metal contaminants include zinc, lead, mercury, copper, chromium, and nickel. Metals contamination is most pronounced in the areas north and east of building C and in the waste pit area. The area between buildings B and C also contains high concentrations of zinc, mercury, and lead. A couple hot spots are also present in the area east of building B. Generally, metals contamination appears to be most pronounced in near surface soil, but is present throughout the soil column at most locations.

5. Elevated metals contamination is present in soils up to the northern property line in the waste pit area and may be present in off-site soils. Metals contamination may also exist in soils on the hillside north of buildings B and C. Additional investigation will be required to further delineate the extent of metals contamination in these areas.

6. A total of 17 volatile organic chemicals were detected in soil at the site at concentrations above one or more of the applicable cleanup standards. The most widespread VOC contaminant is vinyl chloride. Other VOC contaminants of concern are acetone, trichloroethene, tetrachloroethene, xylenes, 1,2-dichloropropane, 1,3-dichloropropane, toluene, and methyl ethyl ketone (MEK). VOC contamination is most pronounced in the area northwest of building C and in the waste pit area. Generally, VOC contamination appears to be present throughout the soil column at most locations where it was detected.

7. Elevated VOC contamination is present in soils up to the northern and western property lines in the waste pit area and may be present in off-site soils. Additional investigation will be required to further delineate the extent of VOC contamination in this area.

8. Semi-volatile organic contaminants do not appear to be a concern in soil at the site.

9. Limited testing of soil by the toxicity characteristic leaching procedure failed to determine if soil at the site is likely to be classified as hazardous waste.

10. Shallow groundwater present immediately above the bedrock in an area immediately west of Building C contains trichloroethene and lead at concentrations above applicable groundwater standards.

11. Deep groundwater present in bedrock beneath the site appears to contain lead and 1,2-dichloropropane at concentrations above applicable groundwater standards.

12. An apparent release from a transformer in the old water pump building does not contain PCBs.

13. Volatile organic chemicals and possibly mercury contamination in soil at the site may present a threat of vapor intrusion to buildings B and C. Additional investigation will be required to further evaluate the vapor intrusion exposure pathway.

14. The full horizontal extent of soil and possibly groundwater contamination at the Site is unknown. To the extent that soil and/or groundwater contamination extend to off-site properties, then the health of off-site land owners and occupants may be impacted.

6.0 REFERENCES

1. American Society of Testing and Materials (ASTM), *Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process*, E 1903-97.

2. NRCS Soil Survey Information for Columbia County from http://www2.ftw.nrcs.usda.gov/

3. Environmental Operations, Inc, Letter report documenting the results of 3 soil samples collected at the Subject Site, October 6, 1995.

4. SCS Engineers, *Limited Phase II Environmental Site Assessment of Allied Healthcare Products Facility, 46 New Street, Stuyvesant Falls, New York*, December 17, 2004.

5. SCS Engineers, *Phase I Environmental Site Assessment Report, Allied Healthcare Products Facility, 46 New Street, Stuyvesant Falls, New York, January 31, 2005.*

6. U.S. Environmental Protection Agency (US EPA), *Contract Laboratory Program (CLP) National Functional Guidelines for Organic Data Review*, 1999.

7. US EPA, *CLP National Functional Guidelines for Inorganic Data Review*, 2004

TABLES

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	A-SP1 1-2 10/21/09	A-SP2 0-1 10/21/09	A-SP2 3.5-4.5 10/21/09	B-SP1 1-2 10/21/09	B-SP2 1-2 10/21/09	B-SP2 4.5-5.5 10/21/09	B-SP2 7-8 10/21/09	B-SP3 1-2 10/21/09	B-SP4 1-2 10/21/09
Metals (mg/kg = ppm)												
Antimony	NS	5	NS	< 5.55	< 5.65	< 5.16	< 4.35	< 5.51	--	< 5.38	< 5.50	< 5.22
Arsenic	16	13	16	**9.14**	**8.51**	**3.20**	**3.97**	**6.00**	--	**3.74**	**9.44**	**3.81**
Barium	10000	433	820	**98.5**	**105**	**124**	**150**	**119**	--	**89.2**	**104**	**93.1**
Beryllium	2700	10	47	**0.938**	**0.731**	**0.566**	**0.575**	**0.585**	--	< 0.538	**0.883**	< 0.522
Cadmium	60	4	7.5	**1.91**	**1.68**	< 1.03	**1.19**	**1.37**	--	< 1.08	**1.76**	**1.16**
Chromium *	800/6800	1/41	19/NS	**24.9**	**24.2**	**17.8**	**16.4**	**17.4**	--	**16.3**	**22.5**	**16.5**
Copper	10000	50	1720	**39.0**	**29.5**	**26.9**	**18.4**	**28.3**	--	**24.7**	**38.4**	**24.0**
Lead	3900	63	450	**40.9**	**14.8**	**10.1**	**27.5**	**92.1**	--	**10.8**	**21.6**	**155**
Nickel	10000	30	130	**28.0**	**24.2**	**15.1**	**18.2**	**21.0**	--	**18.3**	**26.5**	**18.9**
Selenium	6800	3.9	4	< 5.55	< 5.65	< 5.16	< 4.35	< 5.51	--	< 5.38	< 5.50	< 5.22
Silver	6800	2	8.3	< 1.11	< 1.13	< 1.03	< 0.870	< 1.10	--	< 1.08	< 1.10	< 1.04
Thallium	NS	1	NS	< 5.55	< 5.65	< 5.16	< 4.35	< 5.51	--	< 5.38	< 5.50	< 5.22
Zinc	10000	109	2480	**91.7**	**67.5**	**56.6**	**80.4**	**89.6**	--	**62.8**	**81.4**	**57.3**
Mercury	5.7	0.18	0.73	< 0.141	< 0.149	< 0.142	< 0.109	**0.123**	--	< 0.122	< 0.147	< 0.128
VOCS (mg/kg = ppm)												
Acetone	1000	2.2	0.05	--	--	--	--	--	< 0.0606	--	--	< 0.0489
2-Butanone (MEK)	1000	100	0.12	--	--	--	--	--	< 0.0242	--	--	< 0.0196
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	--	--	--	--	< 0.0121	--	--	< 0.00979
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,1,1-Trichloroethane	1000	NS	0.68	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,1-Dichloroethane	480	NS	0.27	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,1-Dichloroethene	1000	NS	0.33	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,1-Dichloropropene	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,2-Dibromoethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,2-Dichloroethane	60	10	0.02	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,2-Dichloropropane	NS	700	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
1,3-Dichloropropane	NS	NS	0.3	--	--	--	--	--	< 0.00606	--	--	< 0.00489
2,2-Dichloropropane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489

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2-Chloroethyl vinyl ether	NS	NS	NS	--	--	--	--	--	< 0.0121	--	--	< 0.00979
2-Chlorotoluene	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
2-Hexanone	NS	NS	NS	--	--	--	--	--	< 0.0242	--	--	< 0.0196
4-Chlorotoluene	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	--	--	< 0.0242	--	--	< 0.0196
Acetonitrile	NS	NS	NS	--	--	--	--	--	< 0.0485	--	--	< 0.0391
Acrolein	NS	NS	NS	--	--	--	--	--	< 0.0242	--	--	< 0.0196
Acrylonitrile	NS	NS	NS	--	--	--	--	--	< 0.0242	--	--	< 0.0196
Allyl chloride	NS	NS	NS	--	--	--	--	--	< 0.0121	--	--	< 0.00979
Benzene	89	70	0.06	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Bromobenzene	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Bromochloromethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Bromodichloromethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Bromoform	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Bromomethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Carbon Disulfide	1000	NS	2.7	--	--	--	--	--	< 0.0242	--	--	< 0.0196
Carbon Tetrachloride	44	NS	0.76	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Chlorobenzene	1000	40	1.1	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Chloroethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Chloroform	700	12	0.37	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Chloromethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
cis-1,2-Dichloroethene	1000	NS	0.25	--	--	--	--	--	< 0.00606	--	--	< 0.00489
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Dibromochloromethane	NS	10	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Dibromomethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Dichlorodifluoromethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Ethylbenzene	780	NS	1	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Iodomethane	NS	NS	NS	--	--	--	--	--	< 0.0121	--	--	< 0.00979
Methylene Chloride	1000	12	0.05	--	--	--	--	--	< 0.00606	--	--	< 0.00489
n-Hexane	NS	NS	NS	--	--	--	--	--	**0.0119**	--	--	< 0.00489
Styrene	NS	300	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489

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Tetrachloroethene	300	2	1.3	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Toluene	1000	36	0.7	--	--	--	--	--	< 0.00606	--	--	< 0.00489
trans-1,2-Dichloroethene	1000	NS	0.19	--	--	--	--	--	< 0.00606	--	--	< 0.00489
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Trichloroethene	400	2	0.47	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Trichlorofluoromethane	NS	NS	NS	--	--	--	--	--	< 0.00606	--	--	< 0.00489
m,p-Xylene	1000	0.26	1.6	--	--	--	--	--	< 0.0121	--	--	< 0.00979
o-Xylene	1000	0.26	1.6	--	--	--	--	--	< 0.00606	--	--	< 0.00489
Vinyl acetate	NS	NS	NS	--	--	--	--	--	< 0.0121	--	--	< 0.00979
Vinyl Chloride	27	NS	0.02	--	--	--	--	--	< 0.00606	--	--	< 0.00489
SVOCS (mg/kg = ppm)												
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
1,2-Dichlorobenzene	1000	NS	1.1	--	--	--	--	--	< 0.127	--	--	< 0.110
1,2-Diphenylhydrazine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
1,3-Dichlorobenzene	560	NS	2.4	--	--	--	--	--	< 0.127	--	--	< 0.110
1,4-Dichlorobenzene	250	NS	1.8	--	--	--	--	--	< 0.127	--	--	< 0.110
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,4,5-Trichlorophenol	NS	4	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,4,6-Trichlorophenol	NS	10	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,4-Dichlorophenol	NS	20	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,4-Dimethylphenol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,4-Dinitrophenol	NS	20	0.2	--	--	--	--	--	< 0.127	--	--	< 0.110
2,4-Dinitrotoluene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,6-Dichlorophenol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2,6-Dinitrotoluene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2-Chloronaphthalene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2-Chlorophenol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2-Methylnaphthalene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
2-Methylphenol	1000	NS	0.33	--	--	--	--	--	< 0.127	--	--	< 0.110
2-Nitrophenol	NS	7	0.3	--	--	--	--	--	< 0.127	--	--	< 0.110

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	A-SP1 1-2 10/21/09	A-SP2 0-1 10/21/09	A-SP2 3.5-4.5 10/21/09	B-SP1 1-2 10/21/09	B-SP2 1-2 10/21/09	B-SP2 4.5-5.5 10/21/09	B-SP2 7-8 10/21/09	B-SP3 1-2 10/21/09	B-SP4 1-2 10/21/09
3 & 4-Methylphenol	1000	NS	0.33	--	--	--	--	--	< 0.127	--	--	< 0.110
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
4-Bromophenyl phenyl ether	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
4-Chloro-3-methylphenol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
4-Chlorophenyl phenyl ether	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
4-Nitrophenol	NS	7	0.1	--	--	--	--	--	< 0.127	--	--	< 0.110
Acenaphthene	1000	20	98	--	--	--	--	--	< 0.127	--	--	< 0.110
Acenaphthylene	1000	NS	107	--	--	--	--	--	< 0.127	--	--	< 0.110
Acetophenone	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Aniline	1000	NS	0.33	--	--	--	--	--	< 0.127	--	--	< 0.110
Anthracene	1000	NS	1000	--	--	--	--	--	< 0.127	--	--	< 0.110
Benz(a)anthracene	11	NS	1	--	--	--	--	--	< 0.127	--	--	< 0.110
Benzidine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Benzo(a)pyrene	1.1	2.6	22	--	--	--	--	--	< 0.127	--	--	< 0.110
Benzo(b)fluoranthene	11	NS	1.7	--	--	--	--	--	< 0.127	--	--	< 0.110
Benzo(g,h,i)perylene	1000	NS	1000	--	--	--	--	--	< 0.127	--	--	< 0.110
Benzo(k)fluoranthene	110	NS	1.7	--	--	--	--	--	< 0.127	--	--	< 0.110
Benzyl Alcohol	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Bis(2-chloroethoxy)methane	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
bis-(2-Chloroethyl)ether	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Bis(2-ethylhexyl)phthalate	NS	239	100	--	--	--	--	--	< 0.127	--	--	< 0.110
Butyl benzyl phthalate	NS	NS	100	--	--	--	--	--	< 0.127	--	--	< 0.110
Chrysene	110	NS	1	--	--	--	--	--	< 0.127	--	--	< 0.110
Dibenz(a,h)anthracene	1.1	NS	1000	--	--	--	--	--	< 0.127	--	--	< 0.110
Dibenzofuran	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Diethyl phthalate	NS	100	7.1	--	--	--	--	--	< 0.127	--	--	< 0.110
Dimethyl phthalate	NS	200	7.0	--	--	--	--	--	< 0.127	--	--	< 0.110
Di-n-butyl phthalate	NS	0.014	8.1	--	--	--	--	--	< 0.127	--	--	< 0.110
Di-n-octyl phthalate	NS	100	100	--	--	--	--	--	< 0.127	--	--	< 0.110
Fluoranthene	1000	NS	1000	--	--	--	--	--	< 0.127	--	--	< 0.110

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Fluorene	1000	30	386	--	--	--	--	--	< 0.127	--	--	< 0.110
Hexachlorobenzene	12	NS	3.2	--	--	--	--	--	< 0.127	--	--	< 0.110
Hexachlorobutadiene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Hexachlorocyclopentadiene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Hexachloroethane	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Hexachloropropene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	--	--	--	--	< 0.127	--	--	< 0.110
Isophorone	NS	NS	4.4	--	--	--	--	--	< 0.127	--	--	< 0.110
Naphthalene	1000	NS	12	--	--	--	--	--	< 0.127	--	--	< 0.110
Nitrobenzene	140	40	0.330	--	--	--	--	--	< 0.127	--	--	< 0.110
N-Nitrosodimethylamine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
N-Nitroso-di-n-butylamine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
N-Nitrosodi-n-propylamine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
N-Nitrosodiphenylamine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Pentachlorobenzene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Pentachloronitrobenzene	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110
Pentachlorophenol	55	0.8	0.8	--	--	--	--	--	< 0.127	--	--	< 0.110
Phenanthrene	1000	NS	1000	--	--	--	--	--	< 0.127	--	--	< 0.110
Phenol	1000	30	0.33	--	--	--	--	--	< 0.127	--	--	< 0.110
Pyrene	1000	NS	1000	--	--	--	--	--	< 0.127	--	--	< 0.110
Pyridine	NS	NS	NS	--	--	--	--	--	< 0.127	--	--	< 0.110

Notes:

Indicates concentration above standard for protection of ecological resources

Indicates concentration above standard for protection of groundwater

Indicates concentration above standard for industrial land use

Indicates concentration exceeds two or more standards

* for chrome standards, lower number applies to hexavalent chrome, higher number applies to trivalent chrome

NS No Standard

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Metals (mg/kg = ppm)												
Antimony	NS	5	NS	--	< 4.65	< 5.27	< 5.93	< 5.18	< 5.66	< 5.50	< 5.58	< 3.38
Arsenic	16	13	16	--	**6.01**	**6.11**	**5.33**	**6.52**	**5.38**	**5.82**	**9.65**	**11.6**
Barium	10000	433	820	--	**107**	**119**	**113**	**144**	**91.3**	**96.5**	**126**	**172**
Beryllium	2700	10	47	--	< 0.465	**0.703**	< 0.593	**0.639**	**0.733**	**0.692**	< 0.558	**0.499**
Cadmium	60	4	7.5	--	< 0.929	**1.58**	**1.41**	**1.35**	**1.52**	**1.29**	**1.13**	**1.30**
Chromium *	800/6800	1/41	19/NS	--	**11.4**	**21.8**	**21.0**	**18.3**	**17.0**	**24.9**	**16.3**	**17.7**
Copper	10000	50	1720	--	**12.2**	**25.1**	**25.5**	**30.0**	**17.2**	**31.3**	**22.1**	**31.0**
Lead	3900	63	450	**8.6**	**11.5**	**23.1**	**30.7**	**12.9**	**45.8**	**28.3**	**37.4**	**158**
Nickel	10000	30	130	--	**13.1**	**28.1**	**25.5**	**23.5**	**19.3**	**32.1**	**16.3**	**18.6**
Selenium	6800	3.9	4	--	< 4.65	< 5.27	< 5.93	< 5.18	< 5.66	< 5.50	< 5.58	< 3.38
Silver	6800	2	8.3	--	< 0.929	< 1.05	< 1.19	< 1.04	< 1.13	< 1.10	< 1.12	< 0.676
Thallium	NS	1	NS	--	< 4.65	< 5.27	< 5.93	< 5.18	< 5.66	< 5.50	< 5.58	< 3.38
Zinc	10000	109	2480	--	**58.9**	**76.5**	**64.8**	**74.6**	**59.2**	**75.9**	**53.1**	**99.4**
Mercury	5.7	0.18	0.73	--	< 0.114	< 0.131	< 0.142	< 0.127	< 0.133	< 0.125	< 0.126	**0.319**
VOCS (mg/kg = ppm)												
Acetone	1000	2.2	0.05	--	--	--	--	--	--	--	--	--
2-Butanone (MEK)	1000	100	0.12	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	--	--	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	1000	NS	0.68	--	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	480	NS	0.27	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	1000	NS	0.33	--	--	--	--	--	--	--	--	--
1,1-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,2-Dibromoethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,2-Dichloroethane	60	10	0.02	--	--	--	--	--	--	--	--	--
1,2-Dichloropropane	NS	700	NS	--	--	--	--	--	--	--	--	--
1,3-Dichloropropane	NS	NS	0.3	--	--	--	--	--	--	--	--	--
2,2-Dichloropropane	NS	NS	NS	--	--	--	--	--	--	--	--	--

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2-Chloroethyl vinyl ether	NS	NS	NS	--	--	--	--	--	--	--	--	--
2-Chlorotoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--
2-Hexanone	NS	NS	NS	--	--	--	--	--	--	--	--	--
4-Chlorotoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	--	--	--	--	--	--
Acetonitrile	NS	NS	NS	--	--	--	--	--	--	--	--	--
Acrolein	NS	NS	NS	--	--	--	--	--	--	--	--	--
Acrylonitrile	NS	NS	NS	--	--	--	--	--	--	--	--	--
Allyl chloride	NS	NS	NS	--	--	--	--	--	--	--	--	--
Benzene	89	70	0.06	--	--	--	--	--	--	--	--	--
Bromobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bromochloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bromodichloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bromoform	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bromomethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Carbon Disulfide	1000	NS	2.7	--	--	--	--	--	--	--	--	--
Carbon Tetrachloride	44	NS	0.76	--	--	--	--	--	--	--	--	--
Chlorobenzene	1000	40	1.1	--	--	--	--	--	--	--	--	--
Chloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Chloroform	700	12	0.37	--	--	--	--	--	--	--	--	--
Chloromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene	1000	NS	0.25	--	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Dibromochloromethane	NS	10	NS	--	--	--	--	--	--	--	--	--
Dibromomethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Ethylbenzene	780	NS	1	--	--	--	--	--	--	--	--	--
Iodomethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Methylene Chloride	1000	12	0.05	--	--	--	--	--	--	--	--	--
n-Hexane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Styrene	NS	300	NS	--	--	--	--	--	--	--	--	--

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Tetrachloroethene	300	2	1.3	--	--	--	--	--	--	--	--	--
Toluene	1000	36	0.7	--	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	1000	NS	0.19	--	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Trichloroethene	400	2	0.47	--	--	--	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
m,p-Xylene	1000	0.26	1.6	--	--	--	--	--	--	--	--	--
o-Xylene	1000	0.26	1.6	--	--	--	--	--	--	--	--	--
Vinyl acetate	NS	NS	NS	--	--	--	--	--	--	--	--	--
Vinyl Chloride	27	NS	0.02	--	--	--	--	--	--	--	--	--
SVOCS (mg/kg = ppm)												
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	1000	NS	1.1	--	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	NS	NS	NS	--	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	560	NS	2.4	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	250	NS	1.8	--	--	--	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	NS	4	NS	--	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	NS	10	NS	--	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	NS	20	NS	--	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	NS	NS	NS	--	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	NS	20	0.2	--	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--
2,6-Dichlorophenol	NS	NS	NS	--	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	NS	NS	NS	--	--	--	--	--	--	--	--	--
2-Chloronaphthalene	NS	NS	NS	--	--	--	--	--	--	--	--	--
2-Chlorophenol	NS	NS	NS	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	NS	NS	NS	--	--	--	--	--	--	--	--	--
2-Methylphenol	1000	NS	0.33	--	--	--	--	--	--	--	--	--
2-Nitrophenol	NS	7	0.3	--	--	--	--	--	--	--	--	--

