PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT

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EXECUTIVE SUMMARY

This project consisted of a Phase II Environmental Site Assessment ("ESA") at the former Westwood-Squibb Pharmaceuticals, Inc. ("Westwood") manufacturing facility located at 100 Forest Avenue, Buffalo, New York (the "Facility"). Except for a discrete soil sample taken near Building 6, the ESA was confined to the portion of the Facility south of an area that is the subject of an ongoing remedial project undertaken in accordance with a Consent Decree entered into between Westwood and the State of New York on July 10, 1995 (the "Consent Decree"). The ESA was undertaken to satisfy a contractual obligation with respect to a proposed future conveyance of the fee interest in the Facility.

The investigation work at what is referred to herein as the "Non-Consent Decree Portion" of the Facility was broken down into several discrete tasks, but generally involved the investigation of surface and subsurface soils and building pits to determine if there were any impacts from underground storage tanks (USTs), transformers and historic operations.

In general, the subsurface soil investigation found no environmental conditions of concern. No volatile organic compounds (VOCs) or polychlorinated biphenyls (PCBs) were detected in soil samples above the New York State soil cleanup objectives that are set forth in the New York State Department of Environmental Conservation ("DEC")'s soil guidance (TAGM 4046). Some elevated levels of semi-volatile organic compounds (SVOCs) and metals were found, but they were limited in extent. There were no indications of impacts from the former USTs.

Two pits were investigated within the operating facility. The pit in the Wellness Center was found to be two former basement storage rooms. The pit in the alleyway of Building 5 was a former catch basin that discharges to the combined sewer outside the building. There was no indication of any conditions of environmental concern in either pit.

Finally, there was no indication of any PCB releases in the area of a former transformer or where there had been compressor blowdown drainage.

1.0 INTRODUCTION

The objective of the project was to provide information and technical assistance to serve as a basis for legal advice to be provided by Bond, Schoeneck & King, PLLC ("BS&K") with respect to certain known or suspected environmental conditions at the Westwood Facility (see Figures 1 and 2). The investigation at the Facility was conducted to satisfy a contractual obligation of Westwood in connection with the proposed future conveyance of the fee interest in the Facility to Contract Pharmaceuticals Limited Niagara ("CPL").

The Scope of Work was prepared by representatives of Westwood and CPL. On August 26, 2005, Westwood conveyed to CPL a leasehold interest in the Facility. Notice of this conveyance was given to the State of New York by letter dated June 24, 2005 from Attorney Daniel Darragh on behalf of Westwood to the Region 9 office of the DEC (the "Notice Letter") because the conveyance was to include the Consent Decree portion of the Facility. A copy of the Notice Letter is attached as Appendix A.

The specified work tasks are described in a May 2, 2005 Request for Proposal (RFP) issued by de maximis, inc., and a subsequent Addendum No. 1 issued by BS&K on May 19, 2005. The work was broken down into the discrete work tasks that are described in the excerpts from Exhibit 1 to the RFP, a copy of which is attached as Appendix B. Task A (which is described in the original scope of Phase II work – see copy included as part of Appendix B) involved the removal of what is referred to as an 25,000-gallon No. 6 fuel oil underground storage tank (UST). Due to a desire to accelerate this work task, it was deleted from the Phase II ESA work performed by URS.

• Task A - Removal of 25,000-gallon No. 6 fuel oil UST. (In the course of the removal, petroleum was detected and a spill report made to the DEC, which assigned the report spill number 0550407. A Closure Report dated August 11, 2005 was submitted to the DEC by EnSol, Inc., and based on the results of the soil sampling, the DEC concluded in its letter of August 19, 2005 that no further work was required and the site should be closed (the "No Further Action Letter"). Attached in Appendix C as additional background information are copies of the DEC spill report summary, showing the closing of the spill number; the Closure Report without attachments, and the No Further Action Letter.

- Task B Subsurface investigation near a former 15,000-gallon No. 6 fuel oil UST
- Task C Subsurface investigation near a former 10,000-gallon No. 2 fuel oil UST
- Task D Wellness Center pit investigation
- Task E Building 5 alleyway pit investigation
- Task F Former transformer area wipe sampling
- Task G Work task deleted prior to RFP
- Task H Compressor blowdown area point soil sampling
- Task I Subsurface investigation of the "Non-Consent Decree" portion of the Facility

URS coordinated all activities with a project team consisting of Westwood and CPL's technical representatives. The field team consisted of John Alonzo of *de maximis, inc.*, and either Don Miller or Ken Babcock of Westwood, and either Bob Meyers or Jon Nickerson of Ecology and Environment, Inc., CPL's environmental consulting firm. The field team agreed upon all sampling locations, the selection of samples retained for chemical analysis, and the analytical requirements. URS conducted the investigation and photo-documented investigation activities.

To guide its performance of the work, URS prepared and submitted to Westwood a Quality Assurance Project Plan (Appendix D), Field Sampling Plan (Appendix E), and Health and Safety Plan.

2.0 BACKGROUND

The Westwood Facility is approximately 21 acres in size and irregular in shape. West Avenue bounds the Facility to the west, Fernwood Avenue to the northwest, Scajaquada Creek and the Scajaquada Expressway to the north, Danforth and Dart Streets to the east, and Forest Avenue to the south. Properties located to the north and west are mainly industrial while properties to the east and south are residential.

The property and surrounding area are relatively flat. The Facility is surrounded by chain link fencing and monitored by full-time on-site security.

This site traces its history to the Foster-Milburn Company, which was founded in Buffalo in 1876. The Foster-Milburn facilities are first indicated in a 1916 historical Sanborn fire insurance map of the area. The Westwood Division was created in 1940 and focused on the production of skin care products. Foster-Milburn was acquired by the Bristol-Myers Company in 1969. Bristol-Myers merged with Squibb Pharmaceuticals in 1989 and the facility became Westwood Squibb Pharmaceuticals. Portions of the subject area were owned by a variety of individuals or corporations among others: National Fuel Gas, Ross Heater and Manufacturing Company, Inc., Foster-Milburn Company and the Buffalo Incubator Company.

Operations at the Facility are conducted in seven large buildings (Buildings 1 through 9, excluding 8 and considering Buildings 2 and 3 are integrated), and several smaller interconnected buildings occupying a total of approximately 467,000 square feet. The main Facility buildings were built over a period of time beginning in the early 1900's with the most recent constructed in 1986. The area surrounding the buildings consist mostly of paved parking areas (east of Buildings 1 through 7). A second parking lot is located across West Avenue, north of the intersection of West Avenue and Forest Avenue. Facility operations consist primarily of the production of dermatological products and pharmaceuticals.

Buildings 6 and 9 are located on what is referred to as the "Consent Decree" portion of the Facility, which is an area previously occupied by a manufactured gas plant and Westwood is currently remediating that portion of the Facility under the Consent Decree. With the exception of Task H, this Phase II ESA addresses the remainder of the Facility, which is referred to as the "Non-Consent Decree" portion of the Facility.

3.0 INVESTIGATION ACTIVITIES

3.1 <u>Underground Utility Clearance</u>

The investigation began with the mark-out of existing utilities. URS contacted Dig Safely New York to mark-out the locations of underground utilities in the public right-of-way prior to conducting subsurface drilling. URS also used Pipe Dream Services of WNY to locate on-site utilities. Pipe Dream's work was performed on July 5, 2005 and it included tracing signals in live electrical lines and inducing and tracing a signal on ferrous pipes.

Because cast iron, clay, polyvinyl chloride (PVC), and concrete pipe and electrical conduit embedded in reinforced concrete cannot be located by these methods, all subsurface borings locations were hand cleared to an approximate depth of five feet below ground surface (bgs).

3.2 Subsurface Investigations

URS supervised direct-push drilling to advance borings and collect soil samples as required for Tasks B, C, and I at the locations shown in Figure 2. Drilling services were provided by SJB Services Inc. and the work was conducted on July 6, 7, 8, 9 and 11, 2005. All down-hole equipment was decontaminated prior to commencing drilling operations. Down-hole equipment was also decontaminated between each sampling location.

Each boring was advanced using the direct-push drilling while continuously collecting soil samples using four-foot-long, acetate-lined Macro core samplers. The soil borings were advanced to depths ranging from 10 to 28 feet. Areas where asphalt was disturbed were restored using asphalt cold patch and areas where concrete was disturbed were restored with concrete. Drill cuttings and decontamination water were stored onsite in 55-gallon drums for subsequent disposal by Westwood.

URS field screened each soil sample for organic vapors using a photoionization detector (PID) and inspected the soils for visible evidence of contamination (e.g., staining, odors, etc.). PID readings, as well as descriptions of the soils encountered, are shown in the Drilling Logs, a copy of which is provided as Appendix F. A copy of the photograph log maintained by URS for the work is attached as Appendix G.

All samples were submitted under chain-of-custody to Severn Trent Laboratories (STL) located in Amherst, New York.

3.2.1 Task B - Former 15,000-Gallon No. 6 Fuel Oil UST

The investigation near the former 15,000-gallon No. 6 fuel oil UST consisted of advancing one soil boring (B-1) located on the sidewalk of Fernwood Avenue, as physically close to the former UST location as feasible (see Figure 3).

Boring B-1 was advanced to a depth of 16 feet. Two soil samples were retained for chemical analysis from this boring. One soil sample was collected from the 0.85- to 1.4-foot sampling interval located just below the sidewalk concrete and sub-base. The second sample was collected from the 13- to 14.5-foot interval, which represented the bottom of the boring. The water table was not intercepted at this location. No elevated PID readings were observed.

The soil samples were analyzed for the petroleum-related volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) identified in Table 2 from DEC's *Spill Technology and Remediation Series* (STARS) *Memo #1*, dated August 1992. The samples were submitted to STL for analysis of these VOCs and SVOCs using United States Environmental Protection Agency (USEPA) Methods 8021 and 8270, respectively.

3.2.2 Task C - Former 10,000-Gallon No. 2 Fuel Oil UST

The investigation near the former 10,000-gallon No. 2 fuel oil UST consisted of advancing three borings in the vicinity of the former UST located in the Danforth Street parking lot (see Figure 4). The area immediately south of the former UST was previously part of Bradley Street.

Soil boring C-1A was drilled to refusal at 10 feet below grade and appears to have been drilled in the clean backfill within the former tank pit. No samples were collected from this boring.

Two additional borings (C-l and C-2) were completed outside of the former tank pit location. Both soil borings were advanced to depths of 28 feet. The water table was not observed in either boring.

Three soil samples were retained for chemical analysis from boring C-1. The 3- to 3.5-foot sample had a PID reading of 800 parts per million (ppm) and was considered an impacted "contingency" sample. The 5- to 5.5-foot sample, which had a PID reading of 42.6 ppm, was the first sample from below the impacted sample. A third sample was collected from the bottom-sampling interval (i.e., 25- to 26-foot interval). This sample had a PID reading of 0 ppm. Saturated conditions were not observed in this boring.

Two soil samples were collected from boring C-2. The 8- to 9-foot sample was collected from the fill and had a PID reading of 0 ppm. The second sample, from the 24- to 25-foot interval, was from the natural clay near the bottom of the boring and had a PID reading of 0 ppm.

The soil samples were analyzed for the petroleum-related VOCs and SVOCs identified in Table 2 from DEC's STARS. The samples were submitted to STL for analysis of VOCs and SVOCs using USEPA Methods 8021 and 8270, respectively.

The scope of work for Task C included a requirement for taking a groundwater sample at each boring location and analysis for the same constituents as the soil if groundwater was found above the invert of the bottom of the former UST. No groundwater samples were taken because the groundwater table was not encountered in any of the borings.

3.2.3 Task I - Investigation of the Non-Consent Decree Portion of the Site

The investigation in the Non-Consent Decree portion of the Facility consisted of advancing 11 soil borings. The borings were advanced to depths ranging from 16 to 28 feet below grade. Two soil borings (i.e., I-1SB and I-2SB) have the suffix "SB" to denote that these locations were anticipated to be site background.

At least two soil samples were retained from each boring for chemical analysis. One sample was retained from the interval closest to the ground surface (i.e., below asphalt, sidewalk concrete, and subgrade gravel). The second sample was retained from the interval above the water table or, if the water table was not encountered, from the bottom of the boring.

Two "contingency" samples were also collected. In boring I-4, a contingency sample of apparent ash (cinder/slag material) was collected from the 6.75- to 8.5-foot interval. In boring I-8, a contingency sample was collected from the 4- to 4.5-foot interval where an elevated PID

reading of 50.8 ppm was recorded. With the exception of boring I-8, PID readings in the soil borings were less than or equal to 4.3 ppm.

The soil samples were submitted to STL for analysis of VOCs, SVOCs, Gasoline Range Organics (GRO), Diesel Range Organics (DRO), PCBs, and Target Analyte List (TAL) metals using USEPA Methods 8260, 8270, 8015B, 8082, and 9010, respectively.

Borings I-1SB and I-9 were completed as piezometers and are referred to as PS-2 and PS-3, respectively. On August 3, 2005, URS recorded water level data from PS-2, PS-3 and existing piezometer PS-1 located in the parking lot east of Building 6. The water level data from the piezometers indicate that groundwater flow is toward the east (see Table 4). It is noted that the piezometers were installed in a clay deposit, and in such low permeability deposits, groundwater flow is irregular and typically dictated by features such as bedding planes, vertical partings, and the topography of the top of the clay. Consequently, the overall direction of groundwater flow in such deposits is difficult to distinguish. It is likely that regional groundwater flow in the area is to the north toward Scajaquada Creek.

3.3 Pit Investigations

3.3.1 Task D - Wellness Center Pit Investigation

On July 7, 2005, an investigation was performed at the pit located in the plant's Wellness Center. The pit is located beneath a carpeted floor. The investigation included accessing the pit and taking oxygen (O²), carbon monoxide, hydrogen sulfide, and Lower Explosive Limit (LEL) readings from within the pit. All readings were within acceptable levels. (A PID reading in the pit was recorded on July 11, 2005 and VOC concentrations were at background levels).

Prior to entering the pit, URS's subcontractor, OP-TECH, obtained a confined space entry permit from Westwood pursuant to site safety requirements. An OP-TECH technician donned protective clothing including a Tyvek suit, nitrile gloves, and a full-face respirator. The technician was fitted with a harness and tripod. A ladder was used to access the pit.

Upon entering the pit, a visual inspection was made. The pit consists of two storage rooms that are seven feet high. The first room, accessed through the opening in the Wellness Center, is approximately 12 feet deep by 24 feet wide with an earthen floor. The room contained

wooden shelving around most of the perimeter. The room contained debris including a stove pipe, a three foot section of 8-inch-diameter non-friable asbestos (transite) pipe; 2-inch flexible hose; steel pipe - both loose and protruding from the floor; and plywood on portions of the floor.

The second room was accessed through the first room and was approximately 8 feet wide by 20 feet long. This room also had an earthen floor and contained miscellaneous debris including wood and discarded electric fuse boxes. Aside from the asbestos pipe, there were no materials of possible environmental concern identified in either room.

3.3.2 Task E - Building 5 Alleyway Pit Investigation

On July 7, 2005, an investigation was performed of the pit located in an area referred to as the interior alleyway of Building 5. This pit was covered with a rectangular steel plate, approximately 4 feet by 5 feet in size that was bolted in place.

OP-TECH used a grinder to remove the retaining bolts on the steel plate. Once free, the plate was removed. A round, steel, 24-inch-diameter open grate was attached to the steel plate and previously functioned as a drainage grate for the pit.

Upon accessing the pit, OP-TECH recorded O², carbon monoxide, hydrogen sulfide and LEL readings. All readings, except O², were at acceptable levels. The initial O² reading was approximately 18%, but increased to 20% after the pit was open for a few minutes. A PID reading was recorded on July 11, 2005 showing VOC concentrations at background levels.

The pit is 24 inches in diameter and 58 inches deep. It contained approximately 18 inches of standing water with approximately 3 inches of sediment, which was likely floor dirt. From visual inspection, the water and sediment appeared to be uncontaminated; no staining, oil sheens or odors were observed. OP-TECH used a shop vac to remove the water and most of the sediment. Following removal of the water, a 4-inch-diameter discharge pipe was found with the bottom invert at 4 feet below grade.

On August 3, 2005, Pipe Dreams performed a survey to determine the routing of the drain system. The survey included running a camera (with a built-in transmitter) through the discharge pipe and a vertical cleanout located immediately adjacent to the north side of the pit.

The routing of the discharge pipe was determined by using a receiver to trace the location of the transmitter as it was run through the drainage system. The survey found that the discharge line runs into the cleanout and then out through a tee (within the cleanout) at a depth of about 40 inches below grade. The line then runs to the north, dropping to a depth of about 72 inches prior to exiting the building. A vent in the sewer line is located on the sidewalk on the north side of Building 5. The line then discharges into the combined sewer that runs along the center of Fernwood Avenue.

3.4 Wipe and Soil Sampling

3.4.1 Task F - Wipe Sampling at Former Transformer Area

URS collected two wipe samples (F-l and F-2) from the area where several transformers were previously located on the rooftop of Building 5. Sample F-l was collected from the concrete surface adjacent to the footprint of one of the former transformers. Sample F-2 was collected from the concrete near a rooftop drain. The locations of the samples were selected on site by the project field team at the time of the investigation. The wipe sampling was performed during dry weather.

The samples were collected from the concrete surface using a hexane-soaked gauze pad from a 10 square centimeter (cm²) area defined by a laboratory-supplied template. The wipe samples were placed in appropriate sample containers and submitted to the laboratory for PCB analysis.

3.4.2 Task H - Compressor Blowdown Area Soil Sampling

A composite soil sample (H-l) was collected from the area beneath the air compressor blowdown drain on the exterior of Building 6. Prior to sampling, the gravel on the ground surface was removed to expose a two square foot area. A composite soil sample was then collected from a maximum depth of six inches, placed in a stainless-steel bowl, homogenized by hand, and placed in laboratory supplied containers for PCB analysis.

3.5 Surveying

A URS New York State-licensed surveyor surveyed all soil boring and piezometer locations. Coordinates were surveyed to the New York Plane Coordinate System, West Zone. Elevations were surveyed to the North American Vertical Datum 1988. The survey results are tabulated in Table 5.