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3 & 4-Methylphenol	1000	NS	0.33	--	--	--	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	--	--	--	--	--	--	--	--
4-Bromophenyl phenyl ether	NS	NS	NS	--	--	--	--	--	--	--	--	--
4-Chloro-3-methylphenol	NS	NS	NS	--	--	--	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	NS	NS	NS	--	--	--	--	--	--	--	--	--
4-Nitrophenol	NS	7	0.1	--	--	--	--	--	--	--	--	--
Acenaphthene	1000	20	98	--	--	--	--	--	--	--	--	--
Acenaphthylene	1000	NS	107	--	--	--	--	--	--	--	--	--
Acetophenone	NS	NS	NS	--	--	--	--	--	--	--	--	--
Aniline	1000	NS	0.33	--	--	--	--	--	--	--	--	--
Anthracene	1000	NS	1000	--	--	--	--	--	--	--	--	--
Benz(a)anthracene	11	NS	1	--	--	--	--	--	--	--	--	--
Benzidine	NS	NS	NS	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	1.1	2.6	22	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	11	NS	1.7	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	1000	NS	1000	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	110	NS	1.7	--	--	--	--	--	--	--	--	--
Benzyl Alcohol	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bis(2-chloroethoxy)methane	NS	NS	NS	--	--	--	--	--	--	--	--	--
bis-(2-Chloroethyl)ether	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	--	--	--	--	--	--	--	--
Bis(2-ethylhexyl)phthalate	NS	239	100	--	--	--	--	--	--	--	--	--
Butyl benzyl phthalate	NS	NS	100	--	--	--	--	--	--	--	--	--
Chrysene	110	NS	1	--	--	--	--	--	--	--	--	--
Dibenz(a,h)anthracene	1.1	NS	1000	--	--	--	--	--	--	--	--	--
Dibenzofuran	NS	NS	NS	--	--	--	--	--	--	--	--	--
Diethyl phthalate	NS	100	7.1	--	--	--	--	--	--	--	--	--
Dimethyl phthalate	NS	200	7.0	--	--	--	--	--	--	--	--	--
Di-n-butyl phthalate	NS	0.014	8.1	--	--	--	--	--	--	--	--	--
Di-n-octyl phthalate	NS	100	100	--	--	--	--	--	--	--	--	--
Fluoranthene	1000	NS	1000	--	--	--	--	--	--	--	--	--

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TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	B-SP4 2-3 10/21/09	B-SP4 4-5 10/21/09	B-SP5 0-1 10/21/09	B-SP6 1-2 10/21/09	B-SP6 4.5-5.5 10/21/09	B-SP7 0-1 10/22/09	B-SP7 2-3.5 10/22/09	B-SP8 0-1 10/22/09	B-SP9 1-2.5 10/22/09
Fluorene	1000	30	386	--	--	--	--	--	--	--	--	--
Hexachlorobenzene	12	NS	3.2	--	--	--	--	--	--	--	--	--
Hexachlorobutadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Hexachlorocyclopentadiene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Hexachloroethane	NS	NS	NS	--	--	--	--	--	--	--	--	--
Hexachloropropene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	--	--	--	--	--	--	--	--
Isophorone	NS	NS	4.4	--	--	--	--	--	--	--	--	--
Naphthalene	1000	NS	12	--	--	--	--	--	--	--	--	--
Nitrobenzene	140	40	0.330	--	--	--	--	--	--	--	--	--
N-Nitrosodimethylamine	NS	NS	NS	--	--	--	--	--	--	--	--	--
N-Nitroso-di-n-butylamine	NS	NS	NS	--	--	--	--	--	--	--	--	--
N-Nitrosodi-n-propylamine	NS	NS	NS	--	--	--	--	--	--	--	--	--
N-Nitrosodiphenylamine	NS	NS	NS	--	--	--	--	--	--	--	--	--
Pentachlorobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Pentachloronitrobenzene	NS	NS	NS	--	--	--	--	--	--	--	--	--
Pentachlorophenol	55	0.8	0.8	--	--	--	--	--	--	--	--	--
Phenanthrene	1000	NS	1000	--	--	--	--	--	--	--	--	--
Phenol	1000	30	0.33	--	--	--	--	--	--	--	--	--
Pyrene	1000	NS	1000	--	--	--	--	--	--	--	--	--
Pyridine	NS	NS	NS	--	--	--	--	--	--	--	--	--

Notes:

	Indicates concentration above standc
	Indicates concentration above standc
	Indicates concentration above standc
	Indicates concentration exceeds two
*	for chrome standards, lower number
NS	No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	B-SP11 0-1 10/22/09	B-SP11 1-2 10/22/09	B-SP11 2-3 10/22/09	B-SP11 3-4 10/22/09	C-SP1 0-1 10/22/09	C-SP1 DUP 0-1 10/22/09	C-SP1 3-4 10/22/09	C-SP2 0-1 10/21/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 5.26	--	--	< 4.64	< 5.99	< 5.67	< 5.48	< 5.02
Arsenic	16	13	16	**13.1**	--	--	**7.49**	**5.89**	**6.65**	**5.87**	**7.87**
Barium	10000	433	820	**255**	--	--	**140**	**177**	**151**	**99.4**	**154**
Beryllium	2700	10	47	< 0.526	--	--	**0.909**	< 0.599	< 0.567	< 0.548	0.504
Cadmium	60	4	7.5	**1.57**	--	--	**1.63**	< 1.20	**1.32**	**1.24**	**2.05**
Chromium *	800/6800	1/41	19/NS	**17.7**	--	--	**22.2**	**16.8**	**20.8**	**51.6**	**29.4**
Copper	10000	50	1720	**42.3**	--	--	**29.7**	**27.0**	**28.0**	**28.4**	**203**
Lead	3900	63	450	**113**	--	**15.5**	**18.4**	**56.7**	**66.0**	**116**	**305**
Nickel	10000	30	130	< 0.143	--	--	< 0.127	**21.0**	**31.5**	**135**	**20.0**
Selenium	6800	3.9	4	**20.9**	--	<6.42	**28.3**	< 5.99	< 5.67	< 5.48	< 5.02
Silver	6800	2	8.3	< 5.26	--	--	< 4.64	< 1.20	< 1.13	< 1.10	< 1.00
Thallium	NS	1	NS	< 1.05	--	--	< 0.927	< 5.99	< 5.67	< 5.48	< 5.02
Zinc	10000	109	2480	< 5.26	--	--	< 4.64	**100**	**99.8**	**102**	**536**
Mercury	5.7	0.18	0.73	**156**	--	<0.111	**75.8**	< 0.119	< 0.106	< 0.111	**1.52**
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	< 0.0573	--	--	--	--	--	--
2-Butanone (MEK)	1000	100	0.12	--	< 0.0229	--	--	--	--	--	--
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	< 0.0115	--	--	--	--	--	--
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.00573	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.00573	--	--	--	--	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
1,1-Dichloroethane	480	NS	0.27	--	< 0.00573	--	--	--	--	--	--
1,1-Dichloroethene	1000	NS	0.33	--	< 0.00573	--	--	--	--	--	--
1,1-Dichloropropene	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
1,2-Dibromoethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
1,2-Dichloroethane	60	10	0.02	--	< 0.00573	--	--	--	--	--	--
1,2-Dichloropropane	NS	700	NS	--	< 0.00573	--	--	--	--	--	--
1,3-Dichloropropane	NS	NS	0.3	--	< 0.00573	--	--	--	--	--	--
2,2-Dichloropropane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	B-SP11 0-1 10/22/09	B-SP11 1-2 10/22/09	B-SP11 2-3 10/22/09	B-SP11 3-4 10/22/09	C-SP1 0-1 10/22/09	C-SP1 DUP 0-1 10/22/09	C-SP1 3-4 10/22/09	C-SP2 0-1 10/21/09
2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.0286	--	--	--	--	--	--
2-Chlorotoluene	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
2-Hexanone	NS	NS	NS	--	< 0.0229	--	--	--	--	--	--
4-Chlorotoluene	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0229	--	--	--	--	--	--
Acetonitrile	NS	NS	NS	--	< 0.0458	--	--	--	--	--	--
Acrolein	NS	NS	NS	--	< 0.0229	--	--	--	--	--	--
Acrylonitrile	NS	NS	NS	--	< 0.0229	--	--	--	--	--	--
Allyl chloride	NS	NS	NS	--	< 0.0115	--	--	--	--	--	--
Benzene	89	70	0.06	--	< 0.00573	--	--	--	--	--	--
Bromobenzene	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Bromochloromethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Bromodichloromethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Bromoform	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Bromomethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Carbon Disulfide	1000	NS	2.7	--	< 0.0229	--	--	--	--	--	--
Carbon Tetrachloride	44	NS	0.76	--	< 0.00573	--	--	--	--	--	--
Chlorobenzene	1000	40	1.1	--	< 0.00573	--	--	--	--	--	--
Chloroethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Chloroform	700	12	0.37	--	< 0.00573	--	--	--	--	--	--
Chloromethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.00573	--	--	--	--	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Dibromochloromethane	NS	10	NS	--	< 0.00573	--	--	--	--	--	--
Dibromomethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Dichlorodifluoromethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Ethylbenzene	780	NS	1	--	< 0.00573	--	--	--	--	--	--
Iodomethane	NS	NS	NS	--	< 0.0115	--	--	--	--	--	--
Methylene Chloride	1000	12	0.05	--	**0.00917**	--	--	--	--	--	--
n-Hexane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Styrene	NS	300	NS	--	< 0.00573	--	--	--	--	--	--

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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	B-SP11 0-1 10/22/09	B-SP11 1-2 10/22/09	B-SP11 2-3 10/22/09	B-SP11 3-4 10/22/09	C-SP1 0-1 10/22/09	C-SP1 DUP 0-1 10/22/09	C-SP1 3-4 10/22/09	C-SP2 0-1 10/21/09
Tetrachloroethene	300	2	1.3	--	< 0.00573	--	--	--	--	--	--
Toluene	1000	36	0.7	--	< 0.00573	--	--	--	--	--	--
trans-1,2-Dichloroethene	1000	NS	0.19	--	< 0.00573	--	--	--	--	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
Trichloroethene	400	2	0.47	--	< 0.00573	--	--	--	--	--	--
Trichlorofluoromethane	NS	NS	NS	--	< 0.00573	--	--	--	--	--	--
m,p-Xylene	1000	0.26	1.6	--	< 0.0115	--	--	--	--	--	--
o-Xylene	1000	0.26	1.6	--	< 0.00573	--	--	--	--	--	--
Vinyl acetate	NS	NS	NS	--	< 0.0115	--	--	--	--	--	--
Vinyl Chloride	27	NS	0.02	--	< 0.00573	--	--	--	--	--	--
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.114	--	--	--	--	--	--
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.114	--	--	--	--	--	--
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.114	--	--	--	--	--	--
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.114	--	--	--	--	--	--
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.114	--	--	--	--	--	--
2,4-Dichlorophenol	NS	20	NS	--	< 0.114	--	--	--	--	--	--
2,4-Dimethylphenol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2,4-Dinitrophenol	NS	20	0.2	--	< 0.114	--	--	--	--	--	--
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2,6-Dichlorophenol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2-Chloronaphthalene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2-Chlorophenol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2-Methylnaphthalene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
2-Methylphenol	1000	NS	0.33	--	< 0.114	--	--	--	--	--	--
2-Nitrophenol	NS	7	0.3	--	< 0.114	--	--	--	--	--	--

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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	B-SP11 0-1 10/22/09	B-SP11 1-2 10/22/09	B-SP11 2-3 10/22/09	B-SP11 3-4 10/22/09	C-SP1 0-1 10/22/09	C-SP1 DUP 0-1 10/22/09	C-SP1 3-4 10/22/09	C-SP2 0-1 10/21/09
3 & 4-Methylphenol	1000	NS	0.33	--	< 0.114	--	--	--	--	--	--
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
4-Nitrophenol	NS	7	0.1	--	< 0.114	--	--	--	--	--	--
Acenaphthene	1000	20	98	--	< 0.114	--	--	--	--	--	--
Acenaphthylene	1000	NS	107	--	< 0.114	--	--	--	--	--	--
Acetophenone	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Aniline	1000	NS	0.33	--	< 0.114	--	--	--	--	--	--
Anthracene	1000	NS	1000	--	< 0.114	--	--	--	--	--	--
Benz(a)anthracene	11	NS	1	--	< 0.114	--	--	--	--	--	--
Benzidine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Benzo(a)pyrene	1.1	2.6	22	--	< 0.114	--	--	--	--	--	--
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.114	--	--	--	--	--	--
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.114	--	--	--	--	--	--
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.114	--	--	--	--	--	--
Benzyl Alcohol	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.114	--	--	--	--	--	--
Butyl benzyl phthalate	NS	NS	100	--	< 0.114	--	--	--	--	--	--
Chrysene	110	NS	1	--	< 0.114	--	--	--	--	--	--
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.114	--	--	--	--	--	--
Dibenzofuran	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Diethyl phthalate	NS	100	7.1	--	< 0.114	--	--	--	--	--	--
Dimethyl phthalate	NS	200	7.0	--	< 0.114	--	--	--	--	--	--
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.114	--	--	--	--	--	--
Di-n-octyl phthalate	NS	100	100	--	< 0.114	--	--	--	--	--	--
Fluoranthene	1000	NS	1000	--	< 0.114	--	--	--	--	--	--

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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	B-SP11 0-1 10/22/09	B-SP11 1-2 10/22/09	B-SP11 2-3 10/22/09	B-SP11 3-4 10/22/09	C-SP1 0-1 10/22/09	C-SP1 DUP 0-1 10/22/09	C-SP1 3-4 10/22/09	C-SP2 0-1 10/21/09
Fluorene	1000	30	386	--	< 0.114	--	--	--	--	--	--
Hexachlorobenzene	12	NS	3.2	--	< 0.114	--	--	--	--	--	--
Hexachlorobutadiene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Hexachloroethane	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Hexachloropropene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.114	--	--	--	--	--	--
Isophorone	NS	NS	4.4	--	< 0.114	--	--	--	--	--	--
Naphthalene	1000	NS	12	--	< 0.114	--	--	--	--	--	--
Nitrobenzene	140	40	0.330	--	< 0.114	--	--	--	--	--	--
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Pentachlorobenzene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Pentachloronitrobenzene	NS	NS	NS	--	< 0.114	--	--	--	--	--	--
Pentachlorophenol	55	0.8	0.8	--	< 0.114	--	--	--	--	--	--
Phenanthrene	1000	NS	1000	--	< 0.114	--	--	--	--	--	--
Phenol	1000	30	0.33	--	< 0.114	--	--	--	--	--	--
Pyrene	1000	NS	1000	--	< 0.114	--	--	--	--	--	--
Pyridine	NS	NS	NS	--	< 0.114	--	--	--	--	--	--

Notes:
- Indicates concentration above standc
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- Indicates concentration exceeds two
- * for chrome standards, lower number
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ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP2 1.5-2.5 10/21/09	C-SP3 0-1 10/21/09	C-SP3 1-3 10/21/09	C-SP4 0-1 10/21/09	C-SP4 1-2 10/21/09	C-SP4 2-3 10/21/09	C-SP5 0-1 10/21/09	C-SP5 1-2 10/21/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 6.13	< 5.93	< 5.24	< 5.29	--	< 4.09	< 6.32	--
Arsenic	16	13	16	**3.87**	**4.40**	**2.81**	**3.07**	--	**4.75**	**6.14**	--
Barium	10000	433	820	**139**	**148**	**162**	**82.6**	--	**129**	**230**	--
Beryllium	2700	10	47	< 0.613	< 0.593	< 0.524	< 0.529	--	**0.723**	< 0.632	--
Cadmium	60	4	7.5	< 1.23	< 1.19	1.08	< 1.06	--	**1.78**	**5.62**	--
Chromium *	800/6800	1/41	19/NS	**25.0**	**11.3**	**17.2**	**16.4**	--	**32.4**	**103**	--
Copper	10000	50	1720	**25.4**	**50.8**	**15.3**	**20.7**	--	**28.7**	**778**	--
Lead	3900	63	450	**28.1**	**47.7**	**7.26**	**14.9**	--	**14.1**	**157**	--
Nickel	10000	30	130	**21.9**	**13.4**	**19.6**	**16.1**	--	**32.9**	**19.2**	--
Selenium	6800	3.9	4	< 6.13	< 5.93	< 5.24	< 5.29	--	< 4.09	< 6.32	--
Silver	6800	2	8.3	< 1.23	< 1.19	< 1.05	< 1.06	--	< 0.819	< 1.26	--
Thallium	NS	1	NS	< 6.13	< 5.93	< 5.24	< 5.29	--	< 4.09	< 6.32	--
Zinc	10000	109	2480	**91.2**	**251**	**54.0**	**107**	--	**75.3**	**53100**	--
Mercury	5.7	0.18	0.73	**0.0827**	< 0.137	< 0.123	< 0.113	--	< 0.112	**1.52**	--
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	--	< 0.0540	--	< 0.0502	--	--	< 0.0371
2-Butanone (MEK)	1000	100	0.12	--	--	< 0.0216	--	< 0.0201	--	--	< 0.00928
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	--	< 0.0108	--	< 0.0100	--	--	< 0.00464
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,1,1-Trichloroethane	1000	NS	0.68	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,1,2-Trichloroethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,1-Dichloroethane	480	NS	0.27	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,1-Dichloroethene	1000	NS	0.33	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,1-Dichloropropene	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	**0.00582**
1,2-Dibromoethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,2-Dichloroethane	60	10	0.02	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
1,2-Dichloropropane	NS	700	NS	--	--	< 0.00540	--	**0.0122**	--	--	**0.0721**
1,3-Dichloropropane	NS	NS	0.3	--	--	< 0.00540	--	**0.0979**	--	--	< 0.00464
2,2-Dichloropropane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.0186

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP2 1.5-2.5 10/21/09	C-SP3 0-1 10/21/09	C-SP3 1-3 10/21/09	C-SP4 0-1 10/21/09	C-SP4 1-2 10/21/09	C-SP4 2-3 10/21/09	C-SP5 0-1 10/21/09	C-SP5 1-2 10/21/09
2-Chloroethyl vinyl ether	NS	NS	NS	--	--	< 0.0108	--	< 0.0100	--	--	< 0.00464
2-Chlorotoluene	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.0186
2-Hexanone	NS	NS	NS	--	--	< 0.0216	--	< 0.0201	--	--	**49.3**
4-Chlorotoluene	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.0186
4-Methyl-2-pentanone	NS	NS	NS	--	--	< 0.0216	--	< 0.0201	--	--	**0.135**
Acetonitrile	NS	NS	NS	--	--	< 0.0432	--	< 0.0402	--	--	< 0.0186
Acrolein	NS	NS	NS	--	--	< 0.0216	--	< 0.0201	--	--	< 0.0186
Acrylonitrile	NS	NS	NS	--	--	< 0.0216	--	< 0.0201	--	--	**0.0114**
Allyl chloride	NS	NS	NS	--	--	< 0.0108	--	< 0.0100	--	--	< 0.00464
Benzene	89	70	0.06	--	--	< 0.00540	--	< 0.00502	--	--	**0.0938**
Bromobenzene	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Bromochloromethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Bromodichloromethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Bromoform	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Bromomethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	**0.0206**
Carbon Disulfide	1000	NS	2.7	--	--	< 0.0216	--	< 0.0201	--	--	< 0.00464
Carbon Tetrachloride	44	NS	0.76	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Chlorobenzene	1000	40	1.1	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Chloroethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Chloroform	700	12	0.37	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Chloromethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	**0.0541**
cis-1,2-Dichloroethene	1000	NS	0.25	--	--	< 0.00540	--	**0.036**	--	--	< 0.00464
cis-1,3-Dichloropropene	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Dibromochloromethane	NS	10	NS	--	--	< 0.00540	--	< 0.00502	--	--	**49**
Dibromomethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Dichlorodifluoromethane	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Ethylbenzene	780	NS	1	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00928
Iodomethane	NS	NS	NS	--	--	< 0.0108	--	< 0.0100	--	--	< 0.00928
Methylene Chloride	1000	12	0.05	--	--	**0.01**	--	**0.0063**	--	--	**0.0811**
n-Hexane	NS	NS	NS	--	--	**0.00889**	--	**0.0299**	--	--	< 0.00464
Styrene	NS	300	NS	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP2 1.5-2.5 10/21/09	C-SP3 0-1 10/21/09	C-SP3 1-3 10/21/09	C-SP4 0-1 10/21/09	C-SP4 1-2 10/21/09	C-SP4 2-3 10/21/09	C-SP5 0-1 10/21/09	C-SP5 1-2 10/21/09
Tetrachloroethene	300	2	1.3	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Toluene	1000	36	0.7	--	--	< 0.00540	--	< 0.00502	--	--	**47.9**
trans-1,2-Dichloroethene	1000	NS	0.19	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
trans-1,3-Dichloropropene	NS	NS	NS	--	--	< 0.00540	--	< 0.00502	--	--	**0.0743**
Trichloroethene	400	2	0.47	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Trichlorofluoromethane	NS	NS	NS	--	--	< 0.00540	--	< 0.0100	--	--	< 0.00928
m,p-Xylene	1000	0.26	1.6	--	--	< 0.0108	--	< 0.0100	--	--	< 0.00928
o-Xylene	1000	0.26	1.6	--	--	< 0.00540	--	< 0.00502	--	--	< 0.00464
Vinyl acetate	NS	NS	NS	--	--	< 0.0108	--	**0.00988**	--	--	< 0.00464
Vinyl Chloride	27	NS	0.02	--	--	< 0.00540	--	**0.252**	--	--	**1.12**
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
1,2-Dichlorobenzene	1000	NS	1.1	--	--	< 0.107	--	< 0.104	--	--	< 0.111
1,2-Diphenylhydrazine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
1,3-Dichlorobenzene	560	NS	2.4	--	--	< 0.107	--	< 0.104	--	--	< 0.111
1,4-Dichlorobenzene	250	NS	1.8	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,4,5-Trichlorophenol	NS	4	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,4,6-Trichlorophenol	NS	10	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,4-Dichlorophenol	NS	20	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,4-Dimethylphenol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,4-Dinitrophenol	NS	20	0.2	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,4-Dinitrotoluene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,6-Dichlorophenol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2,6-Dinitrotoluene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2-Chloronaphthalene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2-Chlorophenol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2-Methylnaphthalene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2-Methylphenol	1000	NS	0.33	--	--	< 0.107	--	< 0.104	--	--	< 0.111
2-Nitrophenol	NS	7	0.3	--	--	< 0.107	--	< 0.104	--	--	< 0.111

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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3 & 4-Methylphenol	1000	NS	0.33	--	--	< 0.107	--	< 0.104	--	--	< 0.111
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
4-Bromophenyl phenyl ether	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
4-Chloro-3-methylphenol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
4-Chlorophenyl phenyl ether	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
4-Nitrophenol	NS	7	0.1	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Acenaphthene	1000	20	98	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Acenaphthylene	1000	NS	107	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Acetophenone	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Aniline	1000	NS	0.33	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Anthracene	1000	NS	1000	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benz(a)anthracene	11	NS	1	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benzidine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benzo(a)pyrene	1.1	2.6	22	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benzo(b)fluoranthene	11	NS	1.7	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benzo(g,h,i)perylene	1000	NS	1000	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benzo(k)fluoranthene	110	NS	1.7	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Benzyl Alcohol	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Bis(2-chloroethoxy)methane	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
bis-(2-Chloroethyl)ether	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Bis(2-ethylhexyl)phthalate	NS	239	100	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Butyl benzyl phthalate	NS	NS	100	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Chrysene	110	NS	1	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Dibenz(a,h)anthracene	1.1	NS	1000	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Dibenzofuran	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Diethyl phthalate	NS	100	7.1	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Dimethyl phthalate	NS	200	7.0	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Di-n-butyl phthalate	NS	0.014	8.1	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Di-n-octyl phthalate	NS	100	100	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Fluoranthene	1000	NS	1000	--	--	< 0.107	--	< 0.104	--	--	< 0.111

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Fluorene	1000	30	386	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Hexachlorobenzene	12	NS	3.2	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Hexachlorobutadiene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Hexachlorocyclopentadiene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Hexachloroethane	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Hexachloropropene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Isophorone	NS	NS	4.4	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Naphthalene	1000	NS	12	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Nitrobenzene	140	40	0.330	--	--	< 0.107	--	< 0.104	--	--	< 0.111
N-Nitrosodimethylamine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
N-Nitroso-di-n-butylamine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
N-Nitrosodi-n-propylamine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
N-Nitrosodiphenylamine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Pentachlorobenzene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Pentachloronitrobenzene	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Pentachlorophenol	55	0.8	0.8	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Phenanthrene	1000	NS	1000	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Phenol	1000	30	0.33	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Pyrene	1000	NS	1000	--	--	< 0.107	--	< 0.104	--	--	< 0.111
Pyridine	NS	NS	NS	--	--	< 0.107	--	< 0.104	--	--	< 0.111

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP6 0-1 10/22/09	C-SP6 1-2 10/22/09	C-SP7 0-1 10/22/09	C-SP7 1-3 10/22/09	C-SP8 0-1 10/22/09	C-SP8 1-2 10/22/09	C-SP8 2-3 10/22/09	C-SP9 0-1 10/21/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 8.33	--	< 5.20	< 4.73	< 4.79	--	--	< 5.77
Arsenic	16	13	16	**8.91**	--	**1.68**	**2.26**	**5.11**	--	--	**6.53**
Barium	10000	433	820	**388**	--	**157**	**158**	**157**	--	--	**1080**
Beryllium	2700	10	47	< 0.833	--	< 0.520	0.812	< 0.479	--	--	< 0.577
Cadmium	60	4	7.5	**25.6**	--	< 1.04	**1.74**	**2.06**	--	--	**2.51**
Chromium *	800/6800	1/41	19/NS	**172**	--	**26.4**	**34.3**	**26.2**	--	--	**24.6**
Copper	10000	50	1720	**1150**	--	**154**	**20.8**	**596**	--	--	**233**
Lead	3900	63	450	**26.0**	--	**79.9**	**9.06**	**155**	--	**18.9**	**226**
Nickel	10000	30	130	< 8.33	--	**9.87**	**32.7**	**19.8**	--	--	**22.7**
Selenium	6800	3.9	4	< 1.67	--	< 5.20	< 4.73	< 4.79	--	--	< 5.77
Silver	6800	2	8.3	< 8.33	--	< 1.04	< 0.945	< 0.959	--	--	< 1.15
Thallium	NS	1	NS	**32900**	--	< 5.20	< 4.73	< 4.79	--	--	< 5.77
Zinc	10000	109	2480	**299000**	--	**17400**	**90.7**	**422**	--	--	**285**
Mercury	5.7	0.18	0.73	**1.08**	--	**1.89**	< 0.116	**1.27**	--	--	**0.188**
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	**0.126**	--	**0.0469**	--	< 0.0520	--	--
2-Butanone (MEK)	1000	100	0.12	--	< 0.00442	--	< 0.00442	--	< 0.0208	--	--
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	**0.00851**	--	< 0.00442	--	< 0.0104	--	--
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,1-Dichloroethane	480	NS	0.27	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,1-Dichloroethene	1000	NS	0.33	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,1-Dichloropropene	NS	NS	NS	--	< 0.00442	--	**0.0125**	--	< 0.00520	--	--
1,2-Dibromoethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,2-Dichloroethane	60	10	0.02	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,2-Dichloropropane	NS	700	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
1,3-Dichloropropane	NS	NS	0.3	--	< 0.0177	--	< 0.0177	--	**0.0141**	--	--
2,2-Dichloropropane	NS	NS	NS	--	< 0.00884	--	< 0.00884	--	< 0.00520	--	--

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2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.0177	--	< 0.0177	--	< 0.0104	--	--
2-Chlorotoluene	NS	NS	NS	--	**35**	--	**28.2**	--	< 0.00520	--	--
2-Hexanone	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.0208	--	--
4-Chlorotoluene	NS	NS	NS	--	< 0.0442	--	< 0.0442	--	< 0.00520	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0354	--	< 0.0353	--	< 0.0208	--	--
Acetonitrile	NS	NS	NS	--	< 0.0177	--	< 0.0177	--	< 0.0416	--	--
Acrolein	NS	NS	NS	--	**0.0194**	--	< 0.00884	--	< 0.0208	--	--
Acrylonitrile	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.0208	--	--
Allyl chloride	NS	NS	NS	--	**0.0198**	--	< 0.00442	--	< 0.0104	--	--
Benzene	89	70	0.06	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Bromobenzene	NS	NS	NS	--	< 0.00442	--	**0.00715**	--	< 0.00520	--	--
Bromochloromethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Bromodichloromethane	NS	NS	NS	--	**0.00599**	--	< 0.00442	--	< 0.00520	--	--
Bromoform	NS	NS	NS	--	< 0.0177	--	< 0.0177	--	< 0.00520	--	--
Bromomethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Carbon Disulfide	1000	NS	2.7	--	< 0.00442	--	< 0.00442	--	< 0.0208	--	--
Carbon Tetrachloride	44	NS	0.76	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Chlorobenzene	1000	40	1.1	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Chloroethane	NS	NS	NS	--	**0.0133**	--	< 0.00442	--	< 0.00520	--	--
Chloroform	700	12	0.37	--	**0.0117**	--	**0.00637**	--	< 0.00520	--	--
Chloromethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	**59.5**	--	**63.9**	--	< 0.00520	--	--
Dibromochloromethane	NS	10	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Dibromomethane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Dichlorodifluoromethane	NS	NS	NS	--	< 0.00884	--	< 0.00884	--	< 0.00520	--	--
Ethylbenzene	780	NS	1	--	< 0.00884	--	< 0.00884	--	< 0.00520	--	--
Iodomethane	NS	NS	NS	--	< 0.00884	--	< 0.00884	--	< 0.0104	--	--
Methylene Chloride	1000	12	0.05	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
n-Hexane	NS	NS	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Styrene	NS	300	NS	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Tetrachloroethene	300	2	1.3	--	**46.2**	--	**40.8**	--	< 0.00520	--	--
Toluene	1000	36	0.7	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
trans-1,2-Dichloroethene	1000	NS	0.19	--	**0.125**	--	< 0.00442	--	< 0.00520	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.00442	--	< 0.00884	--	< 0.00520	--	--
Trichloroethene	400	2	0.47	--	< 0.00884	--	< 0.00442	--	< 0.00520	--	--
Trichlorofluoromethane	NS	NS	NS	--	< 0.00442	--	**1.98**	--	< 0.00520	--	--
m,p-Xylene	1000	0.26	1.6	--	< 0.00442	--	**0.00527**	--	< 0.0104	--	--
o-Xylene	1000	0.26	1.6	--	< 0.00442	--	< 0.00442	--	< 0.00520	--	--
Vinyl acetate	NS	NS	NS	--	**0.248**	--	**0.351**	--	< 0.0104	--	--
Vinyl Chloride	27	NS	0.02	--	**21.4**	--	**1.4**	--	< 0.00520	--	--
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.109	--	< 0.104	--	< 0.110	--	--
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.109	--	< 0.104	--	< 0.110	--	--
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,4-Dichlorophenol	NS	20	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,4-Dimethylphenol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,4-Dinitrophenol	NS	20	0.2	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,6-Dichlorophenol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2-Chloronaphthalene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2-Chlorophenol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2-Methylnaphthalene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2-Methylphenol	1000	NS	0.33	--	< 0.109	--	< 0.104	--	< 0.110	--	--
2-Nitrophenol	NS	7	0.3	--	< 0.109	--	< 0.104	--	< 0.110	--	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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3 & 4-Methylphenol	1000	NS	0.33	--	< 0.109	--	< 0.104	--	< 0.110	--	--
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
4-Nitrophenol	NS	7	0.1	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Acenaphthene	1000	20	98	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Acenaphthylene	1000	NS	107	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Acetophenone	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Aniline	1000	NS	0.33	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Anthracene	1000	NS	1000	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benz(a)anthracene	11	NS	1	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benzidine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benzo(a)pyrene	1.1	2.6	22	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Benzyl Alcohol	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Butyl benzyl phthalate	NS	NS	100	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Chrysene	110	NS	1	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Dibenzofuran	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Diethyl phthalate	NS	100	7.1	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Dimethyl phthalate	NS	200	7.0	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Di-n-octyl phthalate	NS	100	100	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Fluoranthene	1000	NS	1000	--	< 0.109	--	< 0.104	--	< 0.110	--	--

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Fluorene	1000	30	386	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Hexachlorobenzene	12	NS	3.2	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Hexachlorobutadiene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Hexachloroethane	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Hexachloropropene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Isophorone	NS	NS	4.4	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Naphthalene	1000	NS	12	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Nitrobenzene	140	40	0.330	--	< 0.109	--	< 0.104	--	< 0.110	--	--
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Pentachlorobenzene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Pentachloronitrobenzene	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Pentachlorophenol	55	0.8	0.8	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Phenanthrene	1000	NS	1000	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Phenol	1000	30	0.33	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Pyrene	1000	NS	1000	--	< 0.109	--	< 0.104	--	< 0.110	--	--
Pyridine	NS	NS	NS	--	< 0.109	--	< 0.104	--	< 0.110	--	--

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP10 0-1 10/21/09	C-SP11 0-1 10/22/09	C-SP12 0-1 10/22/09	C-SP13 0-2 10/22/09	C-SP14 0-1 10/22/09	C-SP14 1-2 10/22/09	C-SP15 0-1 10/22/09	C-SP15 1-2 10/22/09	C-SP15 3-4 10/22/09
Metals (mg/kg = ppm)												
Antimony	NS	5	NS	< 5.10	< 4.67	< 4.72	< 4.57	< 4.57	--	< 4.38	--	< 4.70
Arsenic	16	13	16	**5.57**	**7.82**	**3.34**	**17.7**	**2.38**	--	**7.91**	--	**10.5**
Barium	10000	433	820	**272**	**141**	**238**	**164**	**127**	--	**304**	--	**67.0**
Beryllium	2700	10	47	< 0.510	**0.524**	< 0.472	< 0.457	< 0.457	--	**0.594**	--	< 0.470
Cadmium	60	4	7.5	< 1.02	**1.27**	< 0.944	< 0.915	< 0.915	--	**1.37**	--	**1.48**
Chromium *	800/6800	1/41	19/NS	**6.85**	**18.4**	**6.57**	**8.89**	**10.2**	--	**22.9**	--	**13.7**
Copper	10000	50	1720	**16.3**	**28.0**	**15.4**	**13.5**	**16.7**	--	**44.6**	--	**34.1**
Lead	3900	63	450	**35.6**	**52.3**	**11.3**	**24.4**	**129**	**75.7**	**337**	--	**264**
Nickel	10000	30	130	**9.01**	**19.6**	**10.4**	**9.60**	**9.51**	--	**20.9**	--	**16.7**
Selenium	6800	3.9	4	< 5.10	< 4.67	< 4.72	< 4.57	< 4.57	--	< 4.38	--	< 4.70
Silver	6800	2	8.3	< 1.02	< 0.935	< 0.944	< 0.915	< 0.915	--	< 0.875	--	< 0.941
Thallium	NS	1	NS	< 5.10	< 4.67	< 4.72	< 4.57	< 4.57	--	< 4.38	--	< 4.70
Zinc	10000	109	2480	**1020**	**74.2**	**73.4**	**75.5**	**172**	--	**103**	--	**71.8**
Mercury	5.7	0.18	0.73	< 0.120	< 0.125	**0.128**	< 0.0948	**0.149**	--	**0.236**	--	**0.781**
VOCS (mg/kg = ppm)												
Acetone	1000	2.2	0.05	--	--	--	< 0.0490	--		--	< 0.0568	--
2-Butanone (MEK)	1000	100	0.12	--	--	--	< 0.0196	--		--	< 0.0227	--
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	--	--	< 0.00980	--		--	< 0.0114	--
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
1,1,1-Trichloroethane	1000	NS	0.68	--	--	--	< 0.00490	--		--	< 0.00568	--
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	--	--	< 0.00490	--		--	< 0.00568	--
1,1,2-Trichloroethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
1,1-Dichloroethane	480	NS	0.27	--	--	--	< 0.00490	--		--	< 0.00568	--
1,1-Dichloroethene	1000	NS	0.33	--	--	--	< 0.00490	--		--	< 0.00568	--
1,1-Dichloropropene	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
1,2-Dibromoethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
1,2-Dichloroethane	60	10	0.02	--	--	--	< 0.00490	--		--	< 0.00568	--
1,2-Dichloropropane	NS	700	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
1,3-Dichloropropane	NS	NS	0.3	--	--	--	< 0.00490	--		--	< 0.00568	--
2,2-Dichloropropane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--

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2-Chloroethyl vinyl ether	NS	NS	NS	--	--	--	< 0.0245	--		--	< 0.0284	--
2-Chlorotoluene	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
2-Hexanone	NS	NS	NS	--	--	--	< 0.0196	--		--	< 0.0227	--
4-Chlorotoluene	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
4-Methyl-2-pentanone	NS	NS	NS	--	--	--	< 0.0196	--		--	< 0.0227	--
Acetonitrile	NS	NS	NS	--	--	--	< 0.0392	--		--	< 0.0455	--
Acrolein	NS	NS	NS	--	--	--	< 0.0196	--		--	< 0.0227	--
Acrylonitrile	NS	NS	NS	--	--	--	< 0.0196	--		--	< 0.0227	--
Allyl chloride	NS	NS	NS	--	--	--	< 0.00980	--		--	< 0.0114	--
Benzene	89	70	0.06	--	--	--	< 0.00490	--		--	< 0.00568	--
Bromobenzene	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Bromochloromethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Bromodichloromethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Bromoform	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Bromomethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Carbon Disulfide	1000	NS	2.7	--	--	--	< 0.0196	--		--	< 0.0227	--
Carbon Tetrachloride	44	NS	0.76	--	--	--	< 0.00490	--		--	< 0.00568	--
Chlorobenzene	1000	40	1.1	--	--	--	< 0.00490	--		--	< 0.00568	--
Chloroethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Chloroform	700	12	0.37	--	--	--	< 0.00490	--		--	< 0.00568	--
Chloromethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
cis-1,2-Dichloroethene	1000	NS	0.25	--	--	--	< 0.00490	--		--	< 0.00568	--
cis-1,3-Dichloropropene	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Dibromochloromethane	NS	10	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Dibromomethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Dichlorodifluoromethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Ethylbenzene	780	NS	1	--	--	--	< 0.00490	--		--	< 0.00568	--
Iodomethane	NS	NS	NS	--	--	--	< 0.00980	--		--	< 0.0114	--
Methylene Chloride	1000	12	0.05	--	--	--	**0.011**	--		--	**0.00885**	--
n-Hexane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Styrene	NS	300	NS	--	--	--	< 0.00490	--		--	< 0.00568	--

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TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP10 0-1 10/21/09	C-SP11 0-1 10/22/09	C-SP12 0-1 10/22/09	C-SP13 0-2 10/22/09	C-SP14 0-1 10/22/09	C-SP14 1-2 10/22/09	C-SP15 0-1 10/22/09	C-SP15 1-2 10/22/09	C-SP15 3-4 10/22/09
Tetrachloroethene	300	2	1.3	--	--	--	< 0.00490	--		--	**0.0164**	--
Toluene	1000	36	0.7	--	--	--	0.00529	--		--	< 0.00568	--
trans-1,2-Dichloroethene	1000	NS	0.19	--	--	--	< 0.00490	--		--	< 0.00568	--
trans-1,3-Dichloropropene	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
Trichloroethene	400	2	0.47	--	--	--	< 0.00490	--		--	**0.0499**	--
Trichlorofluoromethane	NS	NS	NS	--	--	--	< 0.00490	--		--	< 0.00568	--
m,p-Xylene	1000	0.26	1.6	--	--	--	< 0.00980	--		--	< 0.0114	--
o-Xylene	1000	0.26	1.6	--	--	--	< 0.00490	--		--	< 0.00568	--
Vinyl acetate	NS	NS	NS	--	--	--	< 0.00980	--		--	< 0.0114	--
Vinyl Chloride	27	NS	0.02	--	--	--	< 0.00490	--		--	< 0.00568	--
SVOCS (mg/kg = ppm)												
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
1,2-Dichlorobenzene	1000	NS	1.1	--	--	--	< 0.521	--		--	< 0.114	--
1,2-Diphenylhydrazine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
1,3-Dichlorobenzene	560	NS	2.4	--	--	--	< 0.521	--		--	< 0.114	--
1,4-Dichlorobenzene	250	NS	1.8	--	--	--	< 0.521	--		--	< 0.114	--
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,4,5-Trichlorophenol	NS	4	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,4,6-Trichlorophenol	NS	10	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,4-Dichlorophenol	NS	20	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,4-Dimethylphenol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,4-Dinitrophenol	NS	20	0.2	--	--	--	< 0.521	--		--	< 0.114	--
2,4-Dinitrotoluene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,6-Dichlorophenol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2,6-Dinitrotoluene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2-Chloronaphthalene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2-Chlorophenol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2-Methylnaphthalene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
2-Methylphenol	1000	NS	0.33	--	--	--	< 0.521	--		--	< 0.114	--
2-Nitrophenol	NS	7	0.3	--	--	--	< 0.521	--		--	< 0.114	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP10 0-1 10/21/09	C-SP11 0-1 10/22/09	C-SP12 0-1 10/22/09	C-SP13 0-2 10/22/09	C-SP14 0-1 10/22/09	C-SP14 1-2 10/22/09	C-SP15 0-1 10/22/09	C-SP15 1-2 10/22/09	C-SP15 3-4 10/22/09
3 & 4-Methylphenol	1000	NS	0.33	--	--	--	< 0.521	--		--	< 0.114	--
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
4-Bromophenyl phenyl ether	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
4-Chloro-3-methylphenol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
4-Chlorophenyl phenyl ether	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
4-Nitrophenol	NS	7	0.1	--	--	--	< 0.521	--		--	< 0.114	--
Acenaphthene	1000	20	98	--	--	--	< 0.521	--		--	< 0.114	--
Acenaphthylene	1000	NS	107	--	--	--	< 0.521	--		--	< 0.114	--
Acetophenone	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Aniline	1000	NS	0.33	--	--	--	< 0.521	--		--	< 0.114	--
Anthracene	1000	NS	1000	--	--	--	< 0.521	--		--	< 0.114	--
Benz(a)anthracene	11	NS	1	--	--	--	< 0.521	--		--	**0.135**	--
Benzidine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Benzo(a)pyrene	1.1	2.6	22	--	--	--	< 0.521	--		--	**0.144**	--
Benzo(b)fluoranthene	11	NS	1.7	--	--	--	< 0.521	--		--	< 0.114	--
Benzo(g,h,i)perylene	1000	NS	1000	--	--	--	< 0.521	--		--	**0.118**	--
Benzo(k)fluoranthene	110	NS	1.7	--	--	--	< 0.521	--		--	< 0.114	--
Benzyl Alcohol	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Bis(2-chloroethoxy)methane	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
bis-(2-Chloroethyl)ether	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Bis(2-ethylhexyl)phthalate	NS	239	100	--	--	--	< 0.521	--		--	< 0.114	--
Butyl benzyl phthalate	NS	NS	100	--	--	--	< 0.521	--		--	< 0.114	--
Chrysene	110	NS	1	--	--	--	< 0.521	--		--	**0.136**	--
Dibenz(a,h)anthracene	1.1	NS	1000	--	--	--	< 0.521	--		--	< 0.114	--
Dibenzofuran	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Diethyl phthalate	NS	100	7.1	--	--	--	< 0.521	--		--	< 0.114	--
Dimethyl phthalate	NS	200	7.0	--	--	--	< 0.521	--		--	< 0.114	--
Di-n-butyl phthalate	NS	0.014	8.1	--	--	--	< 0.521	--		--	< 0.114	--
Di-n-octyl phthalate	NS	100	100	--	--	--	< 0.521	--		--	< 0.114	--
Fluoranthene	1000	NS	1000	--	--	--	< 0.521	--		--	**0.170**	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Fluorene	1000	30	386	--	--	--	< 0.521	--		--	< 0.114	--
Hexachlorobenzene	12	NS	3.2	--	--	--	< 0.521	--		--	< 0.114	--
Hexachlorobutadiene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Hexachlorocyclopentadiene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Hexachloroethane	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Hexachloropropene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	--	--	< 0.521	--		--	**0.149**	--
Isophorone	NS	NS	4.4	--	--	--	< 0.521	--		--	< 0.114	--
Naphthalene	1000	NS	12	--	--	--	< 0.521	--		--	< 0.114	--
Nitrobenzene	140	40	0.330	--	--	--	< 0.521	--		--	< 0.114	--
N-Nitrosodimethylamine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
N-Nitroso-di-n-butylamine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
N-Nitrosodi-n-propylamine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
N-Nitrosodiphenylamine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Pentachlorobenzene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Pentachloronitrobenzene	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--
Pentachlorophenol	*55*	0.8	0.8	--	--	--	< 0.521	--		--	< 0.114	--
Phenanthrene	1000	NS	1000	--	--	--	< 0.521	--		--	< 0.114	--
Phenol	1000	30	0.33	--	--	--	< 0.521	--		--	< 0.114	--
Pyrene	1000	NS	1000	--	--	--	< 0.521	--		--	**0.174**	--
Pyridine	NS	NS	NS	--	--	--	< 0.521	--		--	< 0.114	--