3.6 Investigation Derived Waste

Two 55-gallon drums of soil cuttings and one 55-gallon drum of water were generated during the investigation. The soil cuttings were sampled for disposal on July 18, 2005. The wastewater was sampled for disposal on July 13, 2005. The analytical results and waste disposal manifest for the drums of soil cuttings are attached as Appendix H.

4.0 PRESENTATION OF DATA

A copy of the full data package is contained in a compact disc that accompanies this report (Appendix I). Copies of the raw analytical data summaries, which include data validation qualifiers, are attached as Appendix J. Summaries of the testing results follow.

4.1 Task B - Former 15,000-Gallon No. 6 Fuel Oil UST

Soil samples collected from the 0.85- to 1.4-foot and 13- to 14.5-foot intervals in boring B-1 were analyzed for the petroleum-related VOCs and SVOCs listed in Table 2 of DEC's STARS. The soil analytical results are presented in Table 6 and they are compared to DEC soil cleanup objectives obtained from DEC's *Technical and Administrative Guidance Memorandum* 4046 (TAGM). They indicate the following:

VOC Analytical Results

No VOCs were detected

SVOC Analytical Results

- Eight SVOCs were detected in the 0.85- to 1.5-foot sample and three SVOCs were detected in the 13- to 14.5-foot sample at estimated concentrations below the practical quantitation limits.
- None of the SVOCs exceeded DEC's TAGM soil cleanup objectives.

4.2 Task C - Former 10,000-Gallon No. 2 Fuel Oil UST

Soil samples collected from the 3- to 3.5-foot, 5- to 5.5-foot, and 25- to 26-foot intervals in boring C-1 and the 8- to 9-foot and 24- to 25-foot intervals from boring C-2 were analyzed for petroleum-related VOCs and SVOCs listed in Table 2 of DEC's STARS. The soil analytical results are presented in Table 7 and compared to DEC TAGM soil cleanup objectives. They indicate the following:

VOC Analytical Results

- One VOC (total xylenes) was detected in the 3- to 3.5-foot sample and two VOCs (toluene and benzene) were detected in the 5- to 5.5-foot sample at concentrations below TAGM soil cleanup objectives.
- No VOCs were detected in the other samples.

SVOC Analytical Results

- Two SVOCs (benzo(a)pyrene and dibenz(a,h)anthracene) were detected at concentrations above the TAGM criteria and both were in the 5- to 5.5-foot sample from C-1. Benzo(a)pyrene was detected at 95 micrograms per kilogram (μg/Kg), compared to the criterion of 61 μg/Kg. Dibenz(a,h)anthracene was detected at 19 μg/Kg, compared to the criterion of 14 μg/Kg.
- No SVOCs were detected above the criteria in the other samples.

4.3 Task F - Wipe Sampling at Former Transformer Area

Two wipe samples (F-1 and F-2) from the area where several transformers were previously located on the rooftop of Building 5 were analyzed for PCBs. No PCBs were detected (see Table 8).

4.4 Task H - Compressor Blowdown Area Soil Sampling

A composite soil sample (H-I) was collected from the area beneath the air compressor blowdown drain on the exterior of Building 6 was analyzed for PCBs. This is on the Consent Decree portion of the Facility.

PCBs were detected at 8.5 μ g/kg, well below the TAGM soil cleanup objective of 1 ppm (1,000 μ g/Kg) (see Table 9).

4.5 Task I - Non-Consent Decree Portion of the Facility

This portion of the investigation consisted of advancing a total of 11 soil borings within the "Non-Consent Decree" portion of the Facility. A total of 24 soil samples were submitted to the laboratory for analysis of TCL VOCs, TCL SVOCs, GRO, DRO, PCBs, and TAL metals.

The scope of work required that if the visual and/or olfactory characteristics of the subsurface soil sample suggest a deviation from the overlying soil or if PID or OVA field screening of the subsurface soil sample is three times that of background¹, the sample will be considered "impacted." If "impacted", an additional soil sample was then to be collected two feet below the "impacted" sample and a groundwater sample collected if the "impacted" sample was within 5 feet of the water table (referred to herein as the "contingency samples").

Although two (2) contingency soil samples were taken under this criterion, no groundwater samples were taken because the "impacted" soil was not found within 5 feet of the water table.

¹ "Background" was defined by the readings for ambient air in the breathing zone of the drill operator.

The soil analytical results are presented in Table 10. The results were compared to DEC TAGM soil cleanup objectives. The results indicate the following:

VOC Analytical Results

No VOCs were detected at concentrations above TAGM soil cleanup objectives.

SVOC Analytical Results

- SVOCs were detected above the TAGM criteria in nine samples, but all in shallow soil samples.
- The concentrations of the SVOCs detected above the TAGM criteria were fairly low.

PCB Analytical Results

No PCBs were detected at concentrations above TAGM soil cleanup objectives.

DRO and GRO Analytical Results

- There were no detections of GRO.
- Low levels of DRO were detected in five shallow soil samples, I-SB, I-4, I-5, I-6, and I-7, with concentrations ranging from 8.6 to 29 mg/Kg. There are no TAGM criteria for DRO and GRO.

Metal Analytical Results

Mercury has a TAGM soil cleanup objective of 0.1 mg/Kg. The criteria for the remaining metals are site background (SB). The SB values used in this report are the maximum values for Eastern USA Background (see Table 4 of TAGM 4046).

TAGM 4046 specifies that "... Background samples should be free from the influences of [the] site and any other source of contaminants... "Given this, the maximum values for Eastern USA Background were determined to be more reflective of site background than the two

sampling points (I-1SB and I-2SB), because these sampling points were located within areas that may have been influenced by historical use. Review of the data indicates the following:

- At least one metal was detected at concentrations above TAGM criteria in each sample.
- The samples from the 2.5- to 3-foot interval in I-5 and 1- to 3-foot interval in I-6 had elevated concentrations of some metals. For example, in I-5, chromium was detected at 150 mg/Kg (compared to Eastern USA background at 1.5 to 40 mg/Kg); manganese was detected at 6,040 mg/Kg (compared to Eastern USA background of 50 to 5,000 mg/Kg); mercury at 1.2 mg/Kg (compared to the TAGM criterion of 0.1 mg/Kg). In I-6, chromium was detected at 144 mg/Kg, copper at 74.3 mg/Kg, manganese at 3,140 mg/Kg, and mercury at 1.3 mg/Kg.

Cyanide Analytical Results

The RFP scope of work for the investigation provided that cyanide analysis be included on the list of analytical parameters for samples collected along the former portion of Bradley Street that extended between Fernwood Avenue and the intersection of Bradley and Danforth Streets. Accordingly, the 1- to 3-foot and 24- to 26-foot samples from boring I-6 were analyzed for cyanide. Cyanide was not detected in either sample.

5.0 DISCUSSION OF FINDINGS AND CONCLUSIONS

The Phase II ESA found no environmental areas of concern that merit further investigation. A discussion of the basis of this conclusion by the various work tasks follows.

5.1 Task B - Former 15,000-Gallon No. 6 Fuel Oil UST

The investigation of the former No. 6 fuel oil UST found no visual or PID evidence of petroleum impacts. The analysis of two soil samples from the area also did not show evidence of petroleum impacts. Based on these findings, the former No. 6 fuel oil UST is not an area of concern.

5.2 Task C - Former 10,000-Gallon No. 2 Fuel Oil UST

The investigation of the former No. 2 fuel oil UST, located in the parking lot just south of Building 6, found no visual evidence of petroleum impacts. With the exception of the upper five feet of boring C-1, which had a maximum PID reading of 800 ppm, PID readings were at background levels. The analysis of five soil samples from the area also did not show evidence of petroleum impacts.

Because the elevated PID readings in boring C-1 were recorded at depths above the former UST and because the soils below that interval were clean, there are no indications of any impacts from the former UST. Based on these findings, the former No. 2 fuel oil UST is not an area of concern.

5.3 Task D - Wellness Center Pit Investigation

The investigation of the pit in the Wellness Center found that the pit consists of two basement rooms that were used for the storage of miscellaneous items. With the exception of a piece of asbestos pipe, there were no indications of materials that were a possible environmental concern.

5.4 <u>Task E - Building 5 Alleyway Pit Investigation</u>

The investigation of the Alleyway Pit found that the pit was previously a floor drain. There were no indications that the pit is an environmental concern.

5.5 <u>Task F - Wipe Sampling at Former Transformer Area</u>

The wipe samples from the former transformer area did not detect the presence of PCBs. There were no indications that the area is an environmental concern.

5.6 Task H - Compressor Blowdown Area Soil Sampling

Analysis of soil from beneath the compressor blowdown pipe did not indicate the presence of PCBs at concentrations above the TAGM criterion. There was no indication that the compressor blowdown area is an area of environmental concern.

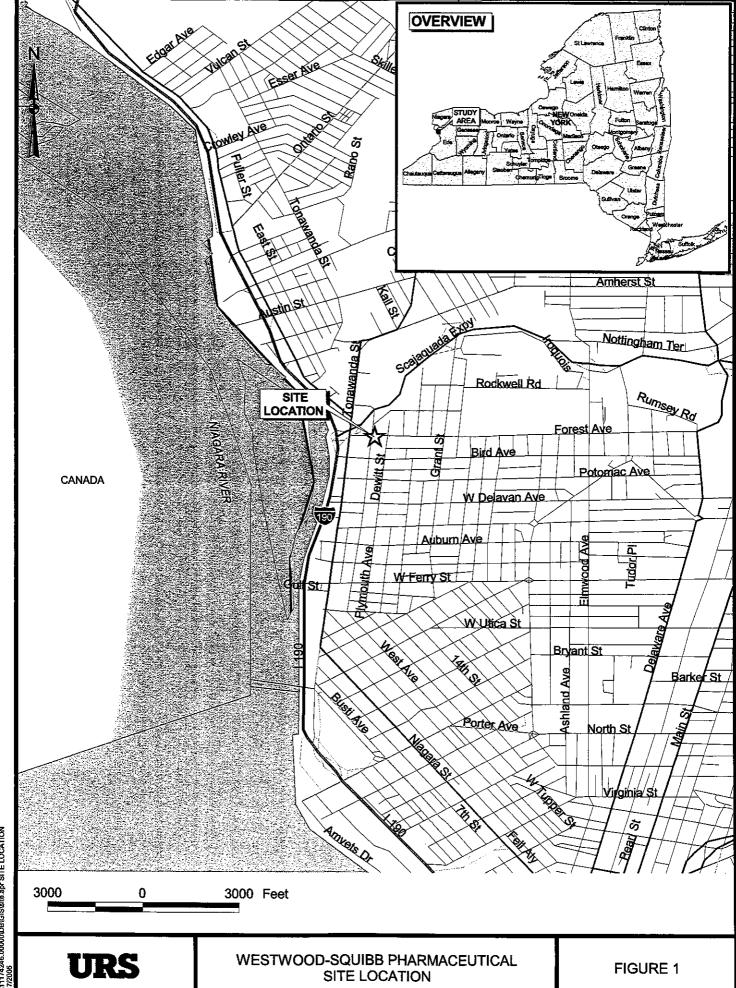
5.7 Task I - Non-Consent Decree Portion of the Site

Organic compounds, specifically SVOCs, were detected above the TAGM values objectives in a few samples. However, the SVOC concentrations were not considerably high.

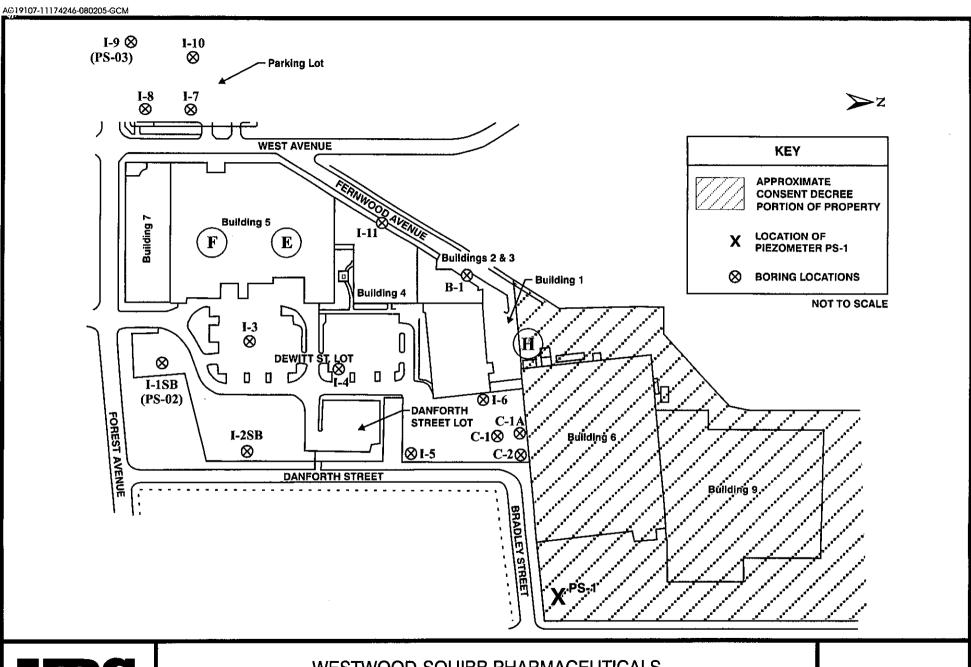
The samples with the elevated SVOC concentrations were collected from fill, which was present within the upper few feet of the subsurface throughout the site. SVOCs are often by-products of incomplete combustion of organic materials and are commonly found in urban fill. For example, the sample from I-6, which had the highest concentrations of SVOCs, contained cinders. Consequently, the elevated levels of SVOCs are likely associated with the urban fill.

All soil samples exceeded TAGM criteria for at least one metal. Elevated levels of some metals (e.g., chromium, manganese and mercury) were found in some samples from the parking lot south of Building 6. Similar to the occurrence of SVOCs, the elevated levels of metals were primarily restricted to the fill.

Because the site has restricted access and because the SVOCs and metals occur beneath concrete or asphalt, the potential for human exposure is minimal to non-existent. Furthermore, the marginal impacts of these constituents decrease with depth and are found above the groundwater table. Based on these findings, the presence of SVOCs and metals at the site is not considered to be an environmental concern.



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URS

WESTWOOD-SQUIBB PHARMACEUTICALS SAMPLE LOCATION MAP

FIGURE 2

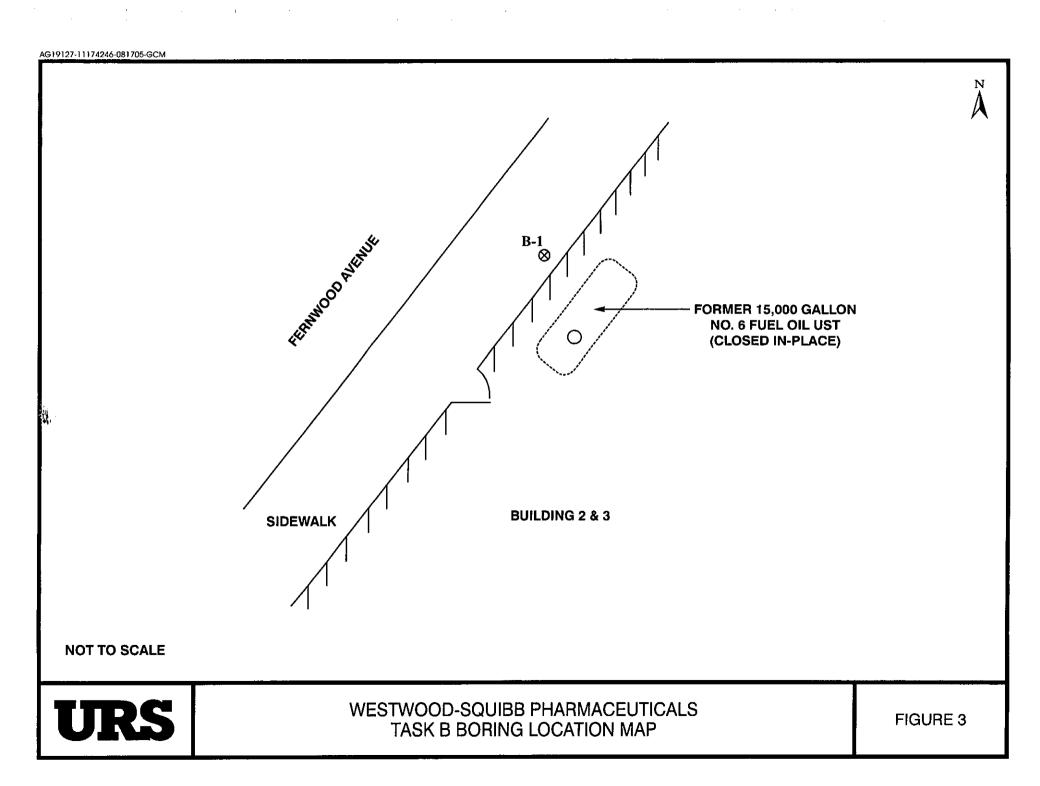


TABLE 1
TASK B - BORING INFORMATION

| Boring Number | Max PID Reading (ppm) | Reading Observations Depth | | Sample Identification | Sample Interval (ft) |
|------------------|-----------------------------|---|----|--------------------------|----------------------------|
| B-1 | | Brown sand and | | B-1 0.85-1.4 | 0.85-1.4 |
| | 0 | gravel fill overlying natural gray clay with trace gravel | 16 | B-1 13-14.5 | 13-14.5 |

TABLE 2
TASK C - BORING INFORMATION

| Boring Number | Max PID Reading (ppm) | Observations | Total Depth (ft) | Sample Identification | Sample Interval (ft) |
|------------------|-----------------------------|---|---------------------|--------------------------|-------------------------|
| C-1A | 2.1 | Asphalt over brown sand and gravel fill | 10 | Abandoned | |
| | 800 | Asphalt over sand, gravel and ash fill overlying natural gray | 28 | C-1 3-3.5 | 3-3.5 |
| C-1 | | | | C-1 5-5.5 | 5-5.5 |
| | | to brown clay and silt with trace gravel | | C-1 25-26 | 25-26 |
| | | Asphalt over sand and gravel fill | | C-2 8-9 | 8-9 |
| C-2 | 0 | overlying natural gray to brown clay with trace gravel | 28 | C-2 24-25 | 24-25 |