Notes:

	Indicates concentration above standc
	Indicates concentration above standc
	Indicates concentration above standc
	Indicates concentration exceeds two
*	for chrome standards, lower number
NS	No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP16 0.5-1.5 10/22/09	C-SS17 Surface 10/23/09	C-SS19 Surface 10/23/09	C-SS20 Surface 10/23/09	C-SS21 Surface 10/23/09	C-SS22 Surface 10/23/09	C-SS23 Surface 10/23/09	WP-SP1 0-1 10/29/26	WP-SP1 10-12 10/29/09
Metals (mg/kg = ppm)												
Antimony	NS	5	NS	< 5.84	< 5.54	< 6.64	**26.6**	< 5.48	< 6.42	< 6.28	< 5.87	--
Arsenic	16	13	16	**2.37**	**6.48**	**6.18**	**6.27**	**5.39**	**9.87**	**7.27**	**7.25**	--
Barium	10000	433	820	**104**	**914**	**684**	< 0.864	**938**	**249**	**204**	**151**	--
Beryllium	2700	10	47	< 0.584	**0.657**	< 0.664	**11.3**	< 0.548	**0.669**	**0.809**	**0.812**	--
Cadmium	60	4	7.5	< 1.17	**1.45**	**2.06**	**216**	**2.85**	**5.06**	**1.92**	**1.40**	--
Chromium *	800/6800	1/41	19/NS	**19.5**	**62.7**	**145**	**1640**	**88.7**	**42.2**	**43.2**	**23.5**	--
Copper	10000	50	1720	**27.5**	**237**	**458**	**2700**	**160**	**1830**	**386**	**37.9**	--
Lead	3900	63	450	**12.3**	**575**	**244**	**43.9**	**225**	**139**	**85.5**	**23.3**	--
Nickel	10000	30	130	**16.0**	**23.5**	**21.6**	< 8.64	**21.7**	**25.1**	**25.2**	**25.7**	--
Selenium	6800	3.9	4	< 5.84	< 5.54	< 6.64	< 1.73	< 5.48	< 6.42	< 6.28	< 5.87	--
Silver	6800	2	8.3	< 1.17	< 1.11	< 1.33	< 8.64	< 1.10	< 1.28	< 1.26	< 1.17	--
Thallium	NS	1	NS	< 5.84	< 5.54	< 6.64	**10700**	< 5.48	< 6.42	< 6.28	< 5.87	--
Zinc	10000	109	2480	**42.6**	**188**	**113000**	**172000**	**14800**	**63300**	**20700**	**2980**	--
Mercury	5.7	0.18	0.73	< 0.130	**0.360**	**23.7**	**6.18**	**0.383**	**1.12**	**0.261**	< 0.114	--
VOCS (mg/kg = ppm)												
Acetone	1000	2.2	0.05	--	< 0.0532	--	--	--	--	< 0.0647	--	< 0.0211
2-Butanone (MEK)	1000	100	0.12	--	< 0.0213	--	--	--	--	< 0.0259	--	< 0.0422
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	< 0.0106	--	--	--	--	< 0.0129	--	< 0.0106
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,1-Dichloroethane	480	NS	0.27	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.0525**
1,1-Dichloroethene	1000	NS	0.33	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,1-Dichloropropene	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.133**
1,2-Dibromoethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,2-Dichloroethane	60	10	0.02	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
1,2-Dichloropropane	NS	700	NS	--	**0.0204**	--	--	--	--	**0.0255**	--	< 0.0106
1,3-Dichloropropane	NS	NS	0.3	--	**0.0276**	--	--	--	--	**0.0405**	--	< 0.0422
2,2-Dichloropropane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106

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2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.0266	--	--	--	--	< 0.0324	--	**45.8**
2-Chlorotoluene	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
2-Hexanone	NS	NS	NS	--	< 0.0213	--	--	--	--	< 0.0259	--	< 0.0422
4-Chlorotoluene	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0422
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0213	--	--	--	--	< 0.0259	--	< 0.0422
Acetonitrile	NS	NS	NS	--	< 0.0425	--	--	--	--	< 0.0518	--	**0.072**
Acrolein	NS	NS	NS	--	< 0.0213	--	--	--	--	< 0.0259	--	< 0.0106
Acrylonitrile	NS	NS	NS	--	< 0.0213	--	--	--	--	< 0.0259	--	**0.0171**
Allyl chloride	NS	NS	NS	--	< 0.0106	--	--	--	--	< 0.0129	--	< 0.0422
Benzene	89	70	0.06	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Bromobenzene	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Bromochloromethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Bromodichloromethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.0178**
Bromoform	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Bromomethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Carbon Disulfide	1000	NS	2.7	--	< 0.0213	--	--	--	--	< 0.0259	--	**38.9**
Carbon Tetrachloride	44	NS	0.76	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Chlorobenzene	1000	40	1.1	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Chloroethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Chloroform	700	12	0.37	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0211
Chloromethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0211
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0211
cis-1,3-Dichloropropene	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.131**
Dibromochloromethane	NS	10	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.0165**
Dibromomethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Dichlorodifluoromethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Ethylbenzene	780	NS	1	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Iodomethane	NS	NS	NS	--	< 0.0106	--	--	--	--	< 0.0129	--	**41.3**
Methylene Chloride	1000	12	0.05	--	< 0.00532	--	--	--	--	**0.0112**	--	**0.13**
n-Hexane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106
Styrene	NS	300	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0106

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Tetrachloroethene	300	2	1.3	--	< 0.00532	--	--	--	--	< 0.00647	--	**32.8**
Toluene	1000	36	0.7	--	< 0.00532	--	--	--	--	< 0.00647	--	**9.93**
trans-1,2-Dichloroethene	1000	NS	0.19	--	< 0.00532	--	--	--	--	< 0.00647	--	**1.43**
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	**120**
Trichloroethene	400	2	0.47	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.215
Trichlorofluoromethane	NS	NS	NS	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.888**
m,p-Xylene	1000	0.26	1.6	--	< 0.0106	--	--	--	--	< 0.0129	--	< 0.0106
o-Xylene	1000	0.26	1.6	--	< 0.00532	--	--	--	--	< 0.00647	--	< 0.0211
Vinyl acetate	NS	NS	NS	--	< 0.0106	--	--	--	--	< 0.0129	--	**0.581**
Vinyl Chloride	27	NS	0.02	--	< 0.00532	--	--	--	--	< 0.00647	--	**0.888**
SVOCS (mg/kg = ppm)												
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,4-Dichlorophenol	NS	20	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,4-Dimethylphenol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,4-Dinitrophenol	NS	20	0.2	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,6-Dichlorophenol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2-Chloronaphthalene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2-Chlorophenol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2-Methylnaphthalene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2-Methylphenol	1000	NS	0.33	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
2-Nitrophenol	NS	7	0.3	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP16 0.5-1.5 10/22/09	C-SS17 Surface 10/23/09	C-SS19 Surface 10/23/09	C-SS20 Surface 10/23/09	C-SS21 Surface 10/23/09	C-SS22 Surface 10/23/09	C-SS23 Surface 10/23/09	WP-SP1 0-1 10/29/26	WP-SP1 10-12 10/29/09
3 & 4-Methylphenol	1000	NS	0.33	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
4-Nitrophenol	NS	7	0.1	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Acenaphthene	1000	20	98	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Acenaphthylene	1000	NS	107	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Acetophenone	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Aniline	1000	NS	0.33	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Anthracene	1000	NS	1000	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Benz(a)anthracene	11	NS	1	--	< 0.106	--	--	--	--	**0.739**	--	< 0.130
Benzidine	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Benzo(a)pyrene	1.1	2.6	22	--	< 0.106	--	--	--	--	**0.576**	--	< 0.130
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.106	--	--	--	--	**1.11**	--	< 0.130
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.106	--	--	--	--	**0.679**	--	< 0.130
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.106	--	--	--	--	**0.519**	--	< 0.130
Benzyl Alcohol	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	**7.08**
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Butyl benzyl phthalate	NS	NS	100	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Chrysene	110	NS	1	--	**1.41**	--	--	--	--	**0.927**	--	< 0.130
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.106	--	--	--	--	**0.227**	--	< 0.130
Dibenzofuran	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Diethyl phthalate	NS	100	7.1	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Dimethyl phthalate	NS	200	7.0	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Di-n-octyl phthalate	NS	100	100	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Fluoranthene	1000	NS	1000	--	< 0.106	--	--	--	--	**1.15**	--	< 0.130

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	C-SP16 0.5-1.5 10/22/09	C-SS17 Surface 10/23/09	C-SS19 Surface 10/23/09	C-SS20 Surface 10/23/09	C-SS21 Surface 10/23/09	C-SS22 Surface 10/23/09	C-SS23 Surface 10/23/09	WP-SP1 0-1 10/29/26	WP-SP1 10-12 10/29/09
Fluorene	1000	30	386	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Hexachlorobenzene	12	NS	3.2	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Hexachlorobutadiene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Hexachloroethane	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Hexachloropropene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.106	--	--	--	--	**0.798**	--	< 0.130
Isophorone	NS	NS	4.4	--	**1.41**	--	--	--	--	< 0.126	--	< 0.130
Naphthalene	1000	NS	12	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Nitrobenzene	140	40	0.330	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Pentachlorobenzene	NS	NS	NS	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Pentachloronitrobenzene	NS	NS	NS	--	**1.41**	--	--	--	--	< 0.126	--	< 0.130
Pentachlorophenol	55	0.8	0.8	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Phenanthrene	1000	NS	1000	--	< 0.106	--	--	--	--	**0.620**	--	< 0.130
Phenol	1000	30	0.33	--	< 0.106	--	--	--	--	< 0.126	--	< 0.130
Pyrene	1000	NS	1000	--	**1.28**	--	--	--	--	**1.14**	--	< 0.130
Pyridine	NS	NS	NS	--	**6.43**	--	--	--	--	< 0.126	--	< 0.130

Notes:
- Indicates concentration above standc
- Indicates concentration above standc
- Indicates concentration above standc
- Indicates concentration exceeds two
- * for chrome standards, lower number
- NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP2 0-2 10/30/09	WP-SP2 10-12 10/30/09	WP-SP3 0-1 10/29/09	WP-SP3 10-12 10/29/09	WP-SP4 0-1 10/29/09	WP-SP4 14-15 10/29/09	WP-SP5 0-2 10/29/09	WP-SP5 4-6 10/29/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 6.37	< 7.10	< 5.62	< 6.50	< 5.42	< 6.55	< 6.99	--
Arsenic	16	13	16	**5.77**	**6.70**	**6.87**	**4.21**	**5.77**	**9.09**	**3.79**	--
Barium	10000	433	820	**840**	**117**	**82.7**	**115**	**77.4**	**89.4**	**3840**	**230**
Beryllium	2700	10	47	< 0.637	< 0.710	**0.618**	**0.881**	**0.588**	**0.757**	< 0.699	--
Cadmium	60	4	7.5	**1.48**	< 1.42	**1.27**	**1.34**	**1.15**	**1.55**	< 1.40	--
Chromium *	800/6800	1/41	19/NS	**82.9**	**19.3**	**19.1**	**12.7**	**16.9**	**22.4**	**182**	--
Copper	10000	50	1720	**1270**	**28.2**	**38.5**	**41.7**	**21.3**	**29.2**	**270**	--
Lead	3900	63	450	**69.5**	**13.5**	**21.0**	**20.5**	**18.5**	**17.0**	**134**	**19.7**
Nickel	10000	30	130	**17.8**	**27.1**	**23.5**	**12.9**	**20.2**	**31.8**	**5.27**	--
Selenium	6800	3.9	4	< 6.37	< 7.10	< 5.62	< 6.50	< 5.42	< 6.55	< 6.99	--
Silver	6800	2	8.3	< 1.27	< 1.42	< 1.12	< 1.30	< 1.08	< 1.31	< 1.40	--
Thallium	NS	1	NS	< 6.37	< 7.10	< 5.62	< 6.50	< 5.42	< 6.55	< 6.99	--
Zinc	10000	109	2480	**50500**	**169**	**929**	**286000**	**3560**	**342**	**83400**	--
Mercury	5.7	0.18	0.73	**0.207**	< 0.126	< 0.116	< 0.119	< 0.103	< 0.131	**0.548**	--
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	**119**	--	< 0.0371	--	< 0.0244	--	--
2-Butanone (MEK)	1000	100	0.12	--	**1.65**	--	< 0.0371	--	< 0.00610	--	--
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	< 0.0231	--	< 0.00929	--	< 0.00610	--	--
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
1,1-Dichloroethane	480	NS	0.27	--	< 0.0116	--	< 0.00929	--	**0.0258**	--	--
1,1-Dichloroethene	1000	NS	0.33	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
1,1-Dichloropropene	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	**0.0243**	--	--
1,2-Dibromoethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
1,2-Dichloroethane	60	10	0.02	--	< 0.0116	--	< 0.00929	--	**0.0157**	--	--
1,2-Dichloropropane	NS	700	NS	--	**0.924**	--	< 0.00929	--	**0.0061**	--	--
1,3-Dichloropropane	NS	NS	0.3	--	**0.817**	--	< 0.0371	--	**0.093**	--	--
2,2-Dichloropropane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.0305	--	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.0578	--	**45.7**	--	< 0.0244	--	--
2-Chlorotoluene	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	**43**	--	--
2-Hexanone	NS	NS	NS	--	< 0.0462	--	< 0.0371	--	< 0.00610	--	--
4-Chlorotoluene	NS	NS	NS	--	< 0.0116	--	< 0.0743	--	< 0.0488	--	--
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0462	--	< 0.0371	--	< 0.0244	--	--
Acetonitrile	NS	NS	NS	--	< 0.0924	--	< 0.0186	--	**0.0452**	--	--
Acrolein	NS	NS	NS	--	< 0.0462	--	< 0.00929	--	**0.0388**	--	--
Acrylonitrile	NS	NS	NS	--	< 0.0462	--	< 0.00929	--	**0.219**	--	--
Allyl chloride	NS	NS	NS	--	< 0.0231	--	< 0.00929	--	**0.00945**	--	--
Benzene	89	70	0.06	--	< 0.0116	--	**0.0138**	--	< 0.00610	--	--
Bromobenzene	NS	NS	NS	--	< 0.0116	--	**0.02**	--	**0.0246**	--	--
Bromochloromethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Bromodichloromethane	NS	NS	NS	--	< 0.0116	--	< 0.0371	--	**0.158**	--	--
Bromoform	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Bromomethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	**0.0466**	--	--
Carbon Disulfide	1000	NS	2.7	--	< 0.0462	--	< 0.00929	--	< 0.00610	--	--
Carbon Tetrachloride	44	NS	0.76	--	< 0.0116	--	**0.0458**	--	**0.00714**	--	--
Chlorobenzene	1000	40	1.1	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Chloroethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Chloroform	700	12	0.37	--	**0.164**	--	< 0.00929	--	**0.0244**	--	--
Chloromethane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	**42.8**	--	--
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.0116	--	**42.9**	--	< 0.00610	--	--
cis-1,3-Dichloropropene	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Dibromochloromethane	NS	10	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Dibromomethane	NS	NS	NS	--	< 0.0116	--	< 0.0186	--	< 0.0122	--	--
Dichlorodifluoromethane	NS	NS	NS	--	< 0.0116	--	< 0.0186	--	< 0.0122	--	--
Ethylbenzene	780	NS	1	--	< 0.0116	--	< 0.0186	--	**0.0933**	--	--
Iodomethane	NS	NS	NS	--	< 0.0231	--	**0.0325**	--	< 0.00610	--	--
Methylene Chloride	1000	12	0.05	--	**0.0146**	--	< 0.00929	--	< 0.00610	--	--
n-Hexane	NS	NS	NS	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Styrene	NS	300	NS	--	< 0.0116	--	**43.4**	--	< 0.00610	--	--

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Tetrachloroethene	300	2	1.3	--	< 0.0116	--	< 0.00929	--	< 0.00610	--	--
Toluene	1000	36	0.7	--	< 0.0116	--	< 0.00929	--	**0.0233**	--	--
trans-1,2-Dichloroethene	1000	NS	0.19	--	< 0.0116	--	< 0.00929	--	< 0.0122	--	--
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.0116	--	< 0.0186	--	< 0.00610	--	--
Trichloroethene	400	2	0.47	--	< 0.0116	--	< 0.00929	--	**5.62**	--	--
Trichlorofluoromethane	NS	NS	NS	--	< 0.0116	--	**0.363**	--	**12.4**	--	--
m,p-Xylene	1000	0.26	1.6	--	< 0.0231	--	**0.0338**	--	< 0.00610	--	--
o-Xylene	1000	0.26	1.6	--	< 0.0116	--	< 0.00929	--	**40.9**	--	--
Vinyl acetate	NS	NS	NS	--	< 0.0231	--	**0.292**	--	**20.3**	--	--
Vinyl Chloride	27	NS	0.02	--	< 0.0116	--	< 0.170	--	**1.02**	--	--
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.130	--	< 0.130	--	< 0.127	--	--
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.130	--	< 0.130	--	< 0.127	--	--
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,4-Dichlorophenol	NS	20	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,4-Dimethylphenol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,4-Dinitrophenol	NS	20	0.2	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,6-Dichlorophenol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2-Chloronaphthalene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2-Chlorophenol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2-Methylnaphthalene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2-Methylphenol	1000	NS	0.33	--	< 0.130	--	< 0.130	--	< 0.127	--	--
2-Nitrophenol	NS	7	0.3	--	< 0.130	--	< 0.130	--	< 0.127	--	--

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3 & 4-Methylphenol	1000	NS	0.33	--	< 0.130	--	< 0.130	--	< 0.127	--	--
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
4-Nitrophenol	NS	7	0.1	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Acenaphthene	1000	20	98	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Acenaphthylene	1000	NS	107	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Acetophenone	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Aniline	1000	NS	0.33	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Anthracene	1000	NS	1000	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benz(a)anthracene	11	NS	1	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benzidine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benzo(a)pyrene	1.1	2.6	22	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Benzyl Alcohol	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.130	--	**0.463**	--	< 0.127	--	--
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Butyl benzyl phthalate	NS	NS	100	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Chrysene	110	NS	1	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Dibenzofuran	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Diethyl phthalate	NS	100	7.1	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Dimethyl phthalate	NS	200	7.0	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Di-n-octyl phthalate	NS	100	100	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Fluoranthene	1000	NS	1000	--	< 0.130	--	< 0.130	--	< 0.127	--	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP2 0-2 10/30/09	WP-SP2 10-12 10/30/09	WP-SP3 0-1 10/29/09	WP-SP3 10-12 10/29/09	WP-SP4 0-1 10/29/09	WP-SP4 14-15 10/29/09	WP-SP5 0-2 10/29/09	WP-SP5 4-6 10/29/09
Fluorene	1000	30	386	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Hexachlorobenzene	12	NS	3.2	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Hexachlorobutadiene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Hexachloroethane	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Hexachloropropene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Isophorone	NS	NS	4.4	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Naphthalene	1000	NS	12	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Nitrobenzene	140	40	0.330	--	< 0.130	--	< 0.130	--	< 0.127	--	--
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Pentachlorobenzene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Pentachloronitrobenzene	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Pentachlorophenol	55	0.8	0.8	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Phenanthrene	1000	NS	1000	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Phenol	1000	30	0.33	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Pyrene	1000	NS	1000	--	< 0.130	--	< 0.130	--	< 0.127	--	--
Pyridine	NS	NS	NS	--	< 0.130	--	< 0.130	--	< 0.127	--	--

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP5 10-12 10/29/09	WP-SP6 0-2 10/30/09	WP-SP6 6-8 10/30/09	WP-SP7 10-12 10/23/09	WP-SP7 0-1 10/23/09	WP-SP7 12-13 10/23/09	WP-SP8 0-2 10/23/09	WP-SP8 10-12 10/23/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	--	< 6.32	< 6.22	--	< 6.93	< 5.36	< 6.11	< 6.05
Arsenic	16	13	16	--	**6.96**	**7.27**	--	**8.64**	**4.61**	**6.71**	**8.01**
Barium	10000	433	820	--	**96.4**	**102**	--	**101**	**53.7**	**77.8**	**84.1**
Beryllium	2700	10	47	--	< 0.632	**0.963**	--	**1.17**	< 0.536	**0.651**	< 0.605
Cadmium	60	4	7.5	--	< 1.26	**1.26**	--	**1.73**	< 1.07	**1.27**	**1.34**
Chromium *	800/6800	1/41	19/NS	--	**49.1**	**24.5**	--	**30.8**	**13.6**	**18.5**	**15.6**
Copper	10000	50	1720	--	**51.5**	**32.5**	--	**30.1**	**26.8**	**29.1**	**31.6**
Lead	3900	63	450	--	**28.6**	**16.3**	--	**17.5**	**16.5**	**20.2**	**13.3**
Nickel	10000	30	130	--	**23.3**	**38.4**	--	**33.7**	**16.7**	**23.5**	**19.8**
Selenium	6800	3.9	4	--	< 6.32	< 6.22	--	< 6.93	< 5.36	< 6.11	< 6.05
Silver	6800	2	8.3	--	< 1.26	< 1.24	--	< 1.39	< 1.07	< 1.22	< 1.21
Thallium	NS	1	NS	--	< 6.32	< 6.22	--	< 6.93	< 5.36	< 6.11	< 6.05
Zinc	10000	109	2480	--	**2260**	**801**	--	**929**	**71.6**	**146**	**3500**
Mercury	5.7	0.18	0.73	--	< 0.120	< 0.124	--	< 0.119	< 0.108	< 0.125	< 0.124
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	< 0.0468	--	**45.2**	< 0.0244	--	--	--	< 0.0503
2-Butanone (MEK)	1000	100	0.12	< 0.0585	--	**6.07**	< 0.00611	--	--	--	< 0.0251
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	< 0.0117	--	< 0.0319	< 0.00611	--	--	--	**0.00831**
1,1,1,2-Tetrachloroethane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00641
1,1,1-Trichloroethane	1000	NS	0.68	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00641
1,1,2,2-Tetrachloroethane	NS	NS	0.6	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00641
1,1,2-Trichloroethane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00641
1,1-Dichloroethane	480	NS	0.27	**0.0277**	--	< 0.0160	**0.00738**	--	--	--	< 0.00641
1,1-Dichloroethene	1000	NS	0.33	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00641
1,1-Dichloropropene	NS	NS	NS	**0.0722**	--	< 0.0160	**0.0131**	--	--	--	< 0.00629
1,2-Dibromoethane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
1,2-Dichloroethane	60	10	0.02	**0.0153**	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
1,2-Dichloropropane	NS	700	NS	< 0.0117	--	**0.23**	< 0.00611	--	--	--	**0.0756**
1,3-Dichloropropane	NS	NS	0.3	< 0.0117	--	**0.37**	< 0.0244	--	--	--	**0.0111**
2,2-Dichloropropane	NS	NS	NS	< 0.0468	--	< 0.0160	< 0.0306	--	--	--	< 0.00629

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP5 10-12 10/29/09	WP-SP6 0-2 10/30/09	WP-SP6 6-8 10/30/09	WP-SP7 10-12 10/23/09	WP-SP7 0-1 10/23/09	WP-SP7 12-13 10/23/09	WP-SP8 0-2 10/23/09	WP-SP8 10-12 10/23/09
2-Chloroethyl vinyl ether	NS	NS	NS	< 0.0117	--	< 0.0798	< 0.0244	--	--	--	< 0.0314
2-Chlorotoluene	NS	NS	NS	< 0.0468	--	< 0.0160	**42**	--	--	--	< 0.00629
2-Hexanone	NS	NS	NS	**46.2**	--	< 0.0638	< 0.00611	--	--	--	< 0.0251
4-Chlorotoluene	NS	NS	NS	< 0.0468	--	< 0.0160	< 0.0489	--	--	--	< 0.00629
4-Methyl-2-pentanone	NS	NS	NS	< 0.0936	--	< 0.0638	< 0.0244	--	--	--	< 0.0251
Acetonitrile	NS	NS	NS	< 0.0468	--	< 0.128	**0.0138**	--	--	--	< 0.0251
Acrolein	NS	NS	NS	< 0.0234	--	< 0.0638	< 0.00611	--	--	--	< 0.0251
Acrylonitrile	NS	NS	NS	**0.0327**	--	< 0.0638	**0.01**	--	--	--	< 0.0126
Allyl chloride	NS	NS	NS	**0.254**	--	< 0.0319	< 0.00611	--	--	--	< 0.00629
Benzene	89	70	0.06	**0.0152**	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Bromobenzene	NS	NS	NS	**0.13**	--	**0.0182**	< 0.00611	--	--	--	< 0.00629
Bromochloromethane	NS	NS	NS	**0.0496**	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Bromodichloromethane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.0244	--	--	--	< 0.00629
Bromoform	NS	NS	NS	< 0.0468	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Bromomethane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.0251
Carbon Disulfide	1000	NS	2.7	**0.0304**	--	< 0.0638	< 0.00611	--	--	--	< 0.00629
Carbon Tetrachloride	44	NS	0.76	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Chlorobenzene	1000	40	1.1	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Chloroethane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	**0.00683**
Chloroform	700	12	0.37	< 0.0117	--	**0.0211**	< 0.00611	--	--	--	< 0.00629
Chloromethane	NS	NS	NS	**0.0545**	--	< 0.0160	**42.3**	--	--	--	< 0.00629
cis-1,2-Dichloroethene	1000	NS	0.25	**51.5**	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
cis-1,3-Dichloropropene	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Dibromochloromethane	NS	10	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	**47.7**
Dibromomethane	NS	NS	NS	< 0.0234	--	< 0.0160	< 0.0122	--	--	--	< 0.00629
Dichlorodifluoromethane	NS	NS	NS	< 0.0234	--	< 0.0160	< 0.0122	--	--	--	< 0.00629
Ethylbenzene	780	NS	1	< 0.0234	--	< 0.0160	**0.0205**	--	--	--	< 0.0126
Iodomethane	NS	NS	NS	**0.0604**	--	< 0.0319	< 0.00611	--	--	--	< 0.0126
Methylene Chloride	1000	12	0.05	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
n-Hexane	NS	NS	NS	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Styrene	NS	300	NS	**46.4**	--	< 0.0160	< 0.00611	--	--	--	< 0.00629

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Tetrachloroethene	300	2	1.3	< 0.0117	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Toluene	1000	36	0.7	< 0.0117	--	< 0.0160	**0.00898**	--	--	--	**46.7**
trans-1,2-Dichloroethene	1000	NS	0.19	< 0.0117	--	< 0.0160	< 0.0122	--	--	--	< 0.00629
trans-1,3-Dichloropropene	NS	NS	NS	< 0.0234	--	< 0.0160	< 0.00611	--	--	--	< 0.00629
Trichloroethene	400	2	0.47	< 0.0117	--	< 0.0160	**2.38**	--	--	--	< 0.00629
Trichlorofluoromethane	NS	NS	NS	**15.6**	--	< 0.0160	**0.394**	--	--	--	< 0.0126
m,p-Xylene	1000	0.26	1.6	< 0.0117	--	< 0.0319	< 0.00611	--	--	--	< 0.0126
o-Xylene	1000	0.26	1.6	< 0.0117	--	< 0.0160	**41.7**	--	--	--	< 0.00629
Vinyl acetate	NS	NS	NS	**24.7**	--	< 0.0319	**48.8**	--	--	--	< 0.00629
Vinyl Chloride	27	NS	0.02	**1.22**	--	< 0.0160	**0.329**	--	--	--	**1.47**
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
1,2,4-Trichlorobenzene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
1,2-Dichlorobenzene	1000	NS	1.1	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
1,2-Diphenylhydrazine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
1,3-Dichlorobenzene	560	NS	2.4	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
1,4-Dichlorobenzene	250	NS	1.8	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,3,4,6-Tetrachlorophenol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,4,5-Trichlorophenol	NS	4	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,4,6-Trichlorophenol	NS	10	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,4-Dichlorophenol	NS	20	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,4-Dimethylphenol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,4-Dinitrophenol	NS	20	0.2	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,4-Dinitrotoluene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,6-Dichlorophenol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2,6-Dinitrotoluene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2-Chloronaphthalene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2-Chlorophenol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2-Methylnaphthalene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2-Methylphenol	1000	NS	0.33	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
2-Nitrophenol	NS	7	0.3	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126

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3 & 4-Methylphenol	1000	NS	0.33	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
4,6-Dinitro-2-methylphenol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
4-Bromophenyl phenyl ether	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
4-Chloro-3-methylphenol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
4-Chlorophenyl phenyl ether	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
4-Nitrophenol	NS	7	0.1	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Acenaphthene	1000	20	98	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Acenaphthylene	1000	NS	107	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Acetophenone	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Aniline	1000	NS	0.33	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Anthracene	1000	NS	1000	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benz(a)anthracene	11	NS	1	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benzidine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benzo(a)pyrene	1.1	2.6	22	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benzo(b)fluoranthene	11	NS	1.7	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benzo(g,h,i)perylene	1000	NS	1000	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benzo(k)fluoranthene	110	NS	1.7	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Benzyl Alcohol	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Bis(2-chloroethoxy)methane	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
bis-(2-Chloroethyl)ether	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Bis(2-chloroisopropyl)ether	NS	NS	NS	**0.768**	--	< 0.131	**0.253**	--	--	--	< 0.126
Bis(2-ethylhexyl)phthalate	NS	239	100	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Butyl benzyl phthalate	NS	NS	100	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Chrysene	110	NS	1	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Dibenz(a,h)anthracene	1.1	NS	1000	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Dibenzofuran	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Diethyl phthalate	NS	100	7.1	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Dimethyl phthalate	NS	200	7.0	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Di-n-butyl phthalate	NS	0.014	8.1	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Di-n-octyl phthalate	NS	100	100	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Fluoranthene	1000	NS	1000	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP5 10-12 10/29/09	WP-SP6 0-2 10/30/09	WP-SP6 6-8 10/30/09	WP-SP7 10-12 10/23/09	WP-SP7 0-1 10/23/09	WP-SP7 12-13 10/23/09	WP-SP8 0-2 10/23/09	WP-SP8 10-12 10/23/09
Fluorene	1000	30	386	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Hexachlorobenzene	12	NS	3.2	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Hexachlorobutadiene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Hexachlorocyclopentadiene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Hexachloroethane	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Hexachloropropene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Indeno(1,2,3-cd)pyrene	11	NS	8.2	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Isophorone	NS	NS	4.4	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Naphthalene	1000	NS	12	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Nitrobenzene	140	40	0.330	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
N-Nitrosodimethylamine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
N-Nitroso-di-n-butylamine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
N-Nitrosodi-n-propylamine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
N-Nitrosodiphenylamine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Pentachlorobenzene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Pentachloronitrobenzene	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Pentachlorophenol	55	0.8	0.8	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Phenanthrene	1000	NS	1000	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Phenol	1000	30	0.33	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Pyrene	1000	NS	1000	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126
Pyridine	NS	NS	NS	< 0.138	--	< 0.131	< 0.128	--	--	--	< 0.126

Notes:

	Indicates concentration above standc
	Indicates concentration above standc
	Indicates concentration above standc
	Indicates concentration exceeds two
*	for chrome standards, lower number
NS	No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP9 0-1 10/23/09	WP-SP9 12-14 10/23/09	WP-SP10 0-2 10/29/09	WP-SP10 6-8 10/29/09	WP-SP11 0-2 10/30/09	WP-SP11 6-8 10/30/09	WP-SP12 0-2 10/30/09	WP-SP12 10-12 10/30/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 5.23	--	< 7.29	< 6.87	< 6.64	--	< 6.86	--
Arsenic	16	13	16	**5.38**	--	**10.2**	**8.22**	**5.26**	--	**9.92**	--
Barium	10000	433	820	**118**	--	**276**	**232**	**150**	--	**228**	--
Beryllium	2700	10	47	< 0.523	--	**1.49**	**1.03**	< 0.664	--	**0.956**	--
Cadmium	60	4	7.5	**1.12**	--	**1.79**	**1.68**	< 1.33	--	**1.41**	--
Chromium *	800/6800	1/41	19/NS	**15.3**	--	**33.0**	**24.7**	**15.0**	--	**41.0**	--
Copper	10000	50	1720	**29.3**	--	**52.1**	**32.9**	**25.5**	--	**49.3**	--
Lead	3900	63	450	**15.6**	--	**20.6**	**18.0**	**16.1**	--	**11.9**	--
Nickel	10000	30	130	**19.7**	--	**36.6**	**34.0**	**18.4**	--	**36.5**	--
Selenium	6800	3.9	4	< 5.23	--	< 7.29	< 6.87	< 6.64	--	< 6.86	--
Silver	6800	2	8.3	< 1.05	--	< 1.46	< 1.37	< 1.33	--	< 1.37	--
Thallium	NS	1	NS	< 5.23	--	< 7.29	< 6.87	< 6.64	--	< 6.86	--
Zinc	10000	109	2480	**877**	--	**4840**	**878**	**1570**	--	**3870**	--
Mercury	5.7	0.18	0.73	< 0.110	--	< 0.141	< 0.132	< 0.123	--	< 0.139	--
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	< 0.0241	< 0.0207	< 0.0231	--	< 0.0600	--	**10.2**
2-Butanone (MEK)	1000	100	0.12	--	< 0.00603	< 0.0413	< 0.0462	--	< 0.0749	--	< 1.30
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0441
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,1-Dichloroethane	480	NS	0.27	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,1-Dichloroethene	1000	NS	0.33	--	< 0.00603	**0.0135**	< 0.0115	--	< 0.0150	--	< 0.0220
1,1-Dichloropropene	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,2-Dibromoethane	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
1,2-Dichloroethane	60	10	0.02	--	< 0.00603	**46.1**	< 0.0115	--	< 0.0150	--	< 0.0220
1,2-Dichloropropane	NS	700	NS	--	< 0.00603	< 0.0413	< 0.0115	--	**0.276**	--	**0.385**
1,3-Dichloropropane	NS	NS	0.3	--	**0.078**	< 0.0517	< 0.0577	--	< 0.0150	--	< 0.0220
2,2-Dichloropropane	NS	NS	NS	--	< 0.0301	< 0.0103	< 0.0115	--	**0.188**	--	< 0.0220

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP9 0-1 10/23/09	WP-SP9 12-14 10/23/09	WP-SP10 0-2 10/29/09	WP-SP10 6-8 10/29/09	WP-SP11 0-2 10/30/09	WP-SP11 6-8 10/30/09	WP-SP12 0-2 10/30/09	WP-SP12 10-12 10/30/09
2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.0241	**37**	**37.6**	--	< 0.0150	--	< 0.110
2-Chlorotoluene	NS	NS	NS	--	**47.6**	< 0.0103	< 0.0115	--	< 0.0600	--	< 0.0220
2-Hexanone	NS	NS	NS	--	< 0.00603	< 0.0413	**0.082**	--	**39.9**	--	< 0.0881
4-Chlorotoluene	NS	NS	NS	--	< 0.0482	**0.113**	**0.222**	--	< 0.0600	--	< 0.0220
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0241	< 0.0413	< 0.0462	--	< 0.120	--	< 0.0881
Acetonitrile	NS	NS	NS	--	< 0.0121	< 0.0103	< 0.0115	--	< 0.0600	--	< 0.176
Acrolein	NS	NS	NS	--	< 0.00603	< 0.0103	**0.206**	--	< 0.0300	--	< 0.0881
Acrylonitrile	NS	NS	NS	--	**0.0126**	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0881
Allyl chloride	NS	NS	NS	--	< 0.00603	**0.0335**	**0.047**	--	< 0.0150	--	< 0.0441
Benzene	89	70	0.06	--	< 0.00603	< 0.0103	**0.0282**	--	< 0.0150	--	< 0.0220
Bromobenzene	NS	NS	NS	--	< 0.00603	< 0.0413	< 0.0115	--	< 0.0150	--	< 0.0220
Bromochloromethane	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0462	--	0.0162	--	< 0.0220
Bromodichloromethane	NS	NS	NS	--	< 0.0241	**0.056**	< 0.0115	--	< 0.0150	--	< 0.0220
Bromoform	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0600	--	**0.0334**
Bromomethane	NS	NS	NS	--	< 0.00603	**0.161**	< 0.0115	--	< 0.0150	--	< 0.0220
Carbon Disulfide	1000	NS	2.7	--	< 0.00603	< 0.0103	**0.084**	--	< 0.0150	--	< 0.0881
Carbon Tetrachloride	44	NS	0.76	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
Chlorobenzene	1000	40	1.1	--	< 0.00603	< 0.0103	< 0.0115	--	**0.0222**	--	< 0.0220
Chloroethane	NS	NS	NS	--	< 0.00603	**0.0263**	< 0.0115	--	< 0.0150	--	< 0.0220
Chloroform	700	12	0.37	--	< 0.00603	**47.3**	**0.0344**	--	< 0.0150	--	**0.0568**
Chloromethane	NS	NS	NS	--	**43.2**	< 0.0103	**43.2**	--	< 0.0150	--	< 0.0220
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
cis-1,3-Dichloropropene	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	**48.2**	--	< 0.0220
Dibromochloromethane	NS	10	NS	--	< 0.00603	< 0.0207	< 0.0115	--	< 0.0150	--	< 0.0220
Dibromomethane	NS	NS	NS	--	< 0.0121	< 0.0207	< 0.0231	--	< 0.0150	--	< 0.0220
Dichlorodifluoromethane	NS	NS	NS	--	< 0.0121	**0.0283**	< 0.0231	--	< 0.0300	--	< 0.0220
Ethylbenzene	780	NS	1	--	**0.0274**	< 0.0103	< 0.0115	--	< 0.0300	--	< 0.0220
Iodomethane	NS	NS	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0300	--	< 0.0441
Methylene Chloride	1000	12	0.05	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	**0.0259**
n-Hexane	NS	NS	NS	--	< 0.00603	**40.8**	< 0.0115	--	< 0.0150	--	< 0.0220
Styrene	NS	300	NS	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP9 0-1 10/23/09	WP-SP9 12-14 10/23/09	WP-SP10 0-2 10/29/09	WP-SP10 6-8 10/29/09	WP-SP11 0-2 10/30/09	WP-SP11 6-8 10/30/09	WP-SP12 0-2 10/30/09	WP-SP12 10-12 10/30/09
Tetrachloroethene	300	2	1.3	--	< 0.00603	**0.0172**	< 0.0115	--	**42.5**	--	< 0.0220
Toluene	1000	36	0.7	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0220
trans-1,2-Dichloroethene	1000	NS	0.19	--	< 0.0121	< 0.0103	< 0.0231	--	< 0.0150	--	< 0.0220
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.00603	< 0.336	< 0.0115	--	< 0.0150	--	< 0.0220
Trichloroethene	400	2	0.47	--	**28**	**1.16**	< 0.330	--	< 0.0300	--	< 0.0220
Trichlorofluoromethane	NS	NS	NS	--	**0.275**	**14.9**	**11.5**	--	< 0.0150	--	< 0.0220
m,p-Xylene	1000	0.26	1.6	--	< 0.00603	< 0.0103	< 0.0115	--	< 0.0150	--	< 0.0441
o-Xylene	1000	0.26	1.6	--	**41.7**	< 0.0103	**38.9**	--	< 0.0150	--	< 0.0220
Vinyl acetate	NS	NS	NS	--	**0.287**	**0.853**	**6.21**	--	**0.851**	--	< 0.0441
Vinyl Chloride	27	NS	0.02	--	**0.0482**	**30.4**	**17.3**	--	**12.3**	--	< 0.0220
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,4-Dichlorophenol	NS	20	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,4-Dimethylphenol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,4-Dinitrophenol	NS	20	0.2	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,6-Dichlorophenol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2-Chloronaphthalene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2-Chlorophenol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2-Methylnaphthalene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2-Methylphenol	1000	NS	0.33	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
2-Nitrophenol	NS	7	0.3	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP9 0-1 10/23/09	WP-SP9 12-14 10/23/09	WP-SP10 0-2 10/29/09	WP-SP10 6-8 10/29/09	WP-SP11 0-2 10/30/09	WP-SP11 6-8 10/30/09	WP-SP12 0-2 10/30/09	WP-SP12 10-12 10/30/09
3 & 4-Methylphenol	1000	NS	0.33	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
4-Nitrophenol	NS	7	0.1	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Acenaphthene	1000	20	98	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Acenaphthylene	1000	NS	107	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Acetophenone	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Aniline	1000	NS	0.33	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Anthracene	1000	NS	1000	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benz(a)anthracene	11	NS	1	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benzidine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benzo(a)pyrene	1.1	2.6	22	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Benzyl Alcohol	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.134	**0.232**	**0.257**	--	**0.179**	--	**3.67**
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Butyl benzyl phthalate	NS	NS	100	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Chrysene	110	NS	1	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Dibenzofuran	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Diethyl phthalate	NS	100	7.1	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Dimethyl phthalate	NS	200	7.0	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Di-n-octyl phthalate	NS	100	100	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Fluoranthene	1000	NS	1000	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP9 0-1 10/23/09	WP-SP9 12-14 10/23/09	WP-SP10 0-2 10/29/09	WP-SP10 6-8 10/29/09	WP-SP11 0-2 10/30/09	WP-SP11 6-8 10/30/09	WP-SP12 0-2 10/30/09	WP-SP12 10-12 10/30/09
Fluorene	1000	30	386	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Hexachlorobenzene	12	NS	3.2	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Hexachlorobutadiene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Hexachloroethane	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Hexachloropropene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Isophorone	NS	NS	4.4	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Naphthalene	1000	NS	12	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Nitrobenzene	140	40	0.330	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Pentachlorobenzene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Pentachloronitrobenzene	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Pentachlorophenol	55	0.8	0.8	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Phenanthrene	1000	NS	1000	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Phenol	1000	30	0.33	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Pyrene	1000	NS	1000	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130
Pyridine	NS	NS	NS	--	< 0.134	< 0.133	< 0.131	--	< 0.124	--	< 0.130