TABLE 3
TASK I – BORING INFORMATION

| TACK I - BOKING INI OKIMATION | | | | | | | | | | |
|-------------------------------|-----------------------------|--|--|--------------------------|-------------------------|-----|--|--|--|--|
| Boring Number | Max PID Reading (ppm) | Observations | Total Depth (ft) | Sample Identification | Sample Interval (ft) | | | | | |
| | | Brown sand and gravel fill over natural brown silt and | | I-01SB 0-1.5 | 0-1.5 | | | | | |
| I-1 SB | 0 | clay with some gravel | 20 | I-01SB 13.5- 14.5 | 13.5-14.5 | | | | | |
| I-2 SB | 0.0 | Brown silt and gravel fill overlying natural brown clay | | I-02SB 0-1 | 0-1 | | | | | |
| I-2 SB | 0.3 | with trace gravel | 23 | I-02SB 22-23 | 22-23 | | | | | |
| I-3 | 2.1 | Asphalt, gray to brown clay, sand and gravel fill overlying | 16 | I-03 1.4-2.6 | 1.4-2.6 | | | | | |
| 1-5 | 2.1 | natural brown clay | 10 | I-03 12-13 | 12-13 | | | | | |
| | | Brown silt over sand and | 1 .0.0 | | 0-1 | | | | | |
| I-4 | 0.8 | gravel over clay with trace | 24 | 1-04 6.75-8.5 | 6.75-8.5 | | | | | |
| | | gravel | | I-04 15-17 | 15-17 | | | | | |
| | | Asphalt, brown clay, sand and gravel fill overlying | | I-05 2.5-3 | 2.5-3 | | | | | |
| I-5 0 | | natural clay, sand and gravel | 16 | I-05 12.5-16 | 12.5-16 | | | | | |
| I-6 | 2.6 | 26 | Asphalt, over gray to brown sand and gravel fill overlying | 28 | I-06 1-3 | 1-3 | | | | |
| | | natural brown clay with trace gravel | 20 | I-06 24-26 | 24-26 | | | | | |
| 1-7 | 0 | Asphalt over gray to red brown clay, sand and gravel fill overlying natural brown to gray brown clay with trace gravel | 28 | I-07 1.5-2.5 | 1.5-2.5 | | | | | |
| 1-7 | | | | I-07 24-25 | 24-25 | | | | | |
| | | Asphalt overlying natural | 28 | I-08 1.5-2 | 1.5-2 | | | | | |
| I-8 | 51.3 | gray to brown clay with | | 1-08 4-4.5 | 4-4.5 | | | | | |
| | | trace gravel | | 1-08 25-26.5 | 25-26.5 | | | | | |
| 1-9 | 0.8 | Asphalt over gray to brown clay with trace gravel | 28 | 1-09 1.5-2 | 1.5-2 | | | | | |
| ן יידי | υ.8 | ciay with trace graver | | I-09 15-17 | 15-17 | | | | | |
| I-10 | 0.5 | Asphalt over natural gray to | 28 | I-10 2-2.5 | 2-2.5 | | | | | |
| 1-10 | 0.5 | brown clay with trace gravel | 20 | I-10 8.5-10.5 | 8.5-10.5 | | | | | |
| 1 4 4 | 4.9 | Concrete over sand and gravel fill overlying natural | 20 | I-11 0.4-0.7 | 0.4-0.7 | | | | | |
| I-11 | 4.3 | brown clay with trace gravel | 28 | I-11 25-27 | 25.27 | | | | | |

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TABLE 4

WATER LEVEL DATA

| Piezometer | Date | Reference Elev. (NAVD88) | Water Level (ft) | Water Elev. (NAVD88) |
|------------|--------|-----------------------------|------------------|-------------------------|
| PS-1 | 8/3/05 | 591.86 | 10.97 | 580.89 |
| PS-2 | 8/3/05 | 595.66 | 12.47 | 583.19 |
| PS-3 | 8/3/05 | 591.53 | 4.02 | 587.51 |

TABLE 5
WESTWOOD-SQUIBB PHARMACEUTICALS
INVESTIGATION POINT SURVEY DATA

| Location | | Plane Coordinate Zone (in feet) | North American Vertical Datum (in feet) NAVD88 | | | |
|---------------|------------|------------------------------------|---|--------|--------|--|
| ļ | North | East | Ground | Casing | Riser | |
| B-1 | 1067629.49 | 1064983.04 | 592.3 | | | |
| C-1 | 1067711.2 | 1065351.99 | 589.1 | | | |
| C-1A | 1067699.75 | 1065350.78 | 589 | 1 | | |
| C-2 | 1067716 | 1065380.16 | 589.3 | | | |
| 1-2 SB | 1067160.66 | 1065308.34 | 593.2 | 1 | | |
| 1-3 | 1067167.43 | 1065097.65 | 594.5 | " | | |
| I-4 | 1067310.12 | 1065147.93 | 593.6 | | | |
| I-5 | 1067503.04 | 1065337.87 | 590.6 | | | |
| I-6 | 1067645.65 | 1065255.07 | 591.1 | | | |
| 1-7 | 1067092.79 | 1064589.57 | 593.7 | | | |
| I-8 | 1067018.04 | 1064582.01 | 593.5 | | ••• | |
| I-10 | 1067114.21 | 1064410.03 | 592.5 | | | |
| I-11 | 1067474.38 | 1064866.77 | 592.7 | | ** | |
| PS-1 | 1067756.74 | 1065668.39 | 591.86 | 593.25 | 592.85 | |
| PS-02 (I-1SB) | 1067001.65 | 1065097.25 | 595.66 | 597.8 | N/A | |
| PS-03 (I-9) | 1067016.31 | 1064374.35 | 591.53 | 594.51 | N/A | |

Notes:

Horizontal control established by GPS methods based upon NGS control monuments BUF CRU-1 P.I.D. NC 1522 and BUF REG 4 P.I.D. NC 1517

TABLE 6 WESTWOOD SQUIBB PHARMACEUTICALS TASK B - SOIL ANALYTICAL RESULTS

| Location ID | | | B-01 | B-01 | |
|-------------------------------------|-------|-----------|----------|---------------------------|--|
| Sample ID | | | B-01 | 8-01 Soil 13.0-14.5 | |
| Matrix | | | Soil | | |
| Depth Interval (| ft) | | 0.9-1.4 | | |
| Date Sampled | ı | | 07/11/05 | 07/11/05 | |
| Parameter | Units | Criteria* | | | |
| Volatile Organic Compounds | | | | | |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.064 U | 0.064 ∪ | |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.072 U | 0.072 U | |
| Benzene | UG/KG | 60 | 0.067 U | 0.067 U | |
| Ethylbenzene | UG/KG | 5500 | 0.62 U | 0.62 U | |
| Isopropylbenzene (Cumene) | UG/KG | 2300 | 0.075 U | 0.075 ∪ | |
| Naphthalene | UG/KG | 13000 | 0.11 U | 0.11 U | |
| n-Butylbenzene | UG/KG | 10000 | 0.092 U | 0.092 U | |
| n-Propylbenzene | UG/KG | 3700 | 0.071 U | 0.071 ∪ | |
| p-Cymene (p-Isopropyltoluene) | UG/KG | - | 0.065 U | 0.065 U | |
| sec-Butylbenzene | UG/KG | 10000 | 0.090 U | U 090.0 | |
| tert-Butylbenzene | UG/KG | 10000 | 0.10 U | 0.10 U | |
| Toluene | UG/KG | 1500 | 0.060 U | 0.060 U | |
| Xylene (total) | UG/KG | 1200 | 0.20 U | 0.20 U | |
| Semivolatile Organic Compounds | | | | | |
| Acenaphthene | UG/KG | 50000 | 11 U | 11 U | |
| Acenaphthylene | UG/KG | 41000 | 10 U | 10 U | |
| Anthracene | UG/KG | 50000 | 9 U | 9 ∪ | |
| Benzo(a)anthracene | UG/KG | 224 | 22 J | 13 U | |
| Benzo(a)pyrene | UG/KG | 61 | 18 J | 11 U | |
| Benzo(b)fluoranthene | UG/KG | 1100 | 22 J | 15 U | |
| Benzo(g,h,i)perylene | UG/KG | 50000 | 14 J | 10 U | |
| Benzo(k)fluoranthene | UG/KG | 1100 | 17 U | 17 U | |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup objectives.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis,

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

TABLE 6 WESTWOOD SQUIBB PHARMACEUTICALS TASK B - SOIL ANALYTICAL RESULTS

| Location ID | | - 1 | B-01 | B-01 | | |
|--------------------------------|---------------------|-----------|----------|----------|--|--|
| | | | B-01 | B-01 | | |
| Sample ID | Sample ID | | | | | |
| Matrix | | Soil | Soil | | | |
| Depth Interval (f | Depth Interval (ft) | | | | | |
| Date Sampled | | | 07/11/05 | 07/11/05 | | |
| Parameter | Units | Criteria* | | | | |
| Semivolatile Organic Compounds | | | | | | |
| Chrysene | UG/KG | 400 | 20 BJ | 10 U | | |
| Dibenz(a,h)anthracene | UG/KG | 14 | 13 U | 13 U | | |
| Fluoranthene | UG/KG | 50000 | 47 BJ | 25 BJ | | |
| Fluorene | UG/KG | 50000 | 10 U | 10 U | | |
| Indeno(1,2,3-cd)pyrene | IJ G /KG | 3200 | 11 U | 11 Ų | | |
| Naphthalene | UG/KG | 13000 | 14 U | 14 U | | |
| Phenanthrene | UG/KG | 50000 | 30 BJ | 22 BJ | | |
| Pyrene | UG/KG | 50000 | 34 BJ | 17 BJ | | |

Flags assigned during chemistry validation are shown.

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup objectives.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

TABLE 7 WESTWOOD SQUIBB PHARMACEUTICALS TASK C - SOIL ANALYTICAL RESULTS

| Location ID | | | C-01 | C-01 | C-01 | C-02 | C-02 |
|-------------------------------------|-------|-----------|---------------------------------------|----------|-----------|----------|-----------|
| Sample ID | | | C-01 | C-01 | C-01 | C-02 | C-02 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | - | 3.0-3.5 | 5.0-5.5 | 25.0-26.0 | 8.0-9.0 | 24.0-25.0 |
| Date Sampled | | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | , , , , , , , , , , , , , , , , , , , | | | | |
| Volatile Organic Compounds | | | | | | * | |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.064 U | 0.064 U | 0.064 U | 0.064 U | 0.064 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.072 U | 0.072 ป | 0.072 ∪ | 0.072 U | 0.072 U |
| Benzene | UG/KG | 60 | 0.067 U | 36 | 0.067 U | 0.067 ∪ | 0.067 U |
| Ethylbenzene | UG/KG | 5500 | 0.62 U | 0.62 U | 0.62 U | 0.62 U | 0.62 U |
| Isopropylbenzene (Curnene) | UG/KG | 2300 | 0.075 ∪ | 0.075 U | 0,075 U | 0.075 ป | 0.075 ∪ |
| Naphthalene | UG/KG | 13000 | 0.11 U | 0.11 U | 0.11 U | 0.11 U | 0.11 U |
| n-Butylbenzene | UG/KG | 10000 | 0.092 U | 0.092 U | 0.092 U | 0.092 U | 0.092 U |
| n-Propylbenzene | UG/KG | 3700 | 0.071 U | 0.071 U | 0,071 U | 0.071 U | 0.071 ป |
| p-Cymene (p-Isopropyltoluene) | UG/KG | | 0.065 U | 0.065 U | 0.065 U | 0.065 U | 0.065 U |
| sec-Butylbenzene | UG/KG | 10000 | 0.090 U | 0.090 ∪ | 0.090 U | 0.090 U | U 000.0 |
| tert-Butylbenzene | UG/KG | 10000 | 0.10 U | 0.10 U | 0.10 U | 0.10 ∪ | 0.10 ∪ |
| Toluene | UG/KG | 1500 | 0.060 U | 27 | 0.060 ป | 0.060 U | 0.060 U |
| Xylene (total) | UG/KG | 1200 | 13 | 0.20 U | 0.20 U | 0.20 U | 0.20 ∪ |
| Semivolatile Organic Compounds | | | | | | | |
| Acenaphthene | UG/KG | 50000 | 11 U | 11 U | 11 U | 11 U | 11 ∪ |
| Acenaphthylene | UG/KG | 41000 | 10 U | 14 | 10 U | 10 U | 10 U |
| Anthracene | UG/KG | 50000 | 9 U | 21 | 9 U | 9 U | 11 |
| Benzo(a)anthracene | UG/KG | 224 | 22 | 77 | 13 U | 13 U | 29 |
| Benzo(a)pyrene | UG/KG | 61 | 14 | 95 | 11 U | 11 U | 26 |
| Benzo(b)fluoranthene | UG/KG | 1100 | 15 U | 160 | 15 U | 15 U | 37 |
| Benzo(g,h,i)perylene | UG/KG | 50000 | 10 U | 58 | 10 U | 10 U | 20 |
| Benzo(k)fluoranthene | UG/KG | 1100 | 17 U | 170 | 17 U | 17 U | 17 U |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup objectives.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

 $[\]ensuremath{\mathsf{UJ}}$ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

TABLE 7 WESTWOOD SQUIBB PHARMACEUTICALS TASK C - SOIL ANALYTICAL RESULTS

| | | | | | | r | |
|---|----------|-------|-------------------------------------|-----------------|---------------------------------------|-------------------------------------|---------------------------------------|
| Location ID Sample ID Matrix Depth Interval (ft) Date Sampled | | | C-01 | C-01 | C-01 | C-02 | C-02 |
| | | | C-01 Soil 3.0-3.5 07/08/05 | C-01 | C-01 Soil 25.0-26.0 07/08/05 | C-02 Soil 8.0-9.0 07/08/05 | C-02 Soil 24.0-25.0 07/08/05 |
| | | | | Soil 5.0-5.5 | | | |
| | | | | | | | |
| | | | | Parameter | | | |
| Semivolatile Organic Compounds | <u> </u> | | | | | | |
| Chrysene | UG/KG | 400 | 13 | 64 | 10 U | 10 U | 34 |
| Dibenz(a,h)anthracene | UG/KG | 14 | 13 U | 19 | 13 U | 13 U | 13 U |
| Fluoranthene | UG/KG | 50000 | 30 | 160 | 12 U | 12 U | 81 |
| Fluorene | UG/KG | 50000 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Indeno(1,2,3-cd)pyrene | UG/KG | 3200 | 11 U | 55 | 11 Ų | 11 U | 19 |
| Naphthalene | UG/KG | 13000 | 14 U | 14 U | 14 U | 14 U | 14 U |
| Phenanthrene | UG/KG | 50000 | 18 | 77 | 12 | 22 | 63 |
| Pyrene | UG/KG | 50000 | 22 | 110 | 11 U | 11 U | 56 |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup objectives.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; 8 - The reported concentration is above the method detection limit but below the quantitation limit.

TABLE 8 WESTWOOD SQUIBB PHARMACEUTICALS TASK F - WIPE ANALYTICAL RESULTS

| Location ID | F-01 | F-02 F-02 Wipe Sample - 07/11/05 | |
|---------------------------|-------------|--|--------|
| Sample ID | F-01 | | |
| Matrix | Wipe Sample | | |
| Depth Interval (ft) | • | | |
| Date Sampled | 07/11/05 | | |
| Parameter | Units | - | |
| Polychlorinated Biphenyls | | ***** | |
| Aroclor 1016 | UG/WI | 0.25 U | 0.25 U |
| Aroclor 1221 | UG/WI | 0.25 U | 0.25 U |
| Aroclor 1232 | UG/WI | 0.25 U | 0.25 U |
| Aroclor 1242 | UG/WI | 0.25 U | 0.25 U |
| Aroclor 1248 | UG/WI | 0.25 U | 0.25 U |
| Aroclor 1254 | UGWI | 0.25 U | 0.25 U |
| Aroclor 1260 | UG/WI | 0.25 U | 0.25 U |

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit,

TABLE 9 WESTWOOD SQUIBB PHARMACEUTICALS TASK H - SOIL ANALYTICAL RESULTS

| Location ID | H-01 | | |
|---------------------------|-----------------------------|-----------|--------|
| Sample ID | H-01 | | |
| Matrix | Soil 0.5-0.6 07/11/05 | | |
| Depth Interval | | | |
| Date Sample | | | |
| Parameter | Units | Criteria* | |
| Polychlorinated Biphenyls | | | |
| Aroclor 1016 | UG/KG | 10000 | 0.62 U |
| Aroclor 1221 | UG/KG | 10000 | 2.4 U |
| Aroclor 1232 | UG/KG | 10000 | 5.6 U |
| Aroclor 1242 | UG/KG | 10000 | 1.6 Ư |
| Aroclor 1248 | UG/KG | 10000 | 0.92 U |
| Aroclor 1254 | UG/KG | 10000 | 2.2 U |
| Aroclor 1260 | UG/KG | 10000 | 8.5 J |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup objectives.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

TABLE 10 WESTWOOD SQUIBB PHARMACEUTICALS TASK I - SOIL ANALYTICAL RESULTS

| Location ID Sample ID Matrix Depth Interval (ft) Date Sampled | | | I-01 | 1-01 | I-02 | I-02 | 1-03 | | | | | | | | |
|---|-------|-------|-------------------------------------|---------------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|----------------------------|-------|-----------|--|-----|-----|-----|-----|
| | | | I-01 Soil 0.0-1.5 07/06/05 | I-01 Soil 13.5-14.5 07/06/05 | I-02 Soil 0.0-1.0 07/06/05 | I-02 Soil 22.0-23.0 07/06/05 | I-03 Soil 1.4-2.6 07/06/05 | | | | | | | | |
| | | | | | | | | Parameter | Units | Criteria* | <u>. </u> | _ | | | |
| | | | | | | | | Volatile Organic Compounds | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | | | | | 1,1,2,2-Tetrachioroethane | UG/KG | 600 | 1 U | 1 U | 1 Ü | 1 U | 1 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | UG/KG | 6000 | 1 U | 1 U | 1 U | 1 U | 1 U | | | | | | | | |
| 1,1,2-Trichloroethane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U | | | | | | | | |
| 1,1-Dichloroethane | UG/KG | 200 | 1 ប | 1 U | 1 U | 1 U | 1 U | | | | | | | | |
| 1,1-Dichloroethene | UG/KG | 400 | 0.6 ∪ | 0.6 U | 0.6 ป | 0.6 U | 0.6 U | | | | | | | | |
| 1,2,4-Trichlorobenzene | UG/KG | 3400 | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U | | | | | | | | |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.7 U | 0,7 U | 0.7 U | 0.7 U | 0.7 U | | | | | | | | |
| 1,2-Dibromo-3-chloropropane | UG/KG | - | 1 U | 1 U | 1 U | 1 Ü | 1 U | | | | | | | | |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/KG | - | 0.8 ∪ | 0.8 U | U 8.0 | 0.8 U | 0.8 ป | | | | | | | | |
| 1,2-Dichlorobenzene | UG/KG | 7900 | 0.6 ป | 0.6 U | 0.6 U | 0.6 U | 0.6 U | | | | | | | | |
| 1,2-Dichloroethane | UG/KG | 100 | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 ∪ | | | | | | | | |
| 1,2-Dichloroethene (cis) | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U | | | | | | | | |
| 1,2-Dichloroethene (trans) | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U | | | | | | | | |
| 1,2-Dichloropropane | UG/KG | - | 0.9 U | 0.9 Ų | 0.9 U | 0.9 U | 0.9 U | | | | | | | | |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | | | | | | | | |
| 1,3-Dichlorobenzene | UG/KG | 1600 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U | | | | | | | | |
| 1,3-Dichloropropene (cis) | UG/KG | - | 0.8 U | 0.8 Ų | 0.8 U | 0.8 U | 0.8 U | | | | | | | | |
| 1,3-Dichloropropene (trans) | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U | | | | | | | | |
| 1,4-Dichlorobenzene | UG/KG | 8500 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U | | | | | | | | |
| 2-Hexanone | UG/KG | | 5 U | 5 U | 5 U | 5 U | 5 U | | | | | | | | |
| 4-Methyl-2-pentanone | UG/KG | 1000 | 4 U | 4 U | 4 U | 4 U | 4 U | | | | | | | | |
| Acetone | UG/KG | 200 | 2 U | 5 | 2 ∪ | 3 | 6 | | | | | | | | |

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Flags assigned during chemistry validation are shown.