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP13 0-2 10/29/09	WP-SP13 12-15 10/29/09	WP-SP14 0-2 10/30/09	WP-SP14 6-8 10/30/09	WP-SP15 0-2 10/29/09	WP-SP15 2-4 10/29/09	WP-SP16 0-2 10/29/09	WP-SP16 6-8 10/29/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 5.38	< 5.56	< 5.07	--	< 5.42	--	< 6.72	--
Arsenic	16	13	16	**6.32**	**7.01**	**6.04**	--	**10.1**	--	**5.43**	--
Barium	10000	433	820	**65.0**	**86.0**	**73.7**	--	**112**	--	**134**	--
Beryllium	2700	10	47	**0.616**	**0.695**	< 0.507	--	**0.718**	--	< 0.672	--
Cadmium	60	4	7.5	**1.22**	**1.69**	< 1.01	--	**1.26**	--	< 1.34	--
Chromium *	800/6800	1/41	19/NS	**17.4**	**21.2**	**15.7**	--	**20.4**	--	**16.0**	--
Copper	10000	50	1720	**29.9**	**82.5**	**28.2**	--	**24.1**	--	**15.7**	--
Lead	3900	63	450	**16.5**	**21.0**	**27.2**	--	**43.7**	--	**19.6**	--
Nickel	10000	30	130	**21.5**	**26.0**	**22.2**	--	**21.2**	--	**17.7**	--
Selenium	6800	3.9	4	< 5.38	< 5.56	< 5.07	--	< 5.42	--	< 6.72	--
Silver	6800	2	8.3	< 1.08	< 1.11	< 1.01	--	< 1.08	--	< 1.34	--
Thallium	NS	1	NS	< 5.38	< 5.56	< 5.07	--	< 5.42	--	< 6.72	--
Zinc	10000	109	2480	**91.4**	**20000**	**508**	--	**201**	--	**429**	--
Mercury	5.7	0.18	0.73	< 0.115	< 0.110	< 0.111	--	< 0.117	--	< 0.123	--
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	< 0.0370	--	**92.9**	--	< 0.0336	--	< 0.0770
2-Butanone (MEK)	1000	100	0.12	--	< 0.0462	--	**0.135**	--	< 0.00840	--	< 0.0192
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	< 0.00925	--	< 0.0341	--	< 0.00840	--	< 0.0192
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,1-Dichloroethane	480	NS	0.27	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**0.0247**
1,1-Dichloroethene	1000	NS	0.33	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,1-Dichloropropene	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,2-Dibromoethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
1,2-Dichloroethane	60	10	0.02	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**0.0201**
1,2-Dichloropropane	NS	700	NS	--	**0.114**	--	**0.0562**	--	< 0.00840	--	< 0.0192
1,3-Dichloropropane	NS	NS	0.3	--	< 0.00925	--	**0.324**	--	< 0.0336	--	**2.96**
2,2-Dichloropropane	NS	NS	NS	--	< 0.0370	--	< 0.0171	--	< 0.0420	--	< 0.0962

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP13 0-2 10/29/09	WP-SP13 12-15 10/29/09	WP-SP14 0-2 10/30/09	WP-SP14 6-8 10/30/09	WP-SP15 0-2 10/29/09	WP-SP15 2-4 10/29/09	WP-SP16 0-2 10/29/09	WP-SP16 6-8 10/29/09
2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.00925	--	< 0.0853	--	< 0.0336	--	< 0.0770
2-Chlorotoluene	NS	NS	NS	--	< 0.0370	--	< 0.0171	--	**30.2**	--	**43.6**
2-Hexanone	NS	NS	NS	--	**43.9**	--	< 0.0682	--	< 0.00840	--	< 0.0192
4-Chlorotoluene	NS	NS	NS	--	< 0.0370	--	< 0.0171	--	< 0.0672	--	< 0.154
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0740	--	< 0.0682	--	< 0.0336	--	< 0.0770
Acetonitrile	NS	NS	NS	--	< 0.0370	--	< 0.136	--	< 0.0168	--	< 0.0385
Acrolein	NS	NS	NS	--	< 0.0185	--	< 0.0682	--	< 0.00840	--	**0.0231**
Acrylonitrile	NS	NS	NS	--	< 0.00925	--	< 0.0682	--	< 0.00840	--	**1.11**
Allyl chloride	NS	NS	NS	--	< 0.00925	--	< 0.0341	--	< 0.00840	--	**0.0467**
Benzene	89	70	0.06	--	< 0.00925	--	< 0.0171	--	**0.0359**	--	**0.663**
Bromobenzene	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**0.117**
Bromochloromethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.0336	--	< 0.0192
Bromodichloromethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0770
Bromoform	NS	NS	NS	--	< 0.0370	--	< 0.0171	--	**0.00886**	--	< 0.0192
Bromomethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**0.0363**
Carbon Disulfide	1000	NS	2.7	--	< 0.00925	--	< 0.0682	--	**0.101**	--	< 0.0192
Carbon Tetrachloride	44	NS	0.76	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**1.36**
Chlorobenzene	1000	40	1.1	--	**0.0304**	--	< 0.0171	--	< 0.00840	--	< 0.0192
Chloroethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
Chloroform	700	12	0.37	--	< 0.00925	--	< 0.0171	--	**0.0248**	--	< 0.0192
Chloromethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	**42.8**	--	**0.371**
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**50.1**
cis-1,3-Dichloropropene	NS	NS	NS	--	**51**	--	< 0.0171	--	< 0.00840	--	< 0.0192
Dibromochloromethane	NS	10	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
Dibromomethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.0168	--	< 0.0385
Dichlorodifluoromethane	NS	NS	NS	--	< 0.0185	--	< 0.0171	--	< 0.0168	--	< 0.0385
Ethylbenzene	780	NS	1	--	< 0.0185	--	< 0.0171	--	**0.0108**	--	< 0.0385
Iodomethane	NS	NS	NS	--	< 0.0185	--	< 0.0341	--	< 0.00840	--	**0.0993**
Methylene Chloride	1000	12	0.05	--	< 0.00925	--	**0.0177**	--	< 0.00840	--	< 0.0192
n-Hexane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0192
Styrene	NS	300	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	**45.9**

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP13 0-2 10/29/09	WP-SP13 12-15 10/29/09	WP-SP14 0-2 10/30/09	WP-SP14 6-8 10/30/09	WP-SP15 0-2 10/29/09	WP-SP15 2-4 10/29/09	WP-SP16 0-2 10/29/09	WP-SP16 6-8 10/29/09
Tetrachloroethene	300	2	1.3	--	**47.2**	--	< 0.0171	--	< 0.00840	--	< 0.0192
Toluene	1000	36	0.7	--	< 0.00925	--	< 0.0171	--	**0.01**	--	< 0.0192
trans-1,2-Dichloroethene	1000	NS	0.19	--	< 0.00925	--	< 0.0171	--	< 0.0168	--	< 0.0192
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	< 0.00840	--	< 0.0385
Trichloroethene	400	2	0.47	--	< 0.0185	--	< 0.0171	--	**1.64**	--	< 0.0192
Trichlorofluoromethane	NS	NS	NS	--	< 0.00925	--	< 0.0171	--	**1.62**	--	**18.8**
m,p-Xylene	1000	0.26	1.6	--	**0.0204**	--	< 0.0341	--	< 0.00840	--	< 0.0192
o-Xylene	1000	0.26	1.6	--	< 0.00925	--	< 0.0171	--	**35.4**	--	< 0.0192
Vinyl acetate	NS	NS	NS	--	< 0.289	--	< 0.0341	--	**39.5**	--	**194**
Vinyl Chloride	27	NS	0.02	--	**33.9**	--	< 0.0171	--	**47.8**	--	**14.4**
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,4-Dichlorophenol	NS	20	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,4-Dimethylphenol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,4-Dinitrophenol	NS	20	0.2	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,6-Dichlorophenol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2-Chloronaphthalene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2-Chlorophenol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2-Methylnaphthalene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2-Methylphenol	1000	NS	0.33	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
2-Nitrophenol	NS	7	0.3	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP13 0-2 10/29/09	WP-SP13 12-15 10/29/09	WP-SP14 0-2 10/30/09	WP-SP14 6-8 10/30/09	WP-SP15 0-2 10/29/09	WP-SP15 2-4 10/29/09	WP-SP16 0-2 10/29/09	WP-SP16 6-8 10/29/09
3 & 4-Methylphenol	1000	NS	0.33	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
4-Nitrophenol	NS	7	0.1	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Acenaphthene	1000	20	98	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Acenaphthylene	1000	NS	107	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Acetophenone	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Aniline	1000	NS	0.33	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Anthracene	1000	NS	1000	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benz(a)anthracene	11	NS	1	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benzidine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benzo(a)pyrene	1.1	2.6	22	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Benzyl Alcohol	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.115	--	< 0.132	--	**1.78**	--	**0.653**
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Butyl benzyl phthalate	NS	NS	100	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Chrysene	110	NS	1	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Dibenzofuran	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Diethyl phthalate	NS	100	7.1	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Dimethyl phthalate	NS	200	7.0	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Di-n-octyl phthalate	NS	100	100	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Fluoranthene	1000	NS	1000	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP13 0-2 10/29/09	WP-SP13 12-15 10/29/09	WP-SP14 0-2 10/30/09	WP-SP14 6-8 10/30/09	WP-SP15 0-2 10/29/09	WP-SP15 2-4 10/29/09	WP-SP16 0-2 10/29/09	WP-SP16 6-8 10/29/09
Fluorene	1000	30	386	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Hexachlorobenzene	12	NS	3.2	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Hexachlorobutadiene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Hexachloroethane	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Hexachloropropene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Isophorone	NS	NS	4.4	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Naphthalene	1000	NS	12	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Nitrobenzene	140	40	0.330	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Pentachlorobenzene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Pentachloronitrobenzene	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Pentachlorophenol	55	0.8	0.8	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Phenanthrene	1000	NS	1000	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Phenol	1000	30	0.33	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Pyrene	1000	NS	1000	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126
Pyridine	NS	NS	NS	--	< 0.115	--	< 0.132	--	< 0.131	--	< 0.126

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP17 0-2 10/29/09	WP-SP17 6-8 10/29/09	WP-SP18 0-2 10/30/09	WP-SP18 2-4 10/30/09	WP-SP18 6-8 10/30/09	WP-SP19 0-2 10/29/09	WP-SP19 6-8 10/29/09	WP-SP20 0-2 10/29/09
Metals (mg/kg = ppm)											
Antimony	NS	5	NS	< 5.94	< 7.41	< 4.78	--	--	< 5.70	< 7.11	< 6.32
Arsenic	16	13	16	**9.23**	**10.8**	**3.91**	--	--	**6.61**	**9.62**	**5.80**
Barium	10000	433	820	**105**	**164**	**50.2**	--	--	**588**	**202**	**145**
Beryllium	2700	10	47	**0.648**	**1.24**	< 0.478	--	--	< 0.570	**1.39**	**0.637**
Cadmium	60	4	7.5	**1.21**	**1.76**	< 0.956	--	--	**1.20**	**1.98**	**1.42**
Chromium *	800/6800	1/41	19/NS	**28.0**	**28.4**	**13.9**	--	--	**22.6**	**33.4**	**17.4**
Copper	10000	50	1720	**27.3**	**36.9**	**18.1**	--	--	**33.7**	**45.5**	**20.3**
Lead	3900	63	450	**43.7**	**21.9**	**16.6**	--	--	**33.1**	**15.6**	**20.1**
Nickel	10000	30	130	**22.9**	**42.8**	**18.4**	--	--	**20.5**	**38.1**	**21.4**
Selenium	6800	3.9	4	< 5.94	< 7.41	< 4.78	--	--	< 5.70	< 7.11	< 6.32
Silver	6800	2	8.3	< 1.19	< 1.48	< 0.956	--	--	< 1.14	< 1.42	< 1.26
Thallium	NS	1	NS	< 5.94	< 7.41	< 4.78	--	--	< 5.70	< 7.11	< 6.32
Zinc	10000	109	2480	**1220**	**5080**	**2060**	--	--	**4890**	**10100**	**573**
Mercury	5.7	0.18	0.73	< 0.114	< 0.139	< 0.0959	--	--	< 0.116	< 0.133	< 0.119
VOCS (mg/kg = ppm)											
Acetone	1000	2.2	0.05	--	**11.7**	--	**0.253**	**34.2**	--	< 0.0450	--
2-Butanone (MEK)	1000	100	0.12	--	< 0.0422	--	< 0.0441	**6.07**	--	< 0.0562	--
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	--	< 0.0211	--	< 0.0221	< 0.0194	--	< 0.0112	--
1,1,1,2-Tetrachloroethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,1,1-Trichloroethane	1000	NS	0.68	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,1,2,2-Tetrachloroethane	NS	NS	0.6	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,1,2-Trichloroethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,1-Dichloroethane	480	NS	0.27	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.0222**	--
1,1-Dichloroethene	1000	NS	0.33	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,1-Dichloropropene	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,2-Dibromoethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
1,2-Dichloroethane	60	10	0.02	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.013**	--
1,2-Dichloropropane	NS	700	NS	--	**0.11**	--	< 0.0110	**0.0103**	--	< 0.0112	--
1,3-Dichloropropane	NS	NS	0.3	--	**0.886**	--	**0.0171**	**0.127**	--	< 0.0112	--
2,2-Dichloropropane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0450	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP17 0-2 10/29/09	WP-SP17 6-8 10/29/09	WP-SP18 0-2 10/30/09	WP-SP18 2-4 10/30/09	WP-SP18 6-8 10/30/09	WP-SP19 0-2 10/29/09	WP-SP19 6-8 10/29/09	WP-SP20 0-2 10/29/09
2-Chloroethyl vinyl ether	NS	NS	NS	--	< 0.0528	--	< 0.0552	< 0.0486	--	< 0.0112	--
2-Chlorotoluene	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0450	--
2-Hexanone	NS	NS	NS	--	< 0.0422	--	< 0.0441	< 0.0388	--	**37.8**	--
4-Chlorotoluene	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.124**	--
4-Methyl-2-pentanone	NS	NS	NS	--	< 0.0422	--	< 0.0441	< 0.0388	--	< 0.0899	--
Acetonitrile	NS	NS	NS	--	< 0.0845	--	< 0.0883	< 0.0777	--	< 0.0450	--
Acrolein	NS	NS	NS	--	< 0.0422	--	< 0.0441	< 0.0388	--	< 0.0225	--
Acrylonitrile	NS	NS	NS	--	< 0.0422	--	< 0.0441	< 0.0388	--	**0.0223**	--
Allyl chloride	NS	NS	NS	--	< 0.0211	--	< 0.0221	< 0.0194	--	**0.0274**	--
Benzene	89	70	0.06	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.349**	--
Bromobenzene	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.0922**	--
Bromochloromethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Bromodichloromethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0450	--
Bromoform	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Bromomethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.038**	--
Carbon Disulfide	1000	NS	2.7	--	< 0.0422	--	< 0.0441	< 0.0388	--	< 0.0112	--
Carbon Tetrachloride	44	NS	0.76	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Chlorobenzene	1000	40	1.1	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Chloroethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Chloroform	700	12	0.37	--	< 0.0106	--	< 0.0110	< 0.00971	--	**43.7**	--
Chloromethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
cis-1,2-Dichloroethene	1000	NS	0.25	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
cis-1,3-Dichloropropene	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Dibromochloromethane	NS	10	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0225	--
Dibromomethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0225	--
Dichlorodifluoromethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.0119**	--
Ethylbenzene	780	NS	1	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Iodomethane	NS	NS	NS	--	< 0.0211	--	< 0.0221	< 0.0194	--	< 0.0112	--
Methylene Chloride	1000	12	0.05	--	< 0.0106	--	< 0.0110	**0.0129**	--	< 0.0112	--
n-Hexane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**41**	--
Styrene	NS	300	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP17 0-2 10/29/09	WP-SP17 6-8 10/29/09	WP-SP18 0-2 10/30/09	WP-SP18 2-4 10/30/09	WP-SP18 6-8 10/30/09	WP-SP19 0-2 10/29/09	WP-SP19 6-8 10/29/09	WP-SP20 0-2 10/29/09
Tetrachloroethene	300	2	1.3	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.0507**	--
Toluene	1000	36	0.7	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
trans-1,2-Dichloroethene	1000	NS	0.19	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
trans-1,3-Dichloropropene	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**23.3**	--
Trichloroethene	400	2	0.47	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.605**	--
Trichlorofluoromethane	NS	NS	NS	--	< 0.0106	--	< 0.0110	< 0.00971	--	**0.253**	--
m,p-Xylene	1000	0.26	1.6	--	< 0.0211	--	< 0.0221	< 0.0194	--	< 0.0112	--
o-Xylene	1000	0.26	1.6	--	< 0.0106	--	< 0.0110	< 0.00971	--	< 0.0112	--
Vinyl acetate	NS	NS	NS	--	< 0.0211	--	< 0.0221	< 0.0194	--	**0.352**	--
Vinyl Chloride	27	NS	0.02	--	< 0.0106	--	< 0.0110	< 0.00971	--	**10.3**	--
SVOCS (mg/kg = ppm)											
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
1,2,4-Trichlorobenzene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
1,2-Dichlorobenzene	1000	NS	1.1	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
1,2-Diphenylhydrazine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
1,3-Dichlorobenzene	560	NS	2.4	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
1,4-Dichlorobenzene	250	NS	1.8	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,3,4,6-Tetrachlorophenol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,4,5-Trichlorophenol	NS	4	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,4,6-Trichlorophenol	NS	10	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,4-Dichlorophenol	NS	20	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,4-Dimethylphenol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,4-Dinitrophenol	NS	20	0.2	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,4-Dinitrotoluene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,6-Dichlorophenol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2,6-Dinitrotoluene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2-Chloronaphthalene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2-Chlorophenol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2-Methylnaphthalene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2-Methylphenol	1000	NS	0.33	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
2-Nitrophenol	NS	7	0.3	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP17 0-2 10/29/09	WP-SP17 6-8 10/29/09	WP-SP18 0-2 10/30/09	WP-SP18 2-4 10/30/09	WP-SP18 6-8 10/30/09	WP-SP19 0-2 10/29/09	WP-SP19 6-8 10/29/09	WP-SP20 0-2 10/29/09
3 & 4-Methylphenol	1000	NS	0.33	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
4,6-Dinitro-2-methylphenol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
4-Bromophenyl phenyl ether	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
4-Chloro-3-methylphenol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
4-Chlorophenyl phenyl ether	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
4-Nitrophenol	NS	7	0.1	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Acenaphthene	1000	20	98	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Acenaphthylene	1000	NS	107	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Acetophenone	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Aniline	1000	NS	0.33	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Anthracene	1000	NS	1000	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benz(a)anthracene	11	NS	1	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benzidine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benzo(a)pyrene	1.1	2.6	22	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benzo(b)fluoranthene	11	NS	1.7	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benzo(g,h,i)perylene	1000	NS	1000	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benzo(k)fluoranthene	110	NS	1.7	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Benzyl Alcohol	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Bis(2-chloroethoxy)methane	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
bis-(2-Chloroethyl)ether	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Bis(2-chloroisopropyl)ether	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	**0.633**	--
Bis(2-ethylhexyl)phthalate	NS	239	100	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Butyl benzyl phthalate	NS	NS	100	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Chrysene	110	NS	1	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Dibenz(a,h)anthracene	1.1	NS	1000	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Dibenzofuran	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Diethyl phthalate	NS	100	7.1	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Dimethyl phthalate	NS	200	7.0	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Di-n-butyl phthalate	NS	0.014	8.1	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Di-n-octyl phthalate	NS	100	100	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Fluoranthene	1000	NS	1000	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
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Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP17 0-2 10/29/09	WP-SP17 6-8 10/29/09	WP-SP18 0-2 10/30/09	WP-SP18 2-4 10/30/09	WP-SP18 6-8 10/30/09	WP-SP19 0-2 10/29/09	WP-SP19 6-8 10/29/09	WP-SP20 0-2 10/29/09
Fluorene	1000	30	386	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Hexachlorobenzene	12	NS	3.2	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Hexachlorobutadiene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Hexachlorocyclopentadiene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Hexachloroethane	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Hexachloropropene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Indeno(1,2,3-cd)pyrene	11	NS	8.2	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Isophorone	NS	NS	4.4	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Naphthalene	1000	NS	12	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Nitrobenzene	140	40	0.330	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
N-Nitrosodimethylamine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
N-Nitroso-di-n-butylamine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
N-Nitrosodi-n-propylamine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
N-Nitrosodiphenylamine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Pentachlorobenzene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Pentachloronitrobenzene	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Pentachlorophenol	55	0.8	0.8	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Phenanthrene	1000	NS	1000	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Phenol	1000	30	0.33	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Pyrene	1000	NS	1000	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--
Pyridine	NS	NS	NS	--	< 0.135	--	< 0.132	< 0.133	--	< 0.129	--

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 1
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS

Sample Number Sample Depth (feet) Collection Date	NYDEC Industrial Land Use Standard	NYDEC Protection of Ecological Standard	NYDEC Protection of Groundwater Standard	WP-SP20 2-4 10/29/09	WP-SP20 6-8 10/29/09	WP-SP21 0-2 10/30/09	WP-SP21 6-8 10/30/09	WP-SP23 0-2 10/30/09	WP-SP23 6-8 10/30/09	WP-SP23 DUP 6-8 10/30/09
Metals (mg/kg = ppm)										
Antimony	NS	5	NS	--	--	< 5.25	--	< 5.47	< 7.25	--
Arsenic	16	13	16	--	--	**7.71**	--	**6.83**	**8.87**	--
Barium	10000	433	820	--	--	**62.9**	--	**87.9**	**288**	--
Beryllium	2700	10	47	--	--	**0.563**	--	< 0.547	**0.910**	--
Cadmium	60	4	7.5	--	--	< 1.05	--	< 1.09	< 1.45	--
Chromium *	800/6800	1/41	19/NS	--	--	**17.7**	--	**17.7**	**24.2**	--
Copper	10000	50	1720	--	--	**37.9**	--	**30.0**	**235**	--
Lead	3900	63	450	--	--	**15.7**	--	**16.1**	**17.7**	--
Nickel	10000	30	130	--	--	**23.7**	--	**25.1**	**33.6**	--
Selenium	6800	3.9	4	--	--	< 5.25	--	< 5.47	< 7.25	--
Silver	6800	2	8.3	--	--	< 1.05	--	< 1.09	< 1.45	--
Thallium	NS	1	NS	--	--	< 5.25	--	< 5.47	< 7.25	--
Zinc	10000	109	2480	--	--	**102**	--	**200**	**77000**	--
Mercury	5.7	0.18	0.73	--	--	< 0.111	--	< 0.105	< 0.129	--
VOCS (mg/kg = ppm)										
Acetone	1000	2.2	0.05	**0.331**	< 0.0375	--	**1.01**	--	**11.1**	< 0.0914
2-Butanone (MEK)	1000	100	0.12	< 0.0607	< 0.00936	--	< 0.112	--	**5.82**	**0.0509**
Methyl tert-Butyl Ether (MIBK)	1000	NS	0.93	< 0.0304	< 0.00936	--	< 0.0561	--	< 0.0428	**0.0497**
1,1,1,2-Tetrachloroethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
1,1,1-Trichloroethane	1000	NS	0.68	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
1,1,2,2-Tetrachloroethane	NS	NS	0.6	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
1,1,2-Trichloroethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
1,1-Dichloroethane	480	NS	0.27	< 0.0152	**0.0341**	--	< 0.0280	--	< 0.0214	< 0.0114
1,1-Dichloroethene	1000	NS	0.33	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
1,1-Dichloropropene	NS	NS	NS	< 0.0152	**0.0117**	--	< 0.0280	--	< 0.0214	< 0.0114
1,2-Dibromoethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
1,2-Dichloroethane	60	10	0.02	< 0.0152	**0.0129**	--	< 0.0280	--	< 0.0214	< 0.0114
1,2-Dichloropropane	NS	700	NS	< 0.0152	< 0.00936	--	< 0.0280	--	**0.251**	**0.834**
1,3-Dichloropropane	NS	NS	0.3	**0.134**	< 0.0375	--	< 0.0280	--	**0.189**	**0.27**
2,2-Dichloropropane	NS	NS	NS	< 0.0152	< 0.0468	--	< 0.0280	--	< 0.0214	< 0.0114

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2-Chloroethyl vinyl ether	NS	NS	NS	< 0.0759	< 0.0375	--	< 0.140	--	< 0.107	< 0.0571
2-Chlorotoluene	NS	NS	NS	< 0.0152	**39.8**	--	< 0.0280	--	< 0.0214	< 0.0114
2-Hexanone	NS	NS	NS	< 0.0607	< 0.00936	--	< 0.112	--	< 0.0856	< 0.0457
4-Chlorotoluene	NS	NS	NS	< 0.0152	< 0.0749	--	< 0.0280	--	< 0.0214	< 0.0114
4-Methyl-2-pentanone	NS	NS	NS	< 0.0607	< 0.0375	--	< 0.112	--	< 0.0856	< 0.0457
Acetonitrile	NS	NS	NS	< 0.121	< 0.0187	--	< 0.224	--	< 0.171	< 0.0457
Acrolein	NS	NS	NS	< 0.0607	**0.0233**	--	< 0.112	--	< 0.0856	< 0.0457
Acrylonitrile	NS	NS	NS	< 0.0607	**0.114**	--	< 0.112	--	< 0.0856	< 0.0228
Allyl chloride	NS	NS	NS	< 0.0304	**0.0264**	--	< 0.0561	--	< 0.0428	< 0.0114
Benzene	89	70	0.06	< 0.0152	**0.133**	--	< 0.0280	--	< 0.0214	< 0.0114
Bromobenzene	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Bromochloromethane	NS	NS	NS	< 0.0152	< 0.0375	--	< 0.0280	--	< 0.0214	< 0.0114
Bromodichloromethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Bromoform	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Bromomethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0457
Carbon Disulfide	1000	NS	2.7	< 0.0607	< 0.00936	--	< 0.112	--	< 0.0856	< 0.0114
Carbon Tetrachloride	44	NS	0.76	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Chlorobenzene	1000	40	1.1	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Chloroethane	NS	NS	NS	< 0.0152	**44.1**	--	< 0.0280	--	< 0.0214	**0.114**
Chloroform	700	12	0.37	< 0.0152	< 0.00936	--	< 0.0280	--	**0.0779**	< 0.0114
Chloromethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
cis-1,2-Dichloroethene	1000	NS	0.25	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
cis-1,3-Dichloropropene	NS	NS	NS	< 0.0152	< 0.0187	--	< 0.0280	--	< 0.0214	< 0.0114
Dibromochloromethane	NS	10	NS	< 0.0152	< 0.0187	--	< 0.0280	--	< 0.0214	**52.6**
Dibromomethane	NS	NS	NS	< 0.0152	**0.0157**	--	< 0.0280	--	< 0.0214	< 0.0114
Dichlorodifluoromethane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Ethylbenzene	780	NS	1	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0228
Iodomethane	NS	NS	NS	< 0.0304	< 0.00936	--	< 0.0561	--	< 0.0428	< 0.0228
Methylene Chloride	1000	12	0.05	< 0.0152	**39.6**	--	< 0.0280	--	**0.0223**	< 0.0114
n-Hexane	NS	NS	NS	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Styrene	NS	300	NS	< 0.0152	**0.0153**	--	< 0.0280	--	< 0.0214	< 0.0114

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Tetrachloroethene	300	2	1.3	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Toluene	1000	36	0.7	< 0.0152	< 0.0187	--	< 0.0280	--	< 0.0214	**47.9**
trans-1,2-Dichloroethene	1000	NS	0.19	< 0.0152	**5.68**	--	< 0.0280	--	< 0.0214	< 0.0114
trans-1,3-Dichloropropene	NS	NS	NS	< 0.0152	**0.463**	--	< 0.0280	--	< 0.0214	< 0.0114
Trichloroethene	400	2	0.47	< 0.0152	**0.633**	--	< 0.0280	--	< 0.0214	< 0.0114
Trichlorofluoromethane	NS	NS	NS	< 0.0152	**0.213**	--	< 0.0280	--	< 0.0214	< 0.0228
m,p-Xylene	1000	0.26	1.6	< 0.0304	< 0.00936	--	< 0.0561	--	< 0.0428	< 0.0228
o-Xylene	1000	0.26	1.6	< 0.0152	< 0.00936	--	< 0.0280	--	< 0.0214	< 0.0114
Vinyl acetate	NS	NS	NS	< 0.0304	**40.4**	--	< 0.0561	--	< 0.0428	< 0.0114
Vinyl Chloride	27	NS	0.02	< 0.0152	**14.6**	--	< 0.0280	--	< 0.0214	**59.2**
SVOCS (mg/kg = ppm)										
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
1,2,4-Trichlorobenzene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
1,2-Dichlorobenzene	1000	NS	1.1	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
1,2-Diphenylhydrazine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
1,3-Dichlorobenzene	560	NS	2.4	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
1,4-Dichlorobenzene	250	NS	1.8	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,3,4,6-Tetrachlorophenol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,4,5-Trichlorophenol	NS	4	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,4,6-Trichlorophenol	NS	10	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,4-Dichlorophenol	NS	20	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,4-Dimethylphenol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,4-Dinitrophenol	NS	20	0.2	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,4-Dinitrotoluene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,6-Dichlorophenol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2,6-Dinitrotoluene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2-Chloronaphthalene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2-Chlorophenol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2-Methylnaphthalene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2-Methylphenol	1000	NS	0.33	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
2-Nitrophenol	NS	7	0.3	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129

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3 & 4-Methylphenol	1000	NS	0.33	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
4,6-Dinitro-2-methylphenol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
4-Bromophenyl phenyl ether	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
4-Chloro-3-methylphenol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
4-Chlorophenyl phenyl ether	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
4-Nitrophenol	NS	7	0.1	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Acenaphthene	1000	20	98	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Acenaphthylene	1000	NS	107	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Acetophenone	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Aniline	1000	NS	0.33	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Anthracene	1000	NS	1000	**0.158**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benz(a)anthracene	11	NS	1	**1.01**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benzidine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benzo(a)pyrene	1.1	2.6	22	**0.721**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benzo(b)fluoranthene	11	NS	1.7	**0.870**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benzo(g,h,i)perylene	1000	NS	1000	**0.713**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benzo(k)fluoranthene	110	NS	1.7	**0.604**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Benzyl Alcohol	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Bis(2-chloroethoxy)methane	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
bis-(2-Chloroethyl)ether	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Bis(2-chloroisopropyl)ether	NS	NS	NS	< 0.115	**0.592**	--	< 0.126	--	**0.827**	< 0.129
Bis(2-ethylhexyl)phthalate	NS	239	100	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Butyl benzyl phthalate	NS	NS	100	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Chrysene	110	NS	1	**0.948**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Dibenz(a,h)anthracene	1.1	NS	1000	**0.250**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Dibenzofuran	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Diethyl phthalate	NS	100	7.1	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Dimethyl phthalate	NS	200	7.0	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Di-n-butyl phthalate	NS	0.014	8.1	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Di-n-octyl phthalate	NS	100	100	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Fluoranthene	1000	NS	1000	**1.63**	< 0.106	--	< 0.126	--	< 0.132	< 0.129

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Fluorene	1000	30	386	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Hexachlorobenzene	12	NS	3.2	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Hexachlorobutadiene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Hexachlorocyclopentadiene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Hexachloroethane	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Hexachloropropene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Indeno(1,2,3-cd)pyrene	11	NS	8.2	**0.831**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Isophorone	NS	NS	4.4	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Naphthalene	1000	NS	12	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Nitrobenzene	140	40	0.330	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
N-Nitrosodimethylamine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
N-Nitroso-di-n-butylamine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
N-Nitrosodi-n-propylamine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
N-Nitrosodiphenylamine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Pentachlorobenzene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Pentachloronitrobenzene	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Pentachlorophenol	55	0.8	0.8	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Phenanthrene	1000	NS	1000	**0.808**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Phenol	1000	30	0.33	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Pyrene	1000	NS	1000	**1.45**	< 0.106	--	< 0.126	--	< 0.132	< 0.129
Pyridine	NS	NS	NS	< 0.115	< 0.106	--	< 0.126	--	< 0.132	< 0.129

Notes:

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration above standc

Indicates concentration exceeds two

* for chrome standards, lower number

NS No Standard

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 2
SUMMARY OF SOIL SAMPLES THAT EXCEED CLEANUP STANDARDS

	Number of samples analyzed	Number of samples above Industrial Standard	Number of samples above Ecological Standard	Number of samples above Groundwater Standard	Area of site where predominant
METALS					
Zinc	80	14	44	21	SW & NW & N side of bldg C, WP area
Lead	85	0	21	1	SW & NW side of bldg C, pump bldg
Mercury	81	4	19	11	SW & NW & N side of bldg C, pump bldg
Copper	80	0	19	2	SW & NW & N side of bldg C, WP area
Chromium	80	1	13	12	SW & NW side of bldg C, WP area
Nickel	80	0	12	1	N side of bldg C, WP area
Barium	81	0	7	5	SW side of bldg C, WP area
Cadmium	80	1	4	2	SW & NW side of bldg C
Arsenic	80	1	1	1	
Selenium	81	0	2	2	pump bldg
Thallium	80	NS	2	NS	SW & NW side of bldg C
Antimony	80	NS	1	NS	SW side of bldg C
Beryllium	80	0	1	0	SW side of bldg C
VOC					
Vinyl Chloride	39	3	NS	19	NW & N side of bldg C, WP area
Acetone	39	0	7	11	NW side of bldg C, WP area
Trichloroethene	39	0	3	7	WP area
Tetrachloroethene	39	0	5	5	NW side of bldg C, WP area
Xylenes	39	0	5	5	WP area
1,2-Dichloropropane	39	0	0	5	WP area
1,3-Dichloropropane	39	0	0	5	WP area
Toluene	39	0	3	4	NW side of bldg C, WP area
MEK	39	0	0	5	WP area
Benzene	39	0	0	4	NW side of bldg C, WP area
Cis-1,2-Dichloroethene	39	0	0	3	WP area
Chloroform	39	0	2	2	WP area
Methylene Chloride	39	0	1	3	NW side of bldg C, WP area
Carbon Disulfide	39	0	0	1	WP area
1,2-Dichloroethane	39	0	1	2	WP area
Dibromochloromethane	39	0	3	0	NW side of bldg C, WP area
Trans-1,2-Dichloroethene	39	0	0	2	WP area
SVOC					
Benz(a)anthracene	39	0	0	1	WP area
Chrysene	39	0	0	1	SW side of bldg C

Note NS = No Standard

Contaminant (mg/kg = ppm)	Average Contaminant Concentration	
Metals		
Arsenic	6.68	
Barium	238.15	
Beryllium	0.62	
Cadmium	6.07	
total Chromium	63.76	
Copper	180.80	
Lead	62.23	
Nickel	22.64	
Selenium	0.60	
Thallium	623.78	
Zinc	18883.47	
Mercury	3.44	
VOCS		
Acetone	8.36	
2-Butanone (MEK)	0.51	
1,2-Dichloroethane	1.18	
1,3-Dichloropropane	0.17	
2-Chloroethyl vinyl ether	4.26	
2-Chlorotoluene	7.93	
2-Hexanone	5.57	
Carbon Disulfide	1.00	
Chloroethane	1.13	
Chloroform	2.34	
Chloromethane	5.51	
cis-1,2-Dichloroethene	3.71	
cis-1,3-Dichloropropene	5.71	
Dibromochloromethane	3.83	
Iodomethane	1.06	
Methylene Chloride	1.05	
n-Hexane	2.10	
Styrene	3.48	
Tetrachloroethene	5.37	
Toluene	3.91	
trans-1,2-Dichloroethene	0.19	
trans-1,3-Dichloropropene	3.69	
Trichloroethene	1.03	
Trichlorofluoromethane	2.03	
o-Xylene	5.09	
Vinyl acetate	9.69	
Vinyl Chloride	6.91	
TOTAL VOCs		96.81 ppm
SVOCS		
Bis(2-chloroisopropyl)ether	0.45	
Chrysene	0.11	
Fluoranthene	0.12	
Pyrene	0.14	
Pyridine	0.16	
TOTAL SVOC		0.98 ppm

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample Number Collection Date	USEPA MCL	C-GW1 10/30/09	C-2W 10/27/04	DW-1 10/28/04
VOC (ug/L = ppb)				
Acetone	--	< 20.0	**430**	**9.5**
2-Butanone (MEK)	--	< 20.0	**33**	<1.6
Methyl tert-Butyl Ether (MTBE)	--	< 10.0	<3.6	<0.90
1,1,1,2-Tetrachloroethane	--	< 5.00	--	--
1,1,1-Trichloroethane	200	< 5.00	<3.6	<0.90
1,1,2,2-Tetrachloroethane	--	< 5.00	<2.8	<0.70
1,1,2-Trichloroethane	5	< 5.00	<3.2	<0.80
1,1-Dichloroethane	--	< 5.00	<1.6	<0.40
1,1-Dichloroethene	7	< 5.00	<3.2	<0.80
1,1-Dichloropropene	--	< 5.00	--	--
1,2-Dibromoethane	--	< 5.00	--	--
1,2-Dichloroethane	5	< 5.00	<2.4	<0.60
1,2-Dichloropropane	5	< 5.00	<2.8	**33**
1,3-Dichloropropane	--	**72.4**	--	--
2,2-Dichloropropane	--	< 5.00	--	--
2-Chloroethyl vinyl ether	--	< 10.0	--	--
2-Chlorotoluene	--	< 5.00	--	--
2-Hexanone	--	< 20.0	<2.8	<0.70
4-Chlorotoluene	--	< 5.00	--	--
4-Methyl-2-pentanone	--	< 20.0	--	--
Acetonitrile	--	< 40.0	--	--
Acrolein	--	< 20.0	--	--
Acrylonitrile	--	< 20.0	--	--
Allyl chloride	--	< 5.00	--	--
Benzene	5	< 5.00	<2.0	<0.50
Bromobenzene	--	< 5.00	--	--
Bromochloromethane	--	< 5.00	--	--
Bromodichloromethane	100	< 5.00	<2.8	<0.70
Bromoform	100	< 5.00	<3.2	<0.80
Bromomethane	--	< 5.00	<11	<2.7
Carbon Disulfide	--	< 20.0	<1.6	<0.40
Carbon Tetrachloride	5	< 5.00	<2.4	<0.60
Chlorobenzene	100	< 5.00	<2.0	<0.50
Chloroethane	--	< 5.00	<6.8	<1.7
Chloroform	100	< 5.00	<2.4	<0.60
Chloromethane	--	< 5.00	<5.6	<1.4
cis-1,2-Dichloroethene	70	**8.44**	<2.8	<0.70
cis-1,3-Dichloropropene	--	< 5.00	<1.6	<0.40
Dibromochloromethane	--	< 5.00	<2.0	<0.50
Dibromomethane	--	< 5.00	--	--
Dichlorodifluoromethane	--	< 5.00	--	--
Ethylbenzene	700	< 5.00	<2.0	<0.50
Iodomethane	--	< 10.0	--	--
Methylene Chloride	5	< 5.00	**3.2**	**0.97**
n-Hexane	--	< 5.00	--	--

ALLIED HEALTHCARE - STUYVESANT FALLS, NEW YORK
TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

Sample Number Collection Date	USEPA MCL	C-GW1 10/30/09	C-2W 10/27/04	DW-1 10/28/04
Styrene	100	< 5.00	<2.8	<0.70
Tetrachloroethene	5	< 5.00	<1.6	<0.40
Toluene	1000	< 5.00	<1.6	<0.40
trans-1,2-Dichloroethene	100	< 5.00	<2.0	<0.50
trans-1,3-Dichloropropene	--	< 5.00	<3.2	<0.80
Trichloroethene	5	**10.9**	<3.2	<0.80
Trichlorofluoromethane	--	< 5.00	--	--
m,p-Xylene	10000	< 10.0	<3.6	<0.90
o-Xylene	10000	< 5.00	<3.6	<0.90
Vinyl acetate	--	< 10.0	--	--
Vinyl Chloride	2	< 1.00	<2.4	<0.60
Metals (ug/L = ppb)				
Antimony	6	--	<5.4	<5.4
Arsenic	10	--	<3.9	<3.9
Barium	2000	--	**454**	**393**
Beryllium	4	--	<0.54	<0.54
Cadmium	5	--	**1.6**	<1.1
Chromium	100	--	**4.9**	<1.3
Copper	1300	--	**443**	**132**
Lead	15	--	**89.7**	**15.3**
Nickel	--	--	**8.2**	<1.9
Mercury	2	--	**0.07**	<0.070
Selenium	50	--	<5.0	<5.0
Silver	--	--	<1.1	<1.1
Thallium	2	--	<10.0	<10.0
Zinc	--	--	**8120**	**76.9**

Indicates concentration above USEPA Maximum Contaminant Level

FIGURES

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\TVOC.dwg Jul 12, 2010 - 10:43am Layout Name: Layout1

NEW ST.