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J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I-01 | I-01 | 1-02 | 1-02 | I-03 |
|----------------------------------|-------|-----------|----------|-----------|----------|---------------------------------------|----------|
| Sample ID | | | I-01 | I-01 | I-02 | I-02 | i-03 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | | 0.0-1.5 | 13.5-14.5 | 0.0-1.0 | 22.0-23,0 | 1.4-2.6 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | | | - | · · · · · · · · · · · · · · · · · · · | |
| Benzene | UG/KG | 60 | 0.8 U | 0,8 ∪ | 0.8 U | 0.8 U | 0.8 U |
| Bromodichloromethane | UG/KG | - | 0.7 ป | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Bromoform | UG/KG | - | 1 U | 1 U | 1 ປ | 1 U | 1 U |
| Bromomethane | UG/KG | - | 1 U | 1 Ü | 1 U | 1 U | 1 U |
| Carbon disulfide | UG/KG | 2700 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon tetrachloride | UG/KG | 600 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Chiorobenzene | UG/KG | 1700 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Chloroethane | UG/KG | 1900 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Chloroform | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloromethane | UG/KG | - | 0.7 U | 0.7 ป | 0.7 U | 0.7 U | 0.7 ∪ |
| Cyclohexane | UG/KG | - | 0.9 U | 0.9 ∪ | 0.9 U | 0.9 ∪ | 0.9 U |
| Dibromochloromethane | UG/KG | - | 0.9 U | 0,9 ∪ | 0.9 U | 0.9 ∪ | 0.9 U |
| Dichlorodifluoromethane | UG/KG | • | 1 U | 1 U | 1 U | 1 Ü | 1 U |
| Ethylbenzene | UG/KG | 5500 | 0.6 U | 0.6 U | 0.6 ∪ | 0.6 ∪ | 0.6 U |
| Isopropylbenzene (Cumene) | UG/KG | 2300 | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 ∪ | 0.6 ป |
| Methyl acetate | UG/KG | - | 2 ∪ | 2 U | 2 U | 2 U | 2 U |
| Methyl ethyl ketone (2-Butanone) | UG/KG | 300 | 3 Ų | 3 U | 3 U | 3 U | 3 U |
| Methyl tert-butyl ether | UG/KG | - | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Methylcyclohexane | UG/KG | - | 0.9 U | 0.9 U | 0.9 Ų | 0.9 U | 0.9 U |
| Methylene chloride | UG/KG | 100 | 7 | 8 | 6 | 6 | 6 |
| Naphthalene | UG/KG | 13000 | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-Butylbenzene | UG/KG | 10000 | 2 U | 2 U | 2 U | 2 U | 2 U |

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Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

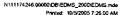
UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | i-01 | I-01 | I-02 | 1-02 | I-03 |
|--------------------------------|-------|-----------|----------|-----------|----------|-----------|------------|
| Sample ID | | | 1-01 | i-01 | I-02 | 1-02 | 1-03 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | , | 0.0-1.5 | 13,5-14,5 | 0.0-1.0 | 22.0-23.0 | 1.4-2.6 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | | | | | |
| n-Propylbenzene | UG/KG | 3700 | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| p-Cymene (p-Isopropyltoluene) | UG/KG | | 1 U | 1 U | 10 | 1 U | 1 U |
| sec-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Styrene | UG/KG | <u>-</u> | 1 U | 1 U | 1 ∪ | 1 U | 1 U |
| tert-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tetrachloroethene | UG/KG | 1400 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | U 8.0 |
| Toluene | UG/KG | 1500 | 2 U | 2 U | 2 Ų | 2 U | 2 U |
| Trichloroethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Trichloroethene | UG/KG | 700 | 0.6 U | 0.6 U | 0.6 U | 0.6 ับ | 0.6 U |
| Trichlorofluoromethane | UG/KG | - | 0.9 ป | 0.9 U | 0.9 U | 0.9 U | 0.9 ∪ |
| Vinyl chloride | UG/KG | 200 | 0.8 U | 0.8 U | 0,8 ∪ | 0.8 U | 0.8 U |
| Xylene (total) | UG/KG | 1200 | 3 U | 3 U | 3 U | 3 ∪ | 3 U |
| Semivolatile Organic Compounds | | | | | | | |
| 1,1'-Biphenyl | UG/KG | • | 50 U | 50 U | 50 U | 50 U | 50 U |
| 2,2'-oxybis(2-Chloropropane) | UG/KG | • | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,5-Trichlorophenol | UG/KG | 100 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,6-Trichlorophenol | UG/KG | - | 13 U | 13 ∪ | 13 U | 13 U | 13 U |
| 2,4-Dichlorophenol | UG/KG | 400 | 15 U | 15 ∪ | 15 U | 15 U | 15 U |
| 2,4-Dimethylphenol | UG/KG | - | 33 U | 33 U | 33 U | 33 U | 33 U |
| 2,4-Dinitrophenol | UG/KG | 200 | 120 U | 120 U | 120 U | 120 U | 120 U |
| 2,4-Dinitrotoluene | UG/KG | • | 33 U | 33 U | 33 U | 33 Ư | 33 U |
| 2,6-Dinitrotoluene | UG/KG | 1000 | 66 U | 66 ∪ | 66 U | 66 U | 66 U |

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Flags assigned during chemistry validation are shown.



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J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I-01 | I-01 | 1-02 | I-02 | 1-03 |
|--------------------------------|-------|-----------|----------|-----------|----------|-----------|----------|
| Sample ID | | | i-01 | 1-01 | I-02 | 1-02 | I-03 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (| t) | | 0.0-1.5 | 13.5-14.5 | 0.0-1.0 | 22.0-23.0 | 1.4-2.6 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| 2-Chloronaphthalene | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| 2-Chlorophenol | UG/KG | 800 | 12 U | 12 Ų | 12 U | 12 U | 12 U |
| 2-Methylnaphthalene | UG/KG | 36400 | 45 | 14 Ū | 14 U | 14 U | 27 |
| 2-Methylphenol (o-cresol) | UG/KG | 100 | 33 U | 33 ∪ | 33 U | 33 U | 33 ∪ |
| 2-Nitroaniline | UG/KG | 430 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 2-Nitrophenol | UG/KG | 330 | 66 U | 66 U | 66 U | 66 U | 66 U |
| 3,3'-Dichlorobenzidìne | UG/KG | - | 150 U | 150 U | 150 U | 150 U | 150 U |
| 3-Nitroaniline | UG/KG | 500 | 17 U | 17 U | 17 U | 17 U | 17 U |
| 4,6-Dinitro-2-methylphenol | UG/KG | • | 66 U | 66 U | 66 U | 66 U | 66 U |
| 4-Bromophenyl-phenylether | UG/KG | | 11 U | 11 U | 11 U | 11 U | 11 U |
| 4-Chioro-3-methylphenol | UG/KG | 240 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Chloroaniline | UG/KG | 220 | 18 U | 18 U | 18 ប | 18 U | 18 U |
| 4-Chiorophenyl-phenylether | UG/KG | • | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Methylphenol (p-cresol) | UG/KG | 900 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 4-Nitroaniline | UG/KG | • | 66 U | 66 U | 66 U | 66 U | 66 U |
| 4-Nitrophenot | UG/KG | 100 | 66 U | 66 U | 66 Ų | 66 U | 66 U |
| Acenaphthene | UG/KG | 50000 | 82 | 11 U | 11 ប្ | 11 U | 44 |
| Acenaphthylene | UG/KG | 41000 | 60 | 10 U | 12 | 10 U | 12 |
| Acetophenone | UG/KG | - | 64 U | 64 U | 64 U | 64 U | 64 U |
| Anthracene | UG/KG | 50000 | 190 | 9 U | 12 | 9 U | 140 |
| Atrazine | UG/KG | - | 36 U | 36 ∪ | 36 ∪ | 36 U | 36 U |
| Benzaldehyde | UG/KG | - | 70 U | 70 U | 70 U | 70 U | 70 U |

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| Location ID | | | J - 01 | I-01 | I-02 | I-02 | 1-03 |
|--------------------------------|-------|-----------|---------------|-----------|----------|-----------|------------|
| Sample ID | | | I-01 | I-01 | 1-02 | I-02 | I-03 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 0.0-1.5 | 13.5-14.5 | 0.0-1.0 | 22.0-23.0 | 1.4-2.6 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| Benzo(a)anthracene | UG/KG | 224 | 470 | 13 U | 56 | 13 U | 440 |
| Benzo(a)pyrene | UG/KG | 61 | 460 | 11 U | 53 | 11 U | 380 |
| Benzo(b)fluoranthene | UG/KG | 1100 | 870 | 15 U | 89 | 15 U | 610 |
| Benzo(g,h,i)perylene | UG/KG | 50000 | 170 | 10 U | 24 | 10 U | 140 |
| Benzo(k)fluoranthene | UG/KG | 1100 | 960 | 17 U | 23 | 17 U | 210 |
| bis(2-Chloroethoxy)methane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Chloroethyl)ether | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Ethylhexyl)phthalate | UG/KG | 50000 | 95 | 92 | 63 | 240 | 76 |
| Butylbenzylphthalate | UG/KG | 50000 | 27 | 17 U | 17 U | 17 U | 17 U |
| Caprolactam | UG/KG | - | 91 U | 91 U | 91 U | 91 U | 91 U |
| Carbazole | UG/KG | - | 100 | 11 U | 11 U | 11 U | 170 |
| Chrysene | UG/KG | 400 | 540 | 10 ∪ | 74 | 10 U | 470 |
| Dibenz(a,h)anthracene | UG/KG | 14 | 45 | 13 U | 13 U | 13 U | \bigcirc |
| Dibenzofuran | UG/KG | 6200 | 58 | 10 U | 10 U | 10 U | 44 |
| Diethylphthalate | UG/KG | 7100 | 9 U | 9 U | 9 U | 9 U | 9 U |
| Dimethylphthalate | UG/KG | 2000 | 10 U | 10 U | 10 U | 10 U | 10 Ü |
| Di-n-butyiphthalate | UG/KG | 8100 | 25 | 11 U | 11 U | 11 U | 11 U |
| Di-n-octylphthalate | UG/KG | 50000 | 31 U | 31 U | 31 U | 31 U | 31 U |
| Fluoranthene | UG/KG | 50000 | 1,200 | 12 U | 120 | 12 U | 1,500 |
| Fluorene | UG/KG | 50000 | 99 | 10 U | 10 U | 10 U | 66 |
| Hexachlorobenzene | UG/KG | 410 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Hexachlorobutadiene | UG/KG | • | 13 Ų | 13 ∪ | 13 U | 13 U | 13 U |

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| Location ID | | | I-01 | I-01 | I-02 | 1-02 | I-03 |
|--------------------------------|-------|-----------|----------|-----------------------|----------|---------------------------------------|----------|
| Sample ID | | | I-01 | I-01 | I-02 | I-02 | I-03 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 0.0-1.5 | 13.5-14.5 07/06/05 | 0.0-1.0 | 22.0-23.0 | 1.4-2.6 |
| Date Sampled | | | 07/06/05 | | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | | | | · · · · · · · · · · · · · · · · · · · | · |
| Semivolatile Organic Compounds | | | | | | | |
| Hexachlorocyclopentadiene | UG/KG | _ | 12 U | 12 U | 12 U | 12 U | 12 Ų |
| Hexachloroethane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| Indeno(1,2,3-cd)pyrene | UG/KG | 3200 | 160 | 11 U | 21 | 11 Ų | 120 |
| Isophorone | UG/KG | 4400 | 13 U | 13 U | 13 U | 13 U | 13 U |
| Naphthalene | UG/KG | 13000 | 30 | 14 U | 14 U | 14 U | 19 |
| Nitrobenzene | UG/KG | 200 | 12 U | 12 U | 12 U | 12 U | 12 Ü |
| N-Nitroso-di-n-propylamine | UG/KG | | 13 U | 13 U | 13 U | 13 U | 13 U |
| N-Nitrosodiphenylamine | UG/KG | - | 29 ∪ | 29 ∪ | 29 U | 29 U | 29 U |
| Pentachlorophenol | UG/KG | 1000 | 50 U | 50 Ų | 50 U | 50 U | 50 U |
| Phenanthrene | UG/KG | 50000 | 800 | 11 U | 65 | 11 U | 940 |
| Phenol | UG/KG | 30 | 11 U | 11 U | 11 Ų | 11 U | 11 U |
| Pyrene | UG/KG | 50000 | 830 | 11 U | 83 | 11 Ü | 930 |
| Polychlorinated Biphenyls | | | | | | | |
| Aroclor 1016 | UG/KG | 10000 | 0.62 U | 0.62 U | 0,62 U | 0.62 U | 0.62 U |
| Aroclor 1221 | UG/KG | 10000 | 2.4 U | 2.4 ∪ | 2.4 U | 2.4 U | 2.4 U |
| Aroclor 1232 | UG/KG | 10000 | 5.6 ∪ | 5.6 ∪ | 5,6 U | 5.6 U | 5.6 U |
| Aroclor 1242 | UG/KG | 10000 | 1.6 U | 1.6 U | 1,6 U | 1.6 U | 1.6 U |
| Aroclor 1248 | UG/KG | 10000 | 0,92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U |
| Aroclor 1254 | UG/KG | 10000 | 2.2 U | 2.2 U | 2.2 U | 2.2 U | 2.2 U |
| Arocior 1260 | UG/KG | 10000 | 30 | 1.3 U | 1.3 U | 1.3 U | 1.3 U |
| Metals | | | | | | | |
| Aluminum | MG/KG | 33000 | 8,710 | 4,610 | 4,220 | 9,900 | 6,340 |

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Flags assigned during chemistry validation are shown.

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 $[\]boldsymbol{J}$ - The reported concentration is an estimated value.

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NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| 14'- 15 | Location ID | | | I-01 | 1-02 | I-02 | 1.00 |
|-----------------------|-------------|-----------|---------------------------------------|-----------|----------|-----------|----------|
| Location ID Sample ID | · · · - | | I-01 I-01 | I-01 | I-02 | 1-02 | I-03 |
| Sample ID Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | 41 | | 0.0-1.5 | 13.5-14.5 | 0.0-1.0 | 22.0-23.0 | 1.4-2.6 |
| | ι) | | 07/06/05 | 07/06/05 | | | |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | · · · · · · · · · · · · · · · · · · · | | | | |
| Metals | | | | | | | , |
| Antimony | MG/KG | - | 0.42 | 0.69 U | 0.69 U | 0.69 U | 0.69 U |
| Arsenic | MG/KG | 12 | 4.0 | 1.8 | 3.1 | 2.4 | 4.1 |
| Barium | MG/KG | 600 | 66.5 | 26.8 | 50.3 | 70.9 | 58.1 |
| Beryllium | MG/KG | 1.75 | 0.48 | 0.25 | 0.37 | 0.50 | 0.64 |
| Cadmium | MG/KG | 1 | 0.17 | 0.04 | 0.15 | 0.060 U | 0.060 U |
| Calcium | MG/KG | 35000 | 16,600 | 59,800 | 98,800 | 45,800 | 54,700 |
| Chromium | MG/KG | 40 | 12.2 | 6.3 | 7.0 | 13.5 | 14.9 |
| Cobalt | MG/KG | 60 | 6.3 | 4.2 | 3.5 | 7.8 | 6.5 |
| Copper | MG/KG | 50 | 21.8 | 10.2 | 19.6 | 16.0 | 29.3 |
| iron | MG/KG | 5.50E+05 | 15,100 | 7,840 | 8,080 | 16,200 | 28,500 |
| Lead | MG/KG | 500 | 93.0 | 8.3 | 109 | 9.0 | 58.1 |
| Magnesium | MG/KG | 5000 | 6,390 | 22,000 | 6,410 | 13,900 | 3,900 |
| Manganese | MG/KG | 5000 | 330 | 295 | 223 | 341 | 248 |
| Mercury | MG/KG | 0.1 | 0.270 | 0.008 | 0.077 | 0.013 | 0.543 |
| Nickel | MG/KG | 25 | 14.8 | 8.2 | 9.7 | 18.6 | 16.1 |
| Potassium | MG/KG | 43000 | 1,260 | 1,160 | 838 | 2,200 | 1,250 |
| Selenium | MG/KG | 3.9 | 1.0 | 0.48 U | 0.50 | 0.53 | 1.2 |
| Silver | MG/KG | - | 0,17 | 0.15 U | 0.10 | 0.15 U | 0.15 U |
| Sodium | MG/KG | 8000 | 47.1 | 104 | 61.3 | 130 | 316 |
| Thallium | MG/KG | - | 0.66 U | 0.66 U | 0.66 U | 0.66 U | 0.66 U |
| Vanadium | MG/KG | 300 | 18.8 | 9.6 | 9.1 | 18.3 | 29.3 |
| Zinc | MG/KG | 50 | 81.7 | 38.0 | 54.3 | 49.7 | 97.9 |

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| Location ID | 1 | | I-01 | 1-01 | 1-02 | I-02 | I-03 |
|---|-----------|-----------|----------|-----------|----------|-----------|----------|
| Sample ID | Sample ID | | | I-01 | I-02 | 1-02 | I-03 |
| Matrix Depth Interval (ft) Date Sampled | | | Soil | Soil | Soil | Soil | Soil |
| | | | 0.0-1.5 | 13.5-14.5 | 0.0-1.0 | 22.0-23.0 | 1.4-2.6 |
| | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 |
| Parameter | Units | Criteria* | | | | | |
| Miscellaneous Parameters | | | | | | | |
| Cyanide | UG/KG | - | NA | NA | NA | NA | NA |
| Diesel Range Organics | MG/KG | - | 1.5 U | 1.5 U | 16 | 1.5 U | 1.5 U |
| Gasoline Range Organics | MG/KG | - | 0.050 U | 0.050 ∪ | 0.050 U | 0.050 U | 0.050 U |
| pΗ | S.U. | - | NA | NA . | NA | NA | NA |

Flags assigned during chemistry validation are shown.

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | <u>.</u> | | 1-03 | 1-04 | 1-04 | 1-04 | I-05 |
|--|----------|-----------|-----------|----------|----------|-------------|----------|
| Sample ID | | | 1-03 | 1-04 | 1-04 | 1-04 | 1-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | | | | | |
| 1,1,2,2-Tetrachioroethane | UG/KG | 600 | 1 U | 1 U | 1 U | 1 U | 1 () |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | UG/KG | 6000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | UG/KG | - | U e,0 | 0.9 U | 0,9 U | 0.9 U | 0.9 U |
| 1,1-Dichloroethane | UG/KG | 200 | 1 U | 10 | 1 U | 1 Ü | 1 Ü |
| 1,1-Dichloroethene | UG/KG | 400 | 0,6 U | 0.6 Ü | 0.6 U | 0.6 U | 0.6 U |
| 1,2,4-Trichlorobenzene | UG/KG | 3400 | 0.9 Ü | 0.9 ∪ | 0.9 U | 0.9 U | 0.9 U |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.7 U | 0.7 Ü | 0,7 U | 0.7 U | 0.7 U |
| 1,2-Dibromo-3-chloropropane | UG/KG | - | 1 U | 1 Ű | 1 U | 1 U | 1 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/KG | - | 0.8 U | 0.8 U | 0.8 U | 0.8 U | ს 8.0 |
| 1,2-Dichlorobenzene | UG/KG | 7900 | 0.6 U | 0,6 U | 0.6 U | 0.6 U | 0.6 U |
| 1,2-Dichloroethane | UG/KG | 100 | 0.9 U | 0.9 ∪ | 0.9 U | 0.9 U | 0.9 Ū |
| 1,2-Dichloroethene (cis) | UG/KG | - | 1 Ü | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethene (trans) | UG/KG | 300 | 1 U | 1 U | 1 ປ | 1 U | 1 U |
| 1,2-Dichloropropane | UG/KG | • | 0.9 U | 0.9 ∪ | 0.9 U | 0.9 U | 0.9 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U |
| 1,3-Dichlorobenzene | UG/KG | 1600 | 0.6 ∪ | 0.6 Ü | 0.6 U | 0.6 U | 0.6 ป |
| 1,3-Dichforopropene (cis) | UG/KG | - | 0.8 ∪ | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,3-Dichloropropene (trans) | UG/KG | - | 1 U | 1 Ü | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | UG/KG | 8500 | 0.6 ∪ | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 ∪ |
| 2-Hexanone | UG/KG | - | 5 U | 5 U | 5 Ų | 5 U | 5 () |
| 4-Methyl-2-pentanone | UG/KG | 1000 | 4 U | 4 U | 4 U | 4 U | 4 ∪ |
| Acetone | UG/KG | 200 | 22 | 2 U | 6 | 6 | 7 |

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Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit,

| Location ID | | | I-03 | 1-04 | I-04 | 1-04 | 1-05 |
|----------------------------------|-------|-----------|-----------|----------|----------|-----------|----------|
| Sample ID | | | 1-03 | I-04 | I-04 | 1-04 | 1-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval | (ft) | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sample | d | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | | | | | |
| Benzene | UG/KG | 60 | 0.8 U | 0.8 U | 0.8 U | ป 8.0 | 0.8 U |
| Bromodichloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 Ü | 0.7 U | 0.7 U |
| Bromoform | UG/KG | • | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromomethane | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| Carbon disuffide | UG/KG | 2700 | 1 U | 1 U | 1 υ | 1 U | 1 U |
| Carbon tetrachloride | UG/KG | 600 | 0.8 ป | 0.8 U | 0.8 U | U 8.0 | 0.8 U |
| Chlorobenzene | UG/KG | 1700 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Chloroethane | UG/KG | 1900 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Chloroform | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Cyclohexane | UG/KG | - | 0.9 ₺ | 0.9 U | 0.9 U | 0.9 U | 2 |
| Dibromochloromethane | UG/KG | - | U e,0 | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| Dichlorodifluoromethane | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| Ethylbenzene | UG/KG | 5500 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Isopropylbenzene (Cumene) | UG/KG | 2300 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Methyl acetate | ŲG/KG | - | 2 U | 2 U | 2 U | 2 U | 2 U |
| Methyl ethyl ketone (2-Butanone) | UG/KG | 300 | 5 | 3 U | 3 Մ | 3 ∪ | 3 ∪ |
| Methyl tert-butyl ether | UG/KG | • | 0.6 U | 0.6 U | 0.6 U | 0.6 ∪ | 0.6 U |
| Methylcyclohexane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 ↓ | 0.9 U |
| Methylene chloride | UG/KG | 100 | 11 | 5 | 14 | 8 | 6 |
| Naphthalene | UG/KG | 13000 | 2 U | 2 U | 2 U | 2 U | 2 U |
| n-Butylbenzene | UG/KG | 10000 | 2 U | 2 U | 2 U | 2 U | 2 U |

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Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | 1-03 | I-04 | I-04 | I-04 | 1-05 |
|--------------------------------|-------|-----------|-----------|----------|----------|-----------|----------|
| Sample ID | | | I-03 | I-04 | I-04 | I-04 | I-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | | | | | |
| n-Propylbenzene | UG/KG | 3700 | 0.9 U | 0.9 U | 0,9 U | 0.9 U | 0.9 U |
| p-Cymene (p-Isopropyltoluene) | UG/KG | - | 1 U | 1 Մ | 1 U | 1 U | 1 U |
| sec-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Styrene | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-Butylbenzene | UG/KG | 10000 | 1 U | 1 Ü | 1 Ü | 1 U | 1 U |
| Tetrachloroethene | UG/KG | 1400 | 0.8 U | U 8.0 | 0.8 U | 0.8 U | 0.8 U |
| Toluene | UG/KG | 1500 | 2 U | 2 U | 2 U | 2 U | 2 U |
| Trichloroethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Trichloroethene | UG/KG | 700 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 Ų |
| Trichlorofluoromethane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 ∪ |
| Vinyl chloride | UG/KG | 200 | 0.8 U | 0.8 U | 0.8 ∪ | 0.8 U | 0.8 U |
| Xylene (total) | UG/KG | 1200 | 3∪ | 3 U | 3 U | 3 U | 3 U |
| Semivolatile Organic Compounds | | | | | | | |
| 1,1'-Biphenyl | UG/KG | - | 50 U | 50 U | 50 U | 50 U | 50 U |
| 2,2'-oxybis(2-Chloropropane) | UG/KG | * | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,5-Trichlorophenol | UG/KG | 100 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,6-Trichlorophenol | UG/KG | - | 13 ∪ | 13 U | 13 U | 13 U | 13 U |
| 2,4-Dichlorophenal | UG/KG | 400 | 15 U | 15 U | 15 U | 15 U | 15 U |
| 2,4-Dimethylphenol | UG/KG | - | 33 ∪ | 33 U | 33 U | 33 U | 33 U |
| 2,4-Dinitrophenol | UG/KG | 200 | 120 U | 120 U | 120 U | 120 U | 120 U |
| 2,4-Dinitrotoluene | UG/KG | - | 33 ∪ | 33 U | 33 U | 33 U | 33 U |
| 2,6-Dinitrotoluene | UG/KG | 1000 | 66 U | 66 U | 66 U | 66 U | 66 U |

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U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

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| Location ID | | | I-03 | I-04 | I-04 | I - 04 | I-05 |
|--------------------------------|----------------|-----------|-----------|----------|----------|---------------|----------|
| Sample ID | | | 1-03 | I-04 | 1-04 | I-04 | 1-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | * \ | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sampled | -, | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| 2-Chloronaphthalene | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| 2-Chlorophenol | UG/KG | 800 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 2-Methylnaphthalene | UG/KG | 36400 | 14 U | 14 U | 37 | 14 U | 99 |
| 2-Methylphenol (o-cresol) | UG/KG | 100 | 33 ∪ | 33 U | 33 U | 33 U | 33 U |
| 2-Nitroaniline | UG/KG | 430 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 2-Nitrophenol | UG/KG | 330 | 66 U | 66 U | 66 U | 66 U | 66 U |
| 3,3'-Dichlorobenzidine | UG/KG | - | 150 U | 150 U | 150 U | 150 U | 150 U |
| 3-Nitroaniline | UG/KG | 500 | 17 U | 17 U | 17 U | 17 U | 17 U |
| 4,6-Dinitro-2-methylphenol | UG/KG | - | 66 ∪ | 66 U | 66 U | 66 U | 66 U |
| 4-Bromophenyl-phenylether | UG/KG | • | 11 U | 11 U | 11 U | 11 U | 11 U |
| 4-Chloro-3-methylphenol | UG/KG | 240 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Chloroaniline | UG/KG | 220 | 18 U | 18 U | 18 U | 18 U | 18 U |
| 4-Chlorophenyl-phenylether | UG/KG | - | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Methylphenol (p-cresol) | UG/KG | 900 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 4-Nitroaniline | UG/KG | - | 66 U | 66 U | 66 U | 66 U | 66 U |
| 4-Nitrophenol | UG/KG | 100 | 66 U | 66 U | 66 U | 66 U | 66 U |
| Acenaphthene | UG/KG | 50000 | 11 U | 55 | 11 U | 11 U | 110 |
| Acenaphthylene | UG/KG | 41000 | 10 U | 28 | 10 U | 10 U | 240 |
| Acetophenone | UG/KG | - | 64 U | 64 U | 64 U | 64 U | 64 U |
| Anthracene | UG/KG | 50000 | 9 U | 190 | 9 U | 9 U | 350 |
| Atrazine | UG/KG | - | 36 ∪ | 36 U | 36 U | 36 U | •36 U |
| Benzaldehyde | UG/KG | | 70 U | 70 ป | 70 U | 70 U | 70 U |

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Flags assigned during chemistry validation are shown.

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NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | • | 1-03 | I-04 | I-04 | 1-04 | 1-05 |
|--------------------------------|------------|-----------|-----------|----------|----------|-----------|----------|
| Sample ID | | | 1-03 | 1-04 | I-04 | I-04 | 1-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | it) | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | · Units | Criteria* | , | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| Benzo(a)anthracene | UG/KG | 224 | 13 U | 980 | 13 U | 13 U | 1,100 |
| Benzo(a)pyrene | UG/KG | 61 | 11 U | 1,200 | 11 U | 11 U | 1,000 |
| Benzo(b)fluoranthene | UG/KG | 1100 | 15 U | 2,300 | 15 U | 15 U | 1,600 |
| Benzo(g,h,i)perylene | UG/KG | 50000 | 10 Ų | 520 | 10 U | 10 U | 370 |
| Benzo(k)fluoranthene | UG/KG | 1100 | 17 U | 640 | 17 U | 17 U | 540 |
| bis(2-Chloroethoxy)methane | UG/KG | - | 14 U | 14 Ū | 14 U | 14 U | 14 U |
| bis(2-Chloroethyl)ether | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Ethylhexyl)phthalate | UG/KG | 50000 | 31 | 91 | 150 | 42 | 270 |
| Butylbenzyiphthalate | UG/KG | 50000 | 17 U | 17 U | 17 U | 17 U | 17 U |
| Caprolactam | ŲG/KG | - | 91 U | 91 Ų | 91 U | 91 U | 91 U |
| Carbazole | UG/KG | - | 11 U | 170 | 11 U | 11 U | 250 |
| Chrysene | UG/KG | 400 | 10 ∪ | 1,500 | 10 U | 10 U | 1,200 |
| Dibenz(a,h)anthracene | UG/KG | 14 | 13 U | 120 | 13 U | 13 U | 110 |
| Dibenzofuran | UG/KG | 6200 | 10 U | 29 | 10 U | 10 U | 120 |
| Diethylphthalate | ŲG/KG | 7100 | 9 U | 9 U | 9 U | 9 U | 9 U |
| Dimethylphthalate | UG/KG | 2000 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Di-n-butylphthalate | UG/KG | 8100 | 11 U | 11 U | 11 U | 11 U | 16 |
| Di-n-octylphthalate | ŲG/KG | 50000 | 31 U | 31 ∪ | 31 U | 31 U | 31 U |
| Fluoranthene | UG/KG | 50000 | 12 U | 2,600 | 12 U | 12 U | 2,800 |
| Fluorene | UG/KG | 50000 | 10 U | 66 | 10 U | 10 U | 150 |
| Hexachiorobenzene | UG/KG | 410 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Hexachlorobutadiene | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |

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Flags assigned during chemistry validation are shown.

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J - The reported concentration is an estimated value.

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NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit,

| Location ID | | | I-03 | 1-04 | 1-04 | I-04 | 1-05 |
|--------------------------------|-------|-----------|-----------|----------|----------|-----------|----------|
| Sample ID | | | 1-03 | I-04 | I-04 | 1-04 | 1-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sampled | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | 1 | | | | | | |
| Hexachlorocyclopentadiene | UG/KG | - | 12 U | 12 U | 12 U | 12 U | 12 U |
| Hexachloroethane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| Indeno(1,2,3-cd)pyrene | UG/KG | 3200 | 11 U | 460 | 11 U | 11 U | 350 |
| Isaphorone | UG/KG | 4400 | 13 U | 13 U | 13 U | 13 U | 13 U |
| Naphthalene | UG/KG | 13000 | 14 Ü | 14 U | 22 | 14 U | 94 |
| Nitrobenzene | UG/KG | 200 | 12 U | 12 U | 12 U | 12 U | 12 U |
| N-Nitroso-di-n-propylamine | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| N-Nitrosodiphenylamine | UG/KG | - | 29 U | 29 U | 29 U | 29 U | 29 U |
| Pentachiorophenol | UG/KG | 1000 | 50 U | 50 ∪ | 50 ป | 50 บ | 50 U |
| Phenanthrene | UG/KG | 50000 | 11 Ü | 1,300 | 29 | 11 U | 2,000 |
| Phenol | UG/KG | 30 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Pyrene | UG/KG | 50000 | 11 U | 2,200 | 11 U | 11 U | 1,800 |
| Polychlorinated Biphenyls | | | | | | | |
| Aroclor 1016 | UG/KG | 10000 | 0.62 U | 0.62 U | 0.62 U | 0.62 U | 0.62 U |
| Aroclor 1221 | UG/KG | 10000 | 2.4 U | 2.4 U | 2.4 U | 2.4 U | 2.4 U |
| Aroclor 1232 | UG/KG | 10000 | 5.6 U | 5.6 U | 5.6 U | 5,6 ∪ | 5.6 U |
| Aroclor 1242 | UG/KG | 10000 | 1.6 บ | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| Aroclor 1248 | UG/KG | 10000 | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U |
| Aroclor 1254 | UG/KG | 10000 | 2.2 U | 2.2 U | 2.2 U | 2.2 Ų | 2.2 U |
| Arocior 1260 | UG/KG | 10000 | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 U |
| Metals | | | | | | | |
| Aluminum | MG/KG | 33000 | 10,900 | 7,470 | 1,610 | 11,700 | 5,120 |

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Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit, D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; 8 - The reported concentration is above the method detection limit but below the quantitation limit,

| Location ID | | | I-03 | I-04 | I-04 | I-04 | I-05 |
|----------------|-------|-----------|-----------|----------|----------|-----------|----------|
| Sample ID | | _ | 1-03 | 1-04 | i-04 | I-04 | I-05 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval | (ft) | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sample | | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units | Criteria* | | | | | |
| Metals | | | | | | | |
| Antimony | MG/KG | <u>-</u> | 0.69 ∪ | 0.69 U | 0.61 | 0.69 U | 0.69 U |
| Arsenic | MG/KG | 12 | 2.5 | 6.0 | 4.8 | 2.0 | 6.5 |
| Barium | MG/KG | 600 | 62.6 | 58.2 | 29.8 | 84.6 | 88.1 |
| Beryllium | MG/KG | 1.75 | 0.59 | 0,37 | 0.37 | 0.60 | 0.54 |
| Cadmium | MG/KG | 1 | 0.060 U | 0.11 | 0.060 U | 0.060 U | 0.24 |
| Calcium | MG/KG | 35000 | 28,800 | 8,330 | 1,510 | 43,600 | 25,000 |
| Chromium | MG/KG | 40 | 16.2 | 9.0 | 14.7 | 16.4 | 150 |
| Cobalt | MG/KG | 60 | 8.7 | 8.5 | 12.0 | 8.3 | 4.1 |
| Copper | MG/KG | 50 | 15.7 | 15.8 | 28.1 | 14.9 | 34.9 |
| Iron | MG/KG | 5.50E+05 | 16,900 | 14,800 | 42,700 | 17,800 | 70,800 |
| Lead | MG/KG | 500 | 8.9 | 28.8 | 3.6 | 6.8 | 63.0 |
| Magnesium | MG/KG | 5000 | 8,270 | 3,410 | 335 | 10,600 | 5,000 |
| Manganese | MG/KG | 5000 | 325 | 622 | 176 | 340 | 6,040 |
| Mercury | MG/KG | 0.1 | 0.013 | 0.088 | 0.018 | 0.015 | 1.2 |
| Nickel | MG/KG | 25 | 21.0 | 12.8 | 42.6 | 20.4 | 8.5 |
| Potassium | MG/KG | 43000 | 1,940 | 768 | 812 | 2,260 | 693 |
| Selenium | MG/KG | 3.9 | 0.48 U | 1.1 | 2.7 | 0.48 U | 1.1 |
| Silver | MG/KG | - | 0.15 U | 0.10 | 0.15 U | 0.15 U | 0.37 |
| Sodium | MG/KG | 8000 | 303 | 547 | 217 | 128 | 183 |
| Thatlium | MG/KG | - | 0.66 U | 0.66 Ư | 0.36 | 0.66 Ų | 1.2 |
| Vanadium | MG/KG | 300 | 21.9 | 14.6 | 34.8 | 21.1 | 54.2 |
| Zinc | MG/KG | 50 | 46.1 | 58.4 | 8.3 | 45.5 | 68.7 |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I-03 | I-04 | I-04 | I-04 | 1-05 |
|--------------------------------|-----------------|---------|-----------|----------|-------------|-----------|----------|
| Sample ID | | | 1-03 | 1-04 | 1-04 | i-04 | 1-05 |
| Matrix Depth Interval (ft) | | | Soil | Soil | Soil | Soil | Soil |
| | | | 12.0-13.0 | 0.0-1.0 | 6.8-8.5 | 15.0-17.0 | 2.5-3.0 |
| Date Sample | Date Sampled | | 07/06/05 | 07/06/05 | 07/06/05 | 07/06/05 | 07/07/05 |
| Parameter | Units Criteria* | | | | | | |
| Miscellaneous Parameters | | | | | | | |
| Cyanide | UG/KG | - | NA | NA | NA | NA | NA |
| Diesel Range Organics | MG/KG | - | 1.5 U | 11 | 1.5 U | 1.5 U | 8.6 |
| oline Range Organics - MG/KG - | | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U | |
| ρΗ | S.U. | - | NA NA | NA | NA | NA | NA |

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

| Location ID | | | I - 05 | 1-06 | I-06 | I-07 | I-07 |
|--|-------|-----------|---------------|----------|-----------|----------|-----------|
| Sample ID | | | 1-05 | 1-06 | I-06 | 1-07 | I-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | 1) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1,5-2,5 | 24.0-25.0 |
| Date Sampled | | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | , |
| Volatile Organic Compounds | | | | | | | |
| 1,1,2,2-Tetrachloroethane | UG/KG | 600 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | UG/KG | 6000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,1-Dichloroethane | UG/KG | 200 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethene | UG/KG | 400 | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 1,2,4-Trichlorobenzene | UG/KG | 3400 | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| 1,2-Dibromo-3-chloropropane | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/KG | - | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2-Dichlorobenzene | UG/KG | 7900 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 ∪ |
| 1,2-Dichloroethane | ŲG/KG | 100 | 0.9 U | 0.9 U | 0,9 U | 0.9 () | 0.9 U |
| 1,2-Dichloroethene (cis) | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethene (trans) | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | ŲG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.6 U | 0.6 U | 0.6 U | 0.6 ∪ | 0.6 U |
| 1,3-Dichlorobenzene | UG/KG | 1600 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 1,3-Dichloropropene (cis) | UG/KG | - | 0.8 U | 0.8 U | 0.8 U | 0.8 U | บ 8.0 |
| 1,3-Dichloropropene (trans) | UG/KG | - | 1 U | 10 | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | UG/KG | 8500 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 2-Hexanone | UG/KG | - | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Methyl-2-pentanone | UG/KG | 1000 | 4 U | 4 U | 4 U | 4 U | 4 U |
| Acetone | UG/KG | 200 | 6 | 5 | 11 | 33 | 9 |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

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| Location ID | - | | 1-05 | I-06 | I-06 | 1-07 | I-07 |
|----------------------------------|--------------|-----------|---------------------------------------|----------|-----------|----------|-----------|
| Sample ID | | | I-05 | 1-06 | t-06 | 1-07 | 1-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sampled | i | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | · · · · · · · · · · · · · · · · · · · | | | | |
| Benzene | UG/KG | 60 | 0.8 U | 0.8 ∪ | 0.8 U | U 8.0 | 0.8 U |
| Bromodichloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Bromoform | UG/KG | - | 1 U | 1 υ | 1 U | 1 U | 1 U |
| Bromomethane | UG/KG | - | 1 U | 1 Ü | 1 ប | 1 U | 1 U |
| Carbon disulfide | UG/KG | 2700 | 1 Ų | 1 U | 1 U | 2 | 1 U |
| Carbon tetrachloride | UG/KG | 600 | 0.8 U | 0.8 ป | 0.8 U | 0.8 U | 0.8 U |
| Chlorobenzene | UG/KG | 1700 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Chloroethane | UG/KG | 1900 | 0.8 U | 0.8 ∪ | 0.8 U | 0.8 U | 0.8 U |
| Chloroform | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Cyclohexane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 1 | 0.9 U |
| Dibromochloromethane | UG/KG | - | 0.9 U | 0.9 ∪ | 0.9 U | 0.9 U | 0.9 U |
| Dichlorodifluoromethane | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| Ethylbenzene | UG/KG | 5500 | 0.6 U | 0.6 € | 0.6 U | 0.6 U | 0.6 U |
| isopropylbenzene (Cumene) | UG/KG | 2300 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 ∪ |
| Methyl acetate | UG/KG | | 2 U | 2 Ü | 2 U | 2 U | 2 U |
| Methyl ethyl ketone (2-Butanone) | UG/KG | 300 | 3 U | 3 U | 3 U | 6 | 3 U |
| Methyl tert-butyl ether | UG/KG | - | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 ∪ |
| Methylcyclohexane | UG/KG | • | 0.9 U | 0.9 U | 0.9 U | 1 | 0.9 U |
| Methylene chloride | UG/KG | 100 | 8 | 11 | 9 | 5 | 4 U |
| Naphthalene | UG/KG | 13000 | 2 U | 2 υ | 2 Ų | 2 U | 2 U |
| n-Butylbenzene | UG/KG | 10000 | 2 U | 2 U | 2 U | 2 U | 2 U |

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Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

 $[\]ensuremath{\text{UJ}}$ - Not detected. The reported quantitation limit is an estimated value.

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| Location ID | | | I-05 | 1-06 | 1-06 | I-07 | I-07 |
|--------------------------------|-------|-----------|---------------|---------------|-----------|----------|-------------|
| Sample ID | | | I -0 5 | I - 06 | I-06 | I-07 | 1-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sampled | | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | | | | | |
| n-Propylbenzene | UG/KG | 3700 | 0.9 U | 0.9 U | 0.9 ∪ | 0.9 U | 0.9 U |
| p-Cymene (p-isopropyltoluene) | UG/KG | - | 1 U | 1 U | "1 U | 1 U | 1 U |
| sec-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Styrene | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tetrachioroethene | UG/KG | 1400 | 0.8 ∪ | 0.8 U | 0.8 U | 0.8 U | 0.8 ∪ |
| Toluene | UG/KG | 1500 | 2 U | 2 U | 2 U | 2 U | 2 Մ |
| Trichloroethane | UG/KG | • | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Trichloroethene | UG/KG | 700 | 0.6 U | 0,6 U | 0,6 U | 0.6 U | 0.6 U |
| Trichlorofluorometrane | UG/KG | - | 0.9 U | 0,9 U | 0.9 U | 0.9 U | 0.9 U |
| Vinyl chloride | UG/KG | 200 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Xylene (total) | UG/KG | 1200 | 3 Ų | 3 U | 3 U | 3 ∪ | 3 U |
| Semivolatile Organic Compounds | | | | | <u> </u> | | |
| 1,1'-Biphenyl | UG/KG | - | 50 U | 50 Ų | 50 U | 50 U | 50 U |
| 2,2'-oxybis(2-Chloropropane) | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,5-Trichlorophenol | UG/KG | 100 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,6-Trichlorophenol | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| 2,4-Dichloraphenol | UG/KG | 400 | 15 U | 15 U | 15 U | 15 U | 15 U |
| 2,4-Dimethylphenol | UG/KG | - | 33 U | 33 U | 33 U | 33 U | 33 U |
| 2,4-Dinitrophenol | UG/KG | 200 | 120 U | 120 U | 120 U | 120 U | 120 U |
| 2,4-Dinitrotoluene | UG/KG | - | 33 ป | 33 U | 33 ∪ | 33 U | 33 ∪ |
| 2,6-Dinitrotoluene | UG/KG | 1000 | 66 U | 66 U | 66 U | 66 U | 66 U |

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U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

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| Location ID | | | I-05 | 1-06 | 1-06 | 1-07 | I-07 |
|--------------------------------|-------|-----------|-------------|----------|-----------|----------|-----------|
| Sample ID | | | I-05 | I-06 | 1-06 | 1-07 | 1-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (1 | t) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sampled | | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| 2-Chloronaphthalene | UG/KG | - | 13 U | 13 U | 13 Ų | 13 U | 13 U |
| 2-Chlorophenol | UG/KG | 800 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 2-Methylnaphthalene | UG/KG | 36400 | 14 U | 320 | 14 U | 110 | 14 U |
| 2-Methyiphenol (o-cresol) | UG/KG | 100 | 33 U | 33 ∪ | 33 U | 33 U | 33 U |
| 2-Nitroaniline | UG/KG | 430 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 2-Nitrophenol | UG/KG | 330 | 66 U | 66 U | 66 U | 66 U | 66 U |
| 3,3'-Dichlorobenzidine | UG/KG | • | 150 U | 150 U | 150 U | 150 ປ | 150 U |
| 3-Nitroaniline | UG/KG | 500 | 17 U | 17 U | 17 U | 17 U | 17 U |
| 4,6-Dinitro-2-methylphenoi | UG/KG | - | 66 U | 66 U | 66 U | 66 U | 66 U |
| 4-Bromophenyl-phenylether | UG/KG | - | 11 U | 11 U | 11 Ų | 11 U | 11 U |
| 4-Chioro-3-methylphenol | UG/KG | 240 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Chloroaniline | UG/KG | 220 | 18 U | 18 U | 18 U | 18 U | 18 U |
| 4-Chlorophenyl-phenylether | UG/KG | - | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Methylphenol (p-cresoi) | UG/KG | 900 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 4-Nitroaniline | UG/KG | - | 66 U | 66 U | 66 U | 66 U | 66 U |
| 4-Nitrophenol | UG/KG | 100 | 66 U | 66 U | 66 U | 66 U | 66 ∪ |
| Acenaphthene | UG/KG | 50000 | 11 U | 700 | 11 U | 240 | 11 U |
| Acenaphthylene | UG/KG | 41000 | 10 U | 1,300 | 10 U | 260 | 10 U |
| Acetophenone | UG/KG | - | 64 U | 64 U | 64 U | 64 U | 64 U |
| Anthracene | UG/KG | 50000 | 9 U | 4,200 | 9 U | 690 | 9 Ü |
| Atrazine | UG/KG | - | 36 U | 36 U | 36 U | 36 ∪ | 36 ∪ |
| Benzaidehyde | UG/KG | - | 70 U | 70 U | 70 U | 70 U | 70 ∪ |

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Concentration Exceeds Criteria

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J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; 8 - The reported concentration is above the method detection limit but below the quantitation limit.

| Location,ID | | | I-05 | 1-06 | I-06 | I-07 | 1-07 |
|--------------------------------|----------------|-----------|-----------|----------|-----------|----------|--------------|
| Sample ID | | | 1-05 | I-06 | 1-06 | 1-07 | 1-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | 1) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sampled | | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | <u> </u> | | |
| Benzo(a)anthracene | UG/KG | 224 | 13 U | 6,900 | 15 | 1,900 | 13 U |
| Benzo(a)pyrene | UG/KG | 61 | 11 U | 6,300 | 12 | 1,700 | 1 1 U |
| Benzo(b)fluoranthene | UG/KG | 1100 | 15 U | 8,800 | 15 U | 2,100 | 15 U |
| Benzo(g,h,i)perylene | UG/KG | 50000 | 10 U | 2,300 | 10 U | 1,100 | 10 U |
| Benzo(k)fluoranthene | UG/KG | 1100 | 17 U | 9,000 | 17 U | 630 | 17 U |
| bis(2-Chloroethoxy)methane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Chloroethyl)ether | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Ethythexyl)phthalate | UG/KG | 50000 | 29 | 19 Ų | 29 | 130 | 19 U |
| Butylbenzylphthalate | UG/KG | 50000 | 17 U | 17 U | 17 U | 17 U | 17 U |
| Caprolactam | UG/KG | • | 91 U | 91 U | 91 U | 91 Ư | 91 Ų |
| Carbazole | UG/KG | - | 11 U | 740 | 11 U | 320 | 11 U |
| Chrysene | UG/KG | 400 | 10 U | 6,200 | 11 | 1,800 | 18 |
| Dibenz(a,h)anthracene | UG/KG | 14 | 13 U | 730 | 13 U | 300 | 13 U |
| Dibenzofuran | UG/KG | 6200 | 10 Ü | 950 | 10 U | 240 | 10 U |
| Diethyiphthalate | UG/KG | 7100 | 9 U | 9 U | 9 U | 9 U | 9 U |
| Dimethylphthalate | UG/KG | 2000 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Di-n-butylphthalate | UG/KG | 8100 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Di-n-octylphthalate | UG/KG | 50000 | 31 U | 31 U | 31 U | 31 ∪ | 31 U |
| Fluoranthene | UG/KG | 50000 | 12 U | 18,000 | 18 | 4,600 | 38 |
| Fluorene | UG/KG | 50000 | 10 U | 2,100 | 10 U | 400 | 10 U |
| Hexachlorobenzene | UG/KG | 410 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Hexachlorobutadiene | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |

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Flags assigned during chemistry validation are shown.

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J - The reported concentration is an estimated value.

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NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I - 05 | 1-06 | 1-06 | 1-07 | i-07 |
|--------------------------------|-------|-----------|---------------|----------|-----------|---------------|-----------|
| Sample ID | | | I-05 | 1-06 | 1-06 | I-07 | 1-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sampled | | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| Hexachlorocyclopentadiene | UG/KG | - | 12 U | 12 U | 12 U | 12 U | 12 U |
| Hexachloroethane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| Indeno(1,2,3-cd)pyrene | UG/KG | 3200 | 11 U | 2,000 | 11 U | 960 | 11 U |
| Isophorone | UG/KG | 4400 | 13 U | 13 U | 13 U | 13 U | 13 U |
| Naphthalene | UG/KG | 13000 | 14 U | 620 | 14 U | 190 | 14 U |
| Nitrobenzene | UG/KG | 200 | 12 U | 12 U | 12 U | 12 U | 12 U |
| N-Nitroso-di-n-propylamine | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| N-Nitrosodiphenylamine | UG/KG | • | 29 U | 29 U | 29 U | 29 U | 29 U |
| Pentachiorophenol | UG/KG | 1000 | 50 U | 50 U | 50 U | 50 U | 50 U |
| Phenanthrene | UG/KG | 50000 | 11 U | 16,000 | 11 U | 3,400 | 24 |
| Phenol | UG/KG | 30 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Pyrene | UG/KG | 50000 | 11 U | 13,000 | 16 | 3,300 | 23 |
| Polychlorinated Biphenyls | | | | | | · | |
| Aroclor 1016 | UG/KG | 10000 | 0.62 U | 0.62 U | 0.62 U | 0.62 U | 0.62 U |
| Aroclor 1221 | UG/KG | 10000 | 2.4 U | 2.4 U | 2.4 U | 2.4 U | 2.4 U |
| Aroclor 1232 | UG/KG | 10000 | 5.6 U | 5.6 U | 5.6 U | 5.6 U | 5.6 U |
| Aroclor 1242 | UG/KG | 10000 | 1.6 U | 1.6 U | 1.6 ∪ | 1.6 U | 1.6 U |
| Aroclor 1248 | UG/KG | 10000 | 0.92 U | 0.92 U | 0.92 U | 0.92 U | 0.92 U |
| Aroclor 1254 | UG/KG | 10000 | 2.2 U | 2.2 U | 2.2 U | 26 | 2.2 U |
| Aroclor 1260 | UG/KG | 10000 | 1.3 U | 1.3 U | 1.3 Ų | 1.3 U | 1.3 U |
| Metals | | | | | | - | |
| Aluminum | MG/KG | 33000 | 7,800 | 4,460 | 6,030 | 14,900 | 9,210 |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

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J - The reported concentration is an estimated value.

 $[\]ensuremath{\mathsf{UJ}}$ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit,

| Location ID | | | I-05 | 1-06 | I-06 | 1-07 | I-07 |
|-------------------|-------|-----------|-----------|----------|-----------|----------|---------------|
| Sample ID | | | I-05 | 1-06 | i-06 | 1-07 | I - 07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sampled | | | 07/07/05 | 07/07/05 | 07/07/05 | 07/08/05 | 07/08/05 |
| Parameter | Units | Criteria* | | | | | |
| Metals | - | | | | | | |
| Antimony | MG/KG | - | 0.69 U | 0.80 | 0.69 U | 0.69 ∪ | 0.69 ∪ |
| Arsenic | MG/KG | 12 | 1.7 | 8.0 | 3.3 | 5.5 | 3.1 |
| Barium | MG/KG | 600 | 69.7 | 114 | 43.7 | 134 | 82.3 |
| Beryllium | MG/KG | 1.75 | 0.41 | 0.53 | 0.39 | 0.95 | 0.48 |
| Cadmium | MG/KG | 1 | 0.44 | 1.2 | 0.41 | 0.84 | 0.44 |
| Calcium | MG/KG | 35000 | 62,200 | 30,000 | 54,400 | 28,300 | 45,300 |
| Chromium | MG/KG | 40 | 10.8 | 144 | 8.5 | 20.0 | 12.7 |
| Cobalt | MG/KG | 60 | 5.2 | 5.1 | 3.9 | 10.7 | 7.1 |
| Copper | MG/KG | 50 | 13.1 | 74.3 | 13.9 | 43.0 | 14.7 |
| Iron | MG/KG | 5.50E+05 | 11,600 | 31,100 | 11,300 | 27,400 | 14,500 |
| Lead | MG/KG | 500 | 11.4 | 117 | 8.7 | 78.9 | 9.3 |
| Magnesium | MG/KG | 5000 | 22,500 | 7,980 | 21,600 | 8,840 | 15,800 |
| Manganese | MG/KG | 5000 | 385 | 3,140 | 296 | 469 | 357 |
| Mercury | MG/KG | 0.1 | 0.010 U | 1.3 | 0.016 | 0.364 | 0.013 |
| Nickel | MG/KG | 25 | 12.8 | 12.5 | 11,2 | 27.2 | 16.6 |
| Potassium | MG/KG | 43000 | 2,040 | 782 | 1,580 | 2,980 | 2,210 |
| Selenium | MG/KG | 3.9 | 0.48 U | 1,6 | 0.48 U | 1.2 | 0.78 |
| Silver | MG/KG | - | 0.15 U | 0.13 | 0.15 U | 0.19 | 0.15 U |
| Sodium | MG/KG | 8000 | 251 | 273 | 215 | 421 | 303 |
| Thallium | MG/KG | - | 0.66 U | 0,66 ∪ | 0,66 U | 0.66 U | 0.66 U |
| Vanadium | MG/KG | 300 | 14.8 | 40.9 | 13.7 | 28.7 | 16.9 |
| Zinc | MG/KG | 50 | 46.3 | 114 | 54.5 | 85.1 | 45.4 |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | 1-05 | 1-06 | 1-06 | I-07 | I-07 |
|---------------------------|---------------------|---|-----------|-----------------------|-----------|----------|-----------|
| Sample ID | Sample ID | | | 1-06 | 1-06 | I-07 | I-07 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval | Depth Interval (ft) | | 12.5-16.0 | 1.0-3.0 | 24.0-26.0 | 1.5-2.5 | 24.0-25.0 |
| Date Sample | d | | 07/07/05 | 07/07/05 07/07/05 07/ | | 07/08/05 | 07/08/05 |
| Parameter Units Criteria* | | | | | | | |
| Miscellaneous Parameters | Ì | | | | | - | |
| Cyanide | UG/KG | | NA | 235 U | 235 U | NA | NA |
| Diesel Range Organics | MG/KG | - | 1.5 U | 29 | 1.5 U | 11 | 1.5 U |
| Gasoline Range Organics | MG/KG | - | 0.050 U | 0.050 U | 0,050 ∪ | 0.050 U | 0.050 U |
| рН | S.U. | - | NA | NA | NA | 8.79 | 8.38 |

Flags assigned during chemistry validation are shown.

Concentration Exceeds Criteria

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

| Location ID | | | I-08 | 1-08 | I-08 | 1-09 | 1-09 |
|--|----------|--|---|----------|-----------|----------|-----------|
| Sample ID | | | 1-08 | 1-08 | 1-08 | 1-09 | 1-09 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 | 1.5-2.0 | 15.0-17.0 |
| Date Sampled | <u> </u> | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/11/05 |
| Parameter | I | , | *************************************** | | 0.700703 | 07708703 | 0//1//05 |
| - arameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | · · · · · · · · · · · · · · · · · · · | | | | |
| 1,1,2,2-Tetrachloroethane | UG/KG | 600 | 1 U | 1 U | 10 | 1 U | 1 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | UG/KG | 6000 | 1 U | . 10 | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | UG/KG | - | 0,9 U | 0.9 ひ | 0.9 U | 0.9 U | 0.9 U |
| 1,1-Dichloroethane | UG/KG | 200 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethene | UG/KG | 400 | 0.6 U | 0.6 Ų | 0.6 U | 0.6 ∪ | 0.6 ∪ |
| 1,2,4-Trichlorobenzene | UG/KG | 3400 | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.7 U | 0.7 ∪ | 0.7 U | 0.7 U | 0.7 U |
| 1,2-Dibromo-3-chloropropane | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 Ü |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/KG | - | 0.8 ∪ | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2-Dichlorobenzene | UG/KG | 7900 | 0,6 ∪ | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U |
| 1,2-Dichloroethane | UG/KG | 100 | 0.9 U | 0.9 U | ن 9.0 | 0.9 U | 0.9 U |
| 1,2-Dichloroethene (cis) | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethene (trans) | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | UG/KG | - | 0.9 U | 0.9 ป | 0.9 U | 0.9 U | บ e.0 |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 1,3-Dichlorobenzene | UG/KG | 1600 | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U | 0.6 ป |
| 1,3-Dichloropropene (cis) | UG/KG | - | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,3-Dichloropropene (trans) | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | UG/KG | 8500 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 2-Hexanone | UG/KG | - | 5 U | 5 U | 5 U | 5 U | 5 U |
| 4-Methyl-2-pentanone | UG/KG | 1000 | 4 U | 4 U | 4 U | 4 U | 4 U |
| Acetone | UG/KG | 200 | 41 | 4 | 10 | 6 | 5 |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I-08 | I-08 | 1-08 | I-09 | I-09 |
|----------------------------------|-------|-----------|----------|----------|-----------|----------|-----------|
| Sample ID | | | 1-08 | 1-08 | I-08 | 1-09 | 1-09 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (i | t) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 | 1.5-2.0 | 15.0-17.0 |
| Date Sampled | | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/11/05 |
| Parameter | Units | Criteria* | : | | | | |
| Volatile Organic Compounds | | | | | | | |
| Benzene | UG/KG | 60 | 0.8 U | 0.8 U | 0.8 U | 0.8 ∪ | 0.8 U |
| Bromodichloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 ∪ |
| Bromoform | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 U |
| Bromomethane | UG/KG | - | 1 U | 1 U | 1 U | 1 U | 1 Ü |
| Carbon disulfide | UG/KG | 2700 | 1 U | 1 ប | 1 U | 1 U | 1 U |
| Carbon tetrachloride | UG/KG | 600 | 0.8 บ | 0.8 ∪ | 0.8 U | 0.8 U | 0.8 U |
| Chlorobenzene | UG/KG | 1700 | 0,6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 じ |
| Chloroethane | UG/KG | 1900 | 0,8 U | -0.8 Ų | 0.8 U | 0.8 U | 0.8 ป |
| Chloroform | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Chloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Cyclohexane | UG/KG | - | 0.9 U | 1 | 0.9 U | 0.9 U | 0.9 U |
| Dibromochloromethane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| Dichlorodifluoromethane | UG/KG | - | 1 U | 1 U | 2 | 1 U | 1 U |
| Ethylbenzene | UG/KG | 5500 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U |
| Isopropylbenzene (Cumene) | UG/KG | 2300 | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Methyl acetate | UG/KG | • | 2 U | 2 U | 2 Ü | 2 ∪ | 2 U |
| Methyl ethyl ketone (2-Butanone) | UG/KG | 300 | 7 | 3 U | 3 U | 3 U | 3 U |
| Methyl tert-butyl ether | UG/KG | - | 0.6 U | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Methylcyclohexane | UG/KG | - | 0.9 U | 0.9 Ū | 0.9 U | 0.9 ป | 0.9 U |
| Methylene chloride | UG/KG | 100 | 7 | 7 | 6 | 6 | 13 |
| Naphthalene | UG/KG | 13000 | 2 U | 2 Ü | 2 U | 2 U | 2∪ |
| n-Butylbenzene | UG/KG | 10000 | 2 U | 2 Ü | 2 U | 2 Ų | 2 U |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

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| Location ID | | | 1-08 | 1-08 | I-08 | I-09 | 1-09 |
|--------------------------------|-------|-----------|---------------------------------------|----------|-----------------------|---------------------|-----------|
| Sample ID | | | 80-1 | i-08 | I-08 | 1-09 | I-09 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval | (ft) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 07/08/05 | 1.5-2.0 07/08/05 | 15.0-17.0 |
| Date Sample | d | | 07/08/05 | 07/08/05 | | | 07/11/05 |
| Parameter | Units | Criteria* | | | | | |
| Volatile Organic Compounds | | | · · · · · · · · · · · · · · · · · · · | - | | - | |
| n-Propylbenzene | UG/KG | 3700 | 0.9 U | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| p-Cymene (p-Isopropyltoluene) | UG/KG | - 1 | 1 U | 1 U | 1 U | 1 U | 1 U |
| sec-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 10 |
| Styrene | UG/KG | • | 1 U | 1 U | 1 U | 1 U | 1 U |
| tert-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U | 1 U |
| Tetrachloroethene | UG/KG | 1400 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Toluene | UG/KG | 1500 | 2 U | 2 U | 2 U | 2 U | 3 |
| Trichloroethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U | 0.7 ∪ |
| Trichloroethene | UG/KG | 700 | 0.6 U | 0,6 U | 0.6 U | 0.6 U | 0.6 U |
| Trichlorofluoromethane | UG/KG | - | 0.9 Ų | 0.9 Ų | 0.9 ∪ | 0.9 U | 0.9 U |
| Vinyl chloride | UG/KG | 200 | 0.8 U | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Xylene (total) | UG/KG | 1200 | 3 U | 3 U | 3 U | 3 ∪ | 3 U |
| Semivolatile Organic Compounds | | | | | | | |
| 1,1'-Biphenyl | UG/KG | - | 50 U | 50 U | 50 U | 50 U _ | 50 U |
| 2,2'-oxybis(2-Chloropropane) | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,5-Trichlorophenol | UG/KG | 100 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2,4,6-Trichlorophenol | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| 2,4-Dichlorophenol | UG/KG | 400 | 15 U | 15 U | 15 U | 15 U | 15 U |
| 2,4-Dimethylphenol | UG/KG | - | 33 U | 33 U | 33 U | 33 U | 33 U |
| 2,4-Dinitrophenol | UG/KG | 200 | 120 U | 120 U | 120 U | 120 U | 120 U |
| 2,4-Dinitrotoluene | UG/KG | | 33 U | 33 U | 33 U | 33 U | 33 U |
| 2,6-Dinitrotoluene | UG/KG | 1000 | 66 U | 66 U | 66 U | 66 U | 66 U |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I-08 | I-08 | 1-08 | I-09 | I-09 |
|--------------------------------|-------|-----------|----------|----------|-----------|----------|-----------|
| Sample ID | | | I-08 | I-08 | 1-08 | I-09 | 1-09 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 | 1.5-2.0 | 15.0-17.0 |
| Date Sampled | | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | · | | | | |
| 2-Chloronaphthalene | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| 2-Chlorophenol | UG/KG | 800 | 12 U | 12 U | 12 Ų | 12 U | 12 U |
| 2-Methylnaphthalene | UG/KG | 36400 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 2-Methylphenol (o-cresol) | UG/KG | 100 | 33 U | 33 U | 33 U | 33 U | 33 U |
| 2-Nitroaniline | UG/KG | 430 | 12 U | 12 U | 12 U | 12 U | 12 U |
| 2-Nitrophenol | UG/KG | 330 | 66 U | 66 U | 66 U | 66 U | 66 U |
| 3,3'-Dichlorobenzidine | UG/KG | - | 150 U | 150 U | 150 U | 150 U | 150 U |
| 3-Nitroaniline | UG/KG | 500 | 17 U | 17 U | 17 U | 17 U | 17 U |
| 4,6-Dinitro-2-methylphenol | UG/KG | - | 66 U | 66 U | 66 U | 66 U | 66 U |
| 4-Bromophenyl-phenylether | UG/KG | - | 11 U | 11 U | 11 U | 11 U | 11 U |
| 4-Chloro-3-methylphenol | UG/KG | 240 | 12 U | 12 Ü | 12 U | 12 U | 12 U |
| 4-Chloroaniline | UG/KG | 220 | 18 U | 18 U | 18 U | 18 U | 18 U |
| 4-Chlorophenyl-phenylether | UG/KG | - | 12 U | 12 U | 12 U | 12 U | 12 U |
| 4-Methylphenol (p-cresol) | UG/KG | 900 | 14 U | 14 U | 14 U | 14 U | 14 U |
| 4-Nitroaniline | UG/KG | | 66 U | 66 U | 66 U | 66 ∪ | 66 U |
| 4-Nitrophenol | UG/KG | 100 | 66 U | 66 U | 66 U | 66 U | 66 U |
| Acenaphthene | UG/KG | 50000 | 11 U | 11 U | 11 Ü | 11 U | 11 U |
| Acenaphthylene | UG/KG | 41000 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Acetophenone | UG/KG | - | 64 U | 64 U | 64 U | 64 U | 64 U |
| Anthracene | UG/KG | 50000 | 25 | 9 U | 9 ∪ | 9 U | 9 U |
| Atrazine | UG/KG | | 36 U | 36 U | 36 U | 36 U | 36 U |
| Benzaldehyde | UG/KG | - | 70 U | 70 U | 70 U | 70 U | 70 U |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4045 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Location ID | | | I-08 | 1-08 | I-08 | 1-09 | I-09 |
|--------------------------------|-------|-----------|----------|-------------|-----------|----------|-------------|
| Sample ID | | | 1-08 | I-08 | 1-08 | 1-09 | 1-09 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval (f | t) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 | 1.5-2.0 | 15.0-17.0 |
| Date Sampled | | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| Benzo(a)anthracene | UG/KG | 224 | 87 | 22 | 30 | 13 U | 19 |
| Benzo(a)pyrene | UG/KG | 61 | 79 | 18 | 25 | 11 U | 11 U |
| Benzo(b)fluoranthene | UG/KG | 1100 | 100 | 26 | 34 | 15 U | 15 U |
| Benzo(g.h,i)perylene | UG/KG | 50000 | 29 | 10 U | 19 | 10 U | 10 U |
| Benzo(k)fluoranthene | UG/KG | 1100 | 40 | 17 U | 17 U | 17 U | 17 U |
| bis(2-Chloroethoxy)methane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Chloroethyl)ether | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| bis(2-Ethythexyl)phthalate | UG/KG | 50000 | 75 | 26 | 52 | 50 | 19 U |
| Butylbenzylphthalate | UG/KG | 50000 | 17 U | 17 U | 17 U | 17 U | 17 U |
| Caprolactam | UG/KG | - | 91 U | 91 U | 91 U | 91 U | 91 U |
| Carbazole | UG/KG | • | 11 U | 11 U | 11 U | 11 U | 11 U |
| Chrysene | UG/KG | 400 | 89 | 24 | 32 | 16 | 17 |
| Dibenz(a,h)anthracene | UG/KG | 14 | 13 U | 13 U | 13 U | 13 U | 13 U |
| Dibenzofuran | UG/KG | 6200 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Diethylphthalate | UG/KG | 7100 | 9 U | 9 ∪ | 9 ∪ | 9 U | 9 U |
| Dimethylphthalate | UG/KG | 2000 | 10 U | 10 U | 10 U | 10 U | 10 U |
| Di-n-butylphthalate | UG/KG | 8100 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Di-n-octylphthalate | UG/KG | 50000 | 31 U | 31 U | 31 U | 31 U | 31 U |
| Fluoranthene | UG/KG | 50000 | 190 | 59 | 82 | 34 | 42 |
| Fluorene | UG/KG | 50000 | 10 U | 10 U | 10 U | 10 U | 26 |
| Hexachlorobenzene | UG/KG | 410 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Hexachlorobutadiene | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

J - The reported concentration is an estimated value.

UJ - Not detected. The reported quantitation limit is an estimated value.

NA - Not Analyzed.; B - The reported concentration is above the method detection limit but below the quantitation limit.

| Sample ID | | Location ID | | | | | I-09 |
|--------------------------------|-------|-------------|----------|-------------|-----------|-------------|---------------|
| | | | 1-08 | 1-08 | I-08 | 1-09 | I -0 9 |
| Matrix | | | Soil | Soil | Soil | Soil | Soil |
| Depth Interval | (ft) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 | 1.5-2.0 | 15.0-17.0 |
| Date Sample | d | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | | |
| Semivolatile Organic Compounds | | | | | | | |
| Hexachlorocyclopentadiene | UG/KG | - | 12 U | 12 U | 12 U | 12 U | 12 U |
| Hexachloroethane | UG/KG | - | 14 U | 14 U | 14 U | 14 U | 14 U |
| ndeno(1,2,3-cd)pyrene | UG/KG | 3200 | 26 | 11 U | 17 | 11 U | 11 U |
| sophorane | UG/KG | 4400 | 13 U | 13 U | 13 U | 13 U | 13 U |
| Naphthalene | UG/KG | 13000 | 14 U | 14 U | 14 U | 14 U | 14 U |
| Vitrobenzene | UG/KG | 200 | 12 U | 12 U | 12 U | 12 U | 12 U |
| N-Nitroso-di-n-propylamine | UG/KG | - | 13 U | 13 U | 13 U | 13 U | 13 U |
| N-Nitrosodiphenylamine | UG/KG | - | 29 U | 29 U | 29 Ų | 29 U | 29 U |
| Pentachlorophenol | UG/KG | 1000 | 50 U | 50 U | 50 U | 50 ∪ | 50 U |
| Phenanthrene | UG/KG | 50000 | 100 | 40 | 52 | 19 | 32 |
| Phenol | UG/KG | 30 | 11 U | 11 U | 11 U | 11 U | 11 U |
| Pyrene | UG/KG | 50000 | 170 | 40 | 50 | 23 | 31 |
| Polychlorinated Biphenyls | | | | | | | |
| Aroclor 1016 | UG/KG | 10000 | 0.62 U | 0.62 U | 0.62 U | 0.62 U | 0.62 U |
| Aroclor 1221 | UG/KG | 10000 | 2.4 U | 2.4 U | 2.4 U | 2.4 U | 2.4 U |
| Aroclor 1232 | UG/KG | 10000 | 5.6 U | 5.6 U | 5.6 ∪ | 5.6 U | 5.6 U |
| Aroclor 1242 | UG/KG | 10000 | 1.6 U | 1.6 U | 1.6 U | 1.6 U | 1.6 U |
| Aroclor 1248 | UG/KG | 10000 | 0.92 U | 0.92 U | 0.92 U | 0.92 ∪ | 0.92 U |
| Aroclar 1254 | UG/KG | 10000 | 2.2 U | 2.2 U | 2.2 U | 2.2 U | 2.2 U |
| Aroclor 1260 | UG/KG | 10000 | 1.3 U | 1.3 U | 1.3 U | 1.3 U | 1.3 ปั |
| Metals | | | | | | | |
| Aluminum | MG/KG | 33000 | 12,500 | 15,800 | 16,400 | 12,300 | 15,600 |

*Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown.

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| Locati | ion ID | | I-08 | 1-08 | 1-08 | 1-09 | I-09 |
|--------------|------------|-----------|---------------------------------------|----------|-----------|----------|-----------|
| Samp | ole ID | | 1-08 | 1-08 | I-08 | 1-09 | 1-09 |
| Mat | trix | | Soil | Soil | Soil | Soil | Soil |
| Depth Int | erval (ft) | | 1.5-2.0 | 4.0-4.5 | 25.0-26.5 | 1.5-2.0 | 15.0-17,0 |
| Date Sa | ampled | | 07/08/05 | 07/08/05 | 07/08/05 | 07/08/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | | |
| Metals | | | · · · · · · · · · · · · · · · · · · · | | | | |
| Antimony | MG/KG | - | 0.69 ∪ | 0.69 U | 0.69 U | 0.69 U | 0.69 U |
| Arsenic | MG/KG | 12 | 2.9 | 2.6 | 3.2 | 6.2 | 4.3 |
| Barium | MG/KG | 600 | 63.5 | 71.9 | 123 | 131 | 97.1 |
| Beryllium | MG/KG | 1.75 | 0.64 | 0.80 | 0.84 | 0.63 | 0.79 |
| Cadmium | MG/KG | 1 | 0.56 | 0.67 | 0.66 | 1.1 | 0.28 |
| Calcium | MG/KG | 35000 | 3,420 | 42,700 | 39,300 | 3,220 | 48,900 |
| Chromium | MG/KG | 40 | 15.2 | 21.2 | 22.2 | 17.2 | 21.6 |
| Cobalt | MG/KG | 60 | 6.5 | 8.8 | 12.4 | 11.2 | 12.8 |
| Copper | MG/KG | 50 | 18.0 | 19.7 | 22.3 | 29.2 | 21.2 |
| Iron | MG/KG | 5.50E+05 | 19,400 | 23,900 | 25,300 | 24,900 | 24,800 |
| Lead | MG/KG | 500 | 48.7 | 7.9 | 8.9 | 19.2 | 10.7 |
| Magnesium | MG/KG | 5000 | 3,440 | 10,800 | 12,600 | 5,430 | 16,600 |
| Manganese | MG/KG | 5000 | 241 | 357 | 492 | 1,740 | 500 |
| Mercury | MG/KG | 0.1 | 0.155 | 0.014 | 0.012 | 0.322 | 0.011 |
| Nickel | MG/KG | 25 | 12.1 | 25.4 | 28.6 | 23.8 | 27.2 |
| Potassium | MG/KG | 43000 | 1,730 | 2,870 | 3,300 | 1,780 | 3,690 |
| Selenium | MG/KG | 3.9 | 0.87 | 0.92 | 0.48 U | 0.48 ∪ | 0.96 |
| Silver | MG/KG | | 0.15 U | 0.15 U | 0.15 U | 0.15 ∪ | 0.12 |
| Sodium | MG/KG | 8000 | 261 | 312 | 442 | 136 | 235 |
| Thallium | MG/KG | • | 0.66 U | 0.66 ∪ | 0.66 U | 0.66 U | 0.77 |
| √anadium | MG/KG | 300 | 29.1 | 29.2 | 29.7 | 29.1 | 29.2 |
| Zinc | MG/KG | 50 | 57.5 | 52.4 | 57.5 | 91.7 | 60.9 |

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Flags assigned during chemistry validation are shown.

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J - The reported concentration is an estimated value.

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NA - Not Analyzed., 8 - The reported concentration is above the method detection limit but below the quantitation limit.

| Location II |) | | 1-08 | 1-08 | 1-08 | 1-09 | 1-09 |
|--------------------------|-------|-----------|---------------------------------------|---------------------|--------------|---------------------|-----------------------|
| Sample ID | | | I-08 | I-08 Soil | I-08 Sail | i-09 Soii | 1-09 |
| Matrix | | | Soil | | | | Soil |
| Depth Interval (ft) | | | 1.5-2.0 | 4.0-4.5 07/08/05 | 25.0-26.5 | 1.5-2.0 07/08/05 | 15.0-17.0 07/11/05 |
| Date Sampled | | 07/08/05 | 07/08/05 | | | | |
| Parameter | Units | Criteria* | | - | | | |
| Miscellaneous Parameters | | | · · · · · · · · · · · · · · · · · · · | | | | |
| Cyanide | UG/KG | - | NA | NA | NA | NA | NA |
| Diesel Range Organics | MG/KG | - | 1.5 U | 1.5 U | 1.5 U | 1.5 U | 1.5 U |
| Gasoline Range Organics | MG/KG | - | 0.050 U | 0.050 U | 0.050 U | 0.050 U | 0.050 U |
| H | S.U. | - | NA | 8.26 | 8.31 | 8.44 | 8.49 |

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Flags assigned during chemistry validation are shown.

U - Not detected above the reported quantitation limit. D - Result reported from a secondary dilution analysis.

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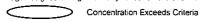
UJ - Not detected. The reported quantitation limit is an estimated value.

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| | | | 1.40 | 1 114 | | |
|--|-------|-----------|----------|----------|----------|-----------|
| Location ID | | | I-10 | I-10 | 1-11 | I-11 |
| Sample ID | | | I-10 | 1-10 | I-11 | i-11 |
| Matrix | | | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | | 2.0-2.5 | 8.5-10.5 | 0.4-0.7 | 25.0-27.0 |
| Date Sampled | | | 07/08/05 | 07/11/05 | 07/11/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | |
| Volatile Organic Compounds | | | | | | |
| 1,1,2,2-Tetrachioroethane | UG/KG | 600 | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane | UG/KG | 6000 | 1 U | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | UG/KG | - | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,1-Dichloroethane | UG/KG | 200 | 1 U | 1 U | 1 U | 1 U |
| 1,1-Dichloroethene | UG/KG | 400 | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 1,2,4-Trichlorobenzene | UG/KG | 3400 | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,2,4-Trimethylbenzene | UG/KG | 10000 | 0.7 U | 0.7 U | 0.7 U | 0.7 ป |
| 1,2-Dibromo-3-chloropropane | UG/KG | • | 1 U | iυ | 1 U | 1 U |
| 1,2-Dibromoethane (Ethylene dibromide) | UG/KG | - | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| 1,2-Dichlorobenzene | UG/KG | 7900 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U |
| 1,2-Dichloroethane | UG/KG | 100 | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| 1,2-Dichloroethene (cis) | UG/KG | - | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloroethene (trans) | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | UG/KG | - | 0.9 U | 0.9 U | 0.9 ∪ | 0.9 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | UG/KG | 3300 | 0.6 U | 0.6 บ | 0.6 U | 0.6 U |
| 1,3-Dichlarobenzene | UG/KG | 1600 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 U |
| 1,3-Dichloropropene (cis) | UG/KG | - | 0.8 U | 0.8 U | 0.8 ∪ | 0.8 U |
| 1,3-Dichloropropene (trans) | UG/KG | • | 1 U | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | UG/KG | 8500 | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| 2-Hexanone | UG/KG | - | 5 U | 5 U | 5 U | 5 U |
| 4-Methyl-2-pentanone | UG/KG | 1000 | 4 U | 4 Ü | 4 U | 4 U |
| Acetone | UG/KG | 200 | 45 | 7 | 10 | 6 |

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Flags assigned during chemistry validation are shown.



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UJ - Not detected. The reported quantitation limit is an estimated value.

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| Location ID | | | <u>l-10</u> | l-10 | I-11 | I-11 |
|----------------------------------|-------|-----------|-------------|----------|----------|-----------|
| Sample ID | | | I-10 | 1-10 | 1-11 | I-11 |
| Matrix | | | Soil | Soil | Soil | Soil |
| Depth Interval | (ft) | | 2.0-2.5 | 8.5-10.5 | 0.4-0.7 | 25.0-27.0 |
| Date Sample | d | | 07/08/05 | 07/11/05 | 07/11/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | |
| Volatile Organic Compounds | | | | | | |
| Benzene | UG/KG | 60 | 0.8 U | 0.8 U | U 8.0 | 0.8 U |
| Bromodichloromethane | UG/KG | | 0.7 Ų | 0.7 U | 0.7 Ų | 0.7 U |
| Bromoform | UG/KG | • | 1 U | 1 υ | 1 U | 1 U |
| Bromomethane | UG/KG | • | 1 U | 1 U | 1 U | 1 U |
| Carbon disulfide | UG/KG | 2700 | 1 U | 1 U | 1 U | 10 |
| Carbon tetrachforide | UG/KG | 600 | 0.8 ∪ | 0.8 U | 0.8 U | 0.8 U |
| Chlorobenzene | UG/KG | 1700 | 0.6 U | 0.6 U | 0.6 U | 0.6 U |
| Chloroethane | UG/KG | 1900 | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Chloroform | UG/KG | 300 | 1 U | 1 U | 1 U | 1 U |
| Chloromethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 ป | 0.7 ∪ |
| Cyclohexane | UG/KG | - | 0.9 U | 0.9 U | 0.9 ∪ | 0.9 ∪ |
| Dibromochloromethane | UG/KG | - | 0.9 ∪ | 0.9 ∪ | 0.9 U | 0.9 ∪ |
| Dichlorodifluoromethane | UG/KG | - | 2 | 1 U | 1 U | 1 U |
| Ethylbenzene | UG/KG | 5500 | 0.6 U | 0.6 ∪ | 0.6 U | 0.6 ∪ |
| Isopropylbenzene (Cumene) | UG/KG | 2300 | 0.6 U | U 8.0 | 0.6 U | 0.6 Ų |
| Methyl acetate | UG/KG | - | 2 U | 2 ∪ | 2 U | 2 U |
| Methyl ethyl ketone (2-Butanone) | UG/KG | 300 | 9 | 3 U | 3 U | 3 ∪ |
| Methyl tert-butyl ether | UG/KG | - | 0,6 U | 0.6 U | 0.6 U | 0.6 ∪ |
| Methylcyclohexane | UG/KG | • | 0.9 U | 0.9 U | 0.9 U | 0.9 U |
| Methylene chloride | UG/KG | 100 | 6 | 10 | 15 | 9 |
| Naphthalene | UG/KG | 13000 | 2 U | 2 U | 2 U | 2 U |
| n-Butylbenzene | UG/KG | 10000 | 2 U | 2 U | 2 U | 2 U |

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| Location ID | · | | I-10 | I-10 | I-11 | 1-11 |
|--------------------------------|-------|-----------|----------|----------|----------|-----------|
| Sample ID | | | I-10 | 1-10 | I-11 | J-11 |
| Matrix | - | | Soil | Soil | Soil | Soit |
| Depth Interval (| t) | | 2.0-2.5 | 8.5-10.5 | 0.4-0.7 | 25.0-27.0 |
| Date Sampled | -, | | 07/08/05 | 07/11/05 | 07/11/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | |
| Volatile Organic Compounds | | | | | | |
| n-Propylbenzene | UG/KG | 3700 | 0.9 ∪ | 0.9 U | 0.9 U | 0.9 U |
| p-Cymene (p-Isopropyltoluene) | UG/KG | - | 1 U | 1 U | 1 U | 1 U |
| sec-Butylbenzene | UG/KG | 10000 | 1 U | 1 U | 1 U | 1 U |
| Styrene | UG/KG | - | 1 U | 1 U | 1 U | 1 ∪ |
| tert-Butylbenzene | UG/KG | 10000 | 1 Ü | 1 U | 1 U | 1 U |
| Tetrachloroethene | UG/KG | 1400 | 0.8 U | 0.8 U | 0.8 U | 0.8 U |
| Toluene | UG/KG | 1500 | 2 U | 2 U | 4 | 2 |
| Trichloroethane | UG/KG | - | 0.7 U | 0.7 U | 0.7 U | 0.7 U |
| Trichloroethene | UG/KG | 700 | 0.6 ∪ | 0.6 U | 0.6 U | 0.6 U |
| Trichlorofluoromethane | UG/KG | - | 0.9 ∪ | 0.9 U | 0.9 Ü | 0.9 U |
| Vinyl chloride | UG/KG | 200 | 0.8 U | 0.8 U | 0.8 U | 0.8 ∪ |
| Xylene (total) | UG/KG | 1200 | 3 U | 3 U | 3 U | 3 U |
| Semivolatile Organic Compounds | | | | | | |
| 1,1'-Biphenyl | UG/KG | | 50 U | 50 U | 50 U | 50 U |
| 2,2'-oxybis(2-Chloropropane) | UG/KG | - | 14 U | 14 U | 14 U | 14 U |
| 2,4,5-Trichiorophenol | UG/KG | 100 | 14 U | 14 U | 14 U | 14 U |
| 2,4,6-Trichlorophenol | UG/KG | - | 13 U | 13 U | 13 U | 13 U |
| 2,4-Dichlorophenol | UG/KG | 400 | 15 U | 15 U | 15 Ų | 15 U |
| 2,4-Dimethylphenol | UG/KG | - | 33 U | 33 U | 33 U | 33 U |
| 2,4-Dinitrophenol | UG/KG | 200 | 120 U | 120 U | 120 U | 120 U |
| 2,4-Dinitrototuene | UG/KG | - | 33 U | 33 U | 33 U | 33 U |
| 2,6-Dinitrotoluene | UG/KG | 1000 | 66 U | 66 U | 66 U | 66 U |

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| Location ID | | | 1-10 | I-10 | I-11 | I-11 |
|--------------------------------|-------|-----------|--------------|----------|----------|--------------|
| Sample ID | | | I-10 | I-10 | J-11 | I-11 |
| Matrix | | | Soil | Soil | Soil | Soil |
| Depth Interval (| ft) | | 2.0-2.5 | 8.5-10.5 | 0.4-0.7 | 25.0-27.0 |
| Date Sampled | | | 07/08/05 | 07/11/05 | 07/11/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | - |
| Semivolatile Organic Compounds | | | | | - | |
| 2-Chloronaphthalene | UG/KG | - | 13 U | 13 U | 13 U | 13 U |
| 2-Chlorophenol | UG/KG | 800 | 12 U | 12 U | 12 U | 12 U |
| 2-Methylnaphthalene | UG/KG | 36400 | 14 U | 14 U | 14 U | 14 U |
| 2-Methylphenol (o-cresol) | UG/KG | 100 | 33 U | 33 U | 33 U | 33 U |
| 2-Nitroaniline | UG/KG | 430 | 12 U | 12 U | 12 U | 12 U |
| 2-Nitrophenol | UG/KG | 330 | 66 U | 66 U | 66 U | 66 U |
| 3,3'-Dichlorobenzidine | UG/KG | - | 150 U | 150 ∪ | 150 U | 150 U |
| 3-Nitroaniline | UG/KG | 500 | 1 7 U | 17 U | 17 U | 17 U |
| 4,6-Dinitro-2-methylphenol | UG/KG | - | 66 U | 66 U | 66 U | 66 U |
| 4-Bromophenyi-phenylether | UG/KG | - | 11 U | 11 U | 11 U | 1 1 U |
| 4-Chloro-3-methylphenol | UG/KG | 240 | 12 U | 12 U | 12 U | 12 U |
| 4-Chloroaniline | UG/KG | 220 | 18 U | 18 ∪ | 18 U | 18 U |
| 4-Chlorophenyl-phenylether | UG/KG | - | 12 U | 12 U | 12 U | 12 U |
| 4-Methylphenol (p-cresol) | UG/KG | 900 | 14 U | 14 ∪ | 14 U | 14 U |
| 4-Nitroaniline | UG/KG | - | 66 U | 66 U | 66 U | 66 U |
| 4-Nitrophenol | UG/KG | 100 | 66 U | 66 U | 66 U | 66 U |
| Acenaphthene | UG/KG | 50000 | 22 | 11 U | 11 U | 11 U |
| Acenaphthylene | UG/KG | 41000 | 12 | 10 U | 10 U | 10 U |
| Acetophenone | UG/KG | · | 64 U | 64 U | 64 U | 64 U |
| Anthracene | UG/KG | 50000 | 80 | 9 ∪ | 340 | 9 U |
| Atrazine | UG/KG | - | 36 U | 36 ∪ | 36 U | 36 U |
| Benzaldehyde | UG/KG | • | 70 U | 70 U | 70 U | 70 U |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised), Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

Flags assigned during chemistry validation are shown,

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| Location ID | | | I-10 | I-10 | l-11 | I-11 |
|--------------------------------|-------|-----------|----------|----------|----------|-------------------|
| Sample ID | | | l-10 | I-10 | 1-11 | l-11 |
| Matrix | | | Soil | Soil | Soil | Soil 25.0-27.0 |
| Depth Interval (| ft) | | 2.0-2.5 | 8.5-10.5 | 0.4-0.7 | |
| Date Sampled | | | 07/08/05 | 07/11/05 | 07/11/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | <u> </u> |
| Semivolatile Organic Compounds | | | | | | · · |
| Benzo(a)anthracene | UG/KG | 224 | 280 | 31 | 1,600 | 18 |
| Benzo(a)pyrene | UG/KG | 61 | 250 | 22 | 1,600 | 11 U |
| Benzo(b)fluoranthene | UG/KG | 1100 | 320 | 39 | 2,000 | 25 |
| Benzo(g,h,i)perylene | UG/KG | 50000 | 130 | 20 | 1,200 | 10 U |
| Benzo(k)fluoranthene | UG/KG | 1100 | 100 | 17 U | 700 | 24 |
| bis(2-Chloroethoxy)methane | UG/KG | - | 14 U | 14 Ü | 14 U | 14 U |
| bis(2-Chloroethyl)ether | UG/KG | - | 14 U | 14 U | 14 U | 14 U |
| bis(2-Ethylhexyl)phthalate | UG/KG | 50000 | 140 | 19 U | 19 U | 72 |
| Butylbenzyiphthalate | UG/KG | 50000 | 17 U | 17 U | 17 U | 17 U |
| Caprolactam | UG/KG | - | 91 U | 91 U | 91 U | 91 U |
| Carbazole | UG/KG | - | 56 | 11 U | 160 | 11 U |
| Chrysene | UG/KG | 400 | 270 | 31 | 1,600 | 15 |
| Dibenz(a,h)anthracene | UG/KG | 14 | 