KINDERHOOK ST / CO. RD 25A

WP-20
WP-19
WP-18
WP-17
WP-15
WP-14
WP-16
WP-9
WP-10
WP-11
WP-12
WP-21
WP-13
WP-4
WP-5
WP-6
WP-8
WP-1
WP-2
WP-23
WP-3
WP-7

C-SS23
WASTE PUMP BLDG.
C-SS22
C-SS20
CSS-21
CSS-17
CSS-19

C-SP1
C-SP11
C-SP2
C-SP4
C-SP3
C-SP9
C-SP10
C-SP16
C-SP8
C-SP5
C-SP7
C-SP12
C-SP13
C-SP6
C-SP15
C-SP14

B-SP8
B-SP4
B-SP5
B-SP7
B-SP3
B-SP6
B-SP9
B-SP2
B-SP1
B-SP11
A-SP2
A-SP1

BUILDING C
BUILDING B
BLDG A
PUMP BLDG.
LUNCH BLDG

C-SS23 SOIL BORING LOCATION

N

40 0 40 80
SCALE IN FEET

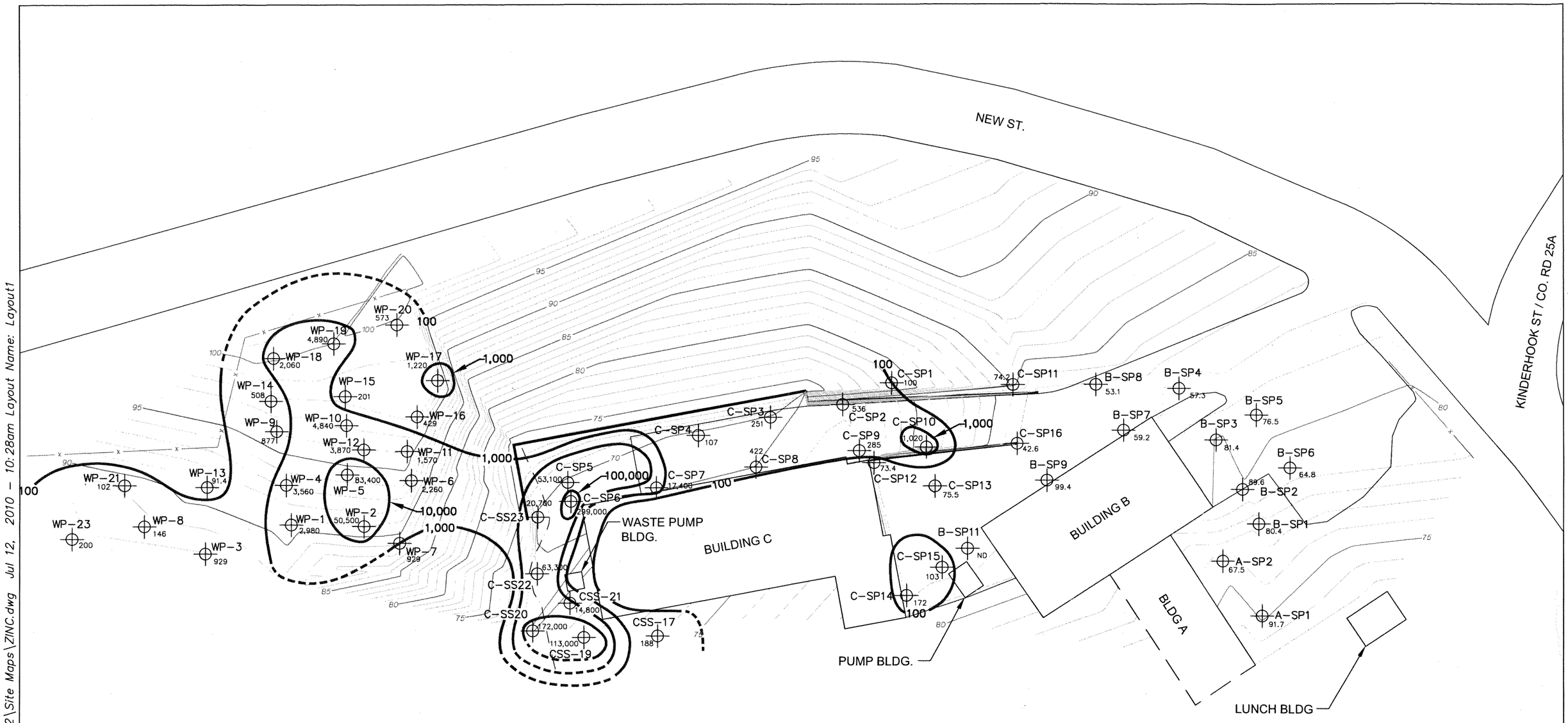
SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	SITE MAP	JAN 2010	AS SHOWN

FIGURE 1

SITE MAP AND SAMPLE LOCATIONS

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY



C-SS23 SOIL BORING LOCATION

PROTECTION OF ECOLOGICAL STANDARD = 109 PPM
PROTECTION OF GROUND WATER STANDARD = 2,480 PPM

N

40 0 40 80
SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
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23209028.00	ZINC	JAN 2010	AS SHOWN

FIGURE 2
SOIL ZINC (PPM) ISOPLETHS ACROSS 0'-2' DEPTH INTERVAL

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\ZINC.dwg Jul 12, 2010 - 10:28am Layout Name: Layout1

NEW ST.

KINDERHOOK ST / CO. RD 25A

BUILDING C

BUILDING B

BLDG A

WASTE PUMP BLDG.

PUMP BLDG.

LUNCH BLDG

WP-1 23.3
WP-2 69.5
WP-3 21.0
WP-4 18.5
WP-5 134
WP-6 28.6
WP-7 17.5
WP-8 20.2
WP-9 15.6
WP-10 20.6
WP-11 16.1
WP-12 11.9
WP-13 16.5
WP-14 27.2
WP-15 43.7
WP-16 19.6
WP-17 43.7
WP-18 16.6
WP-19 33.1
WP-20 20.1
WP-21 15.7
WP-23 16.1

C-SS20 43.9
CSS-19 244
CSS-17 575
CSS-21 225
C-SS22 139
C-SS23 85.5
C-SP6 26.0
C-SP5 157
C-SP7 79.9
C-SP8 155
C-SP4 14.9
C-SP3 47.7
C-SP2 305
C-SP1 56.7
C-SP9 226
C-SP10 35.6
C-SP11 52.3
C-SP12 11.3
C-SP13 24.4
C-SP14 129
C-SP15 337
C-SP16 12.3
B-SP11 113
B-SP9 158
B-SP8 37.4
B-SP7 45.8
B-SP6 30.7
B-SP5 23.1
B-SP4 155
B-SP3 21.6
B-SP2 92.1
B-SP1 27.5
A-SP2 14.8
A-SP1 40.9

C-SS23 SOIL BORING LOCATION

PROTECTION OF ECOLOGICAL STANDARD = 63 PPM
PROTECTION OF GROUND WATER STANDARD = 450 PPM

N

40 0 40 80
SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	LEAD	JAN 2010	AS SHOWN

FIGURE 3

SOIL LEAD (PPM) ISOPLETHS ACROSS 0'-2' DEPTH INTERVAL

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

NEW ST.

KINDERHOOK ST / CO. RD 25A

BUILDING B

BUILDING C

WASTE PUMP BLDG.

PUMP BLDG.

BLDG A

LUNCH BLDG

C–SS23 SOIL BORING LOCATION

PROTECTION OF ECOLOGICAL STANDARD = 0.18 PPM
PROTECTION OF GROUND WATER STANDARD = 0.73 PPM

N

40 0 40 80
SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	MERCURY	JAN 2010	AS SHOWN

FIGURE 4

SOIL MERCURY (PPM) ISOPLETHS
ACROSS 0'-2' DEPTH INTERVAL

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\COPPER.dwg Jul 12, 2010 - 10:30am Layout Name: Layout1

NEW ST.

KINDERHOOK ST / CO. RD 25A

BUILDING C

BUILDING B

BLDG A

WASTE PUMP BLDG.

PUMP BLDG.

LUNCH BLDG

C-SS23 SOIL BORING LOCATION

PROTECTION OF ECOLOGICAL STANDARD = 50 PPM
PROTECTION OF GROUND WATER STANDARD = 1,720 PPM

N

40 0 40 80
SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

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23209028.00	COPPER	JAN 2010	AS SHOWN

FIGURE 5

SOIL COPPER (PPM) ISOPLETHS
ABOVE BEDROCK

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

NEW ST.

KINDERHOOK ST / CO. RD 25A

BUILDING C

BUILDING B

BLDG A

WASTE PUMP BLDG.

PUMP BLDG.

LUNCH BLDG

WP-1 WP-2 WP-3 WP-4 WP-5 WP-6 WP-7 WP-8 WP-9 WP-10 WP-11 WP-12 WP-13 WP-14 WP-15 WP-16 WP-17 WP-18 WP-19 WP-20 WP-21 WP-23

C-SP1 C-SP2 C-SP3 C-SP4 C-SP5 C-SP6 C-SP7 C-SP8 C-SP9 C-SP10 C-SP11 C-SP12 C-SP13 C-SP14 C-SP15 C-SP16

B-SP1 B-SP2 B-SP3 B-SP4 B-SP5 B-SP6 B-SP7 B-SP8 B-SP9 B-SP11

A-SP1 A-SP2

C-SS20 C-SS21 C-SS22 C-SS23 CSS-17 CSS-19

C-SS23 SOIL BORING LOCATION

ANALYSIS WAS FOR TOTAL CHROME. APPLICABLE STANDARDS ARE SPECIES SPECIFIC.

N

40 0 40 80

SCALE IN FEET

SCS ENGINEERS

CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

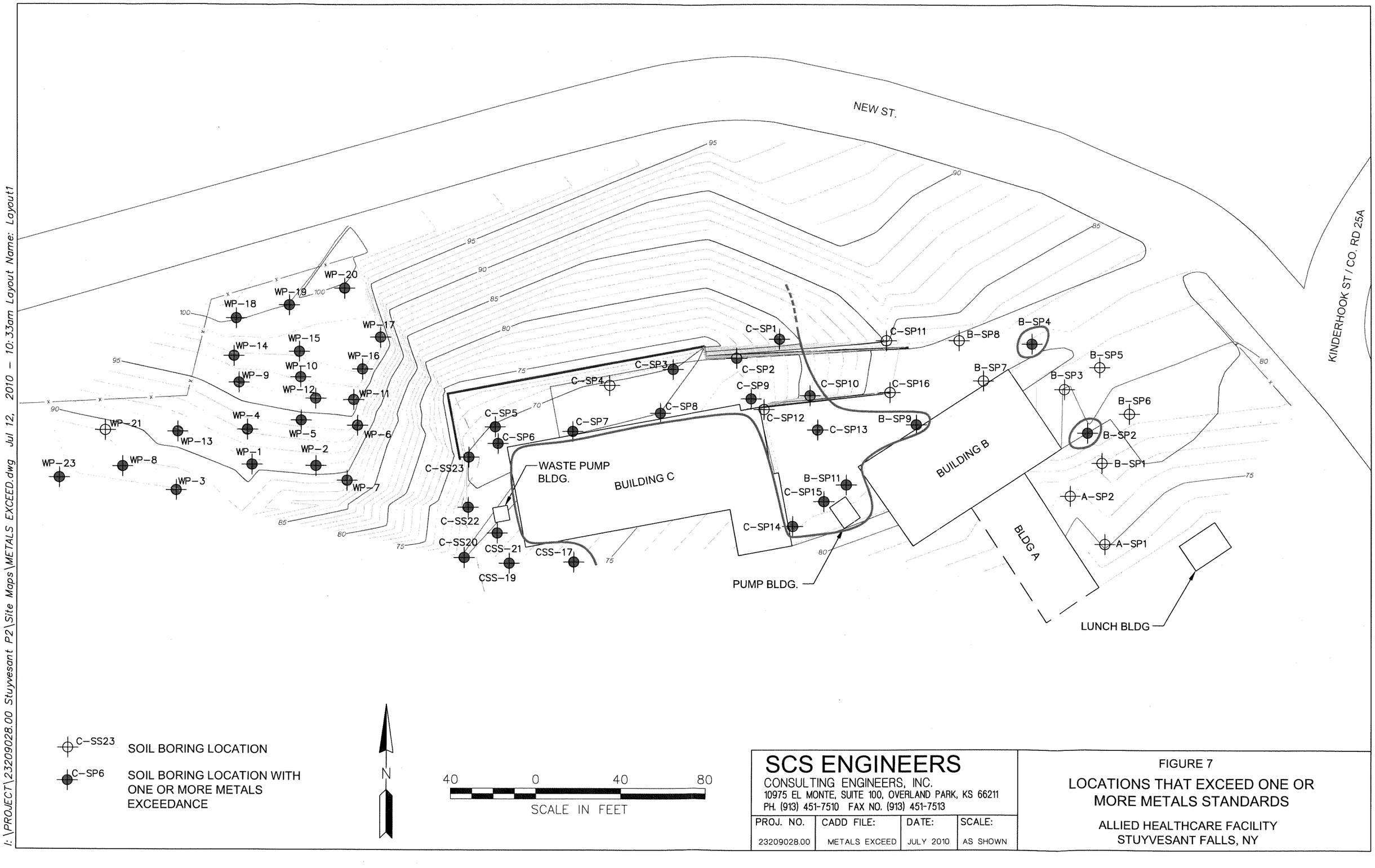
PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	CHROMIUM	JAN 2010	AS SHOWN

FIGURE 6

SOIL CHROMIUM (PPM) ISOPLETHS ACROSS ENTIRE SOIL INTERVAL

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\CHROMIUM.dwg Jul 12, 2010 - 2:38pm Layout Name: Layout1



C-SS23 SOIL BORING LOCATION

C-SP6 SOIL BORING LOCATION WITH ONE OR MORE METALS EXCEEDANCE

N

40 0 40 80

SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

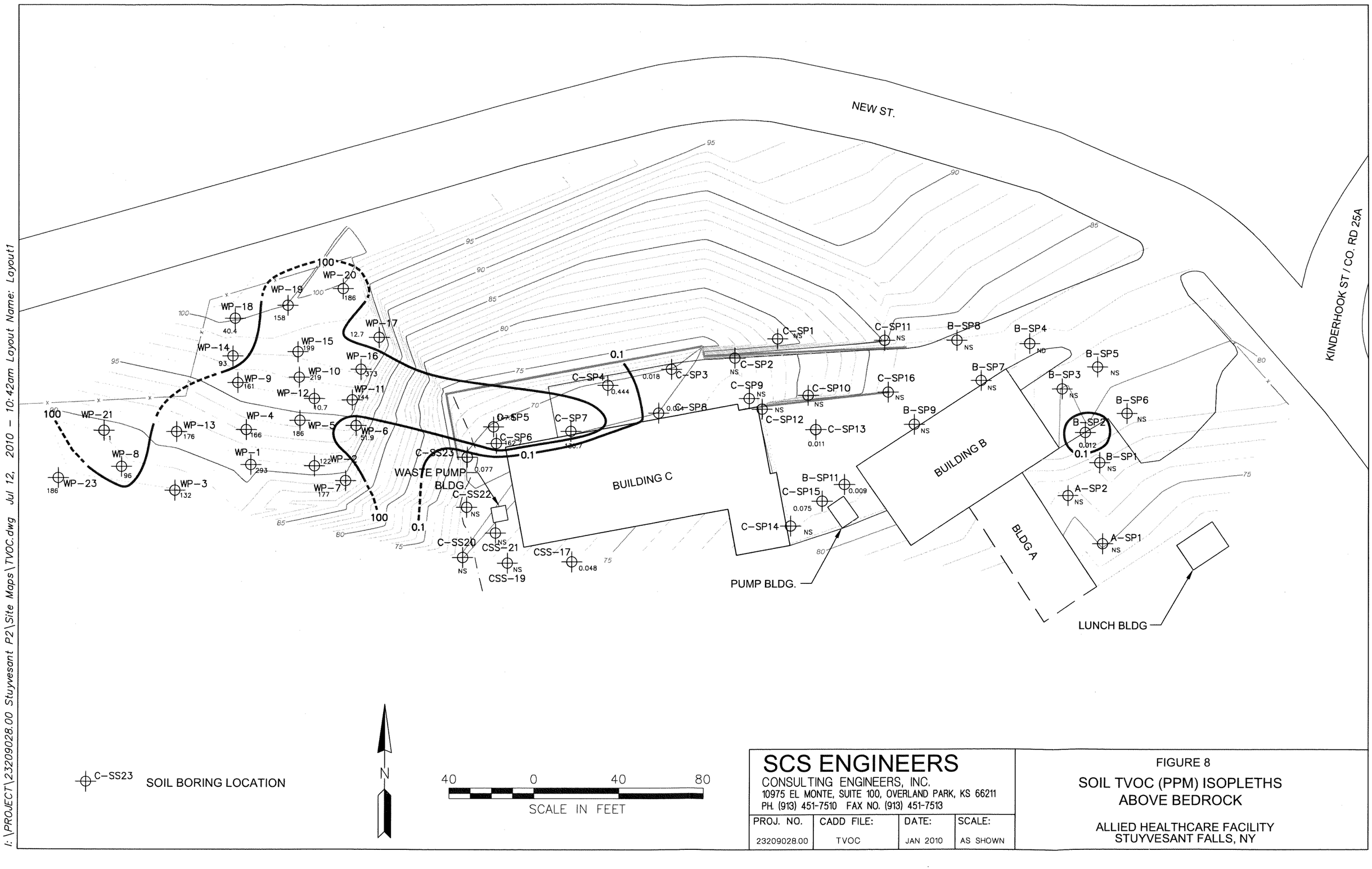
PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	METALS EXCEED	JULY 2010	AS SHOWN

FIGURE 7

LOCATIONS THAT EXCEED ONE OR MORE METALS STANDARDS

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\METALS EXCEED.dwg Jul 12, 2010 - 10:33am Layout Name: Layout1



C-SS23 SOIL BORING LOCATION

N

40 0 40 80

SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

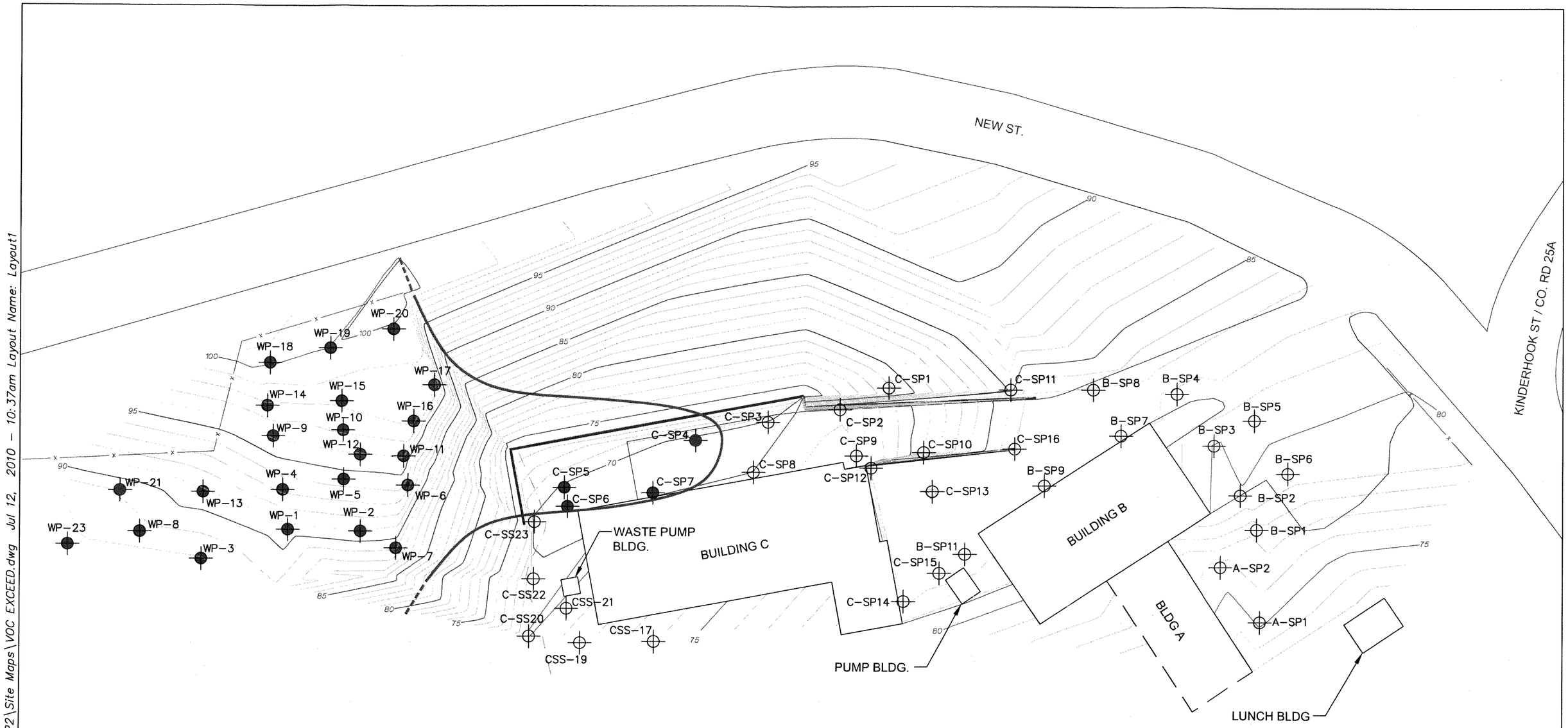
PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	TVOC	JAN 2010	AS SHOWN

FIGURE 8

SOIL TVOC (PPM) ISOPLETHS ABOVE BEDROCK

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\TVOC.dwg Jul 12, 2010 - 10:42am Layout Name: Layout1



C-SS23 SOIL BORING LOCATION

C-SP6 SOIL BORING LOCATION WITH ONE OR MORE VOC EXCEEDANCE

N

40 0 40 80

SCALE IN FEET

SCS ENGINEERS
CONSULTING ENGINEERS, INC.
10975 EL MONTE, SUITE 100, OVERLAND PARK, KS 66211
PH. (913) 451-7510 FAX NO. (913) 451-7513

PROJ. NO.	CADD FILE:	DATE:	SCALE:
23209028.00	VOC EXCEED	JULY 2010	AS SHOWN

FIGURE 9

LOCATIONS THAT EXCEED ONE OR MORE VOC STANDARDS

ALLIED HEALTHCARE FACILITY
STUYVESANT FALLS, NY

I:\PROJECT\23209028.00 Stuyvesant P2\Site Maps\VOC EXCEED.dwg Jul 12, 2010 - 10:37am Layout Name: Layout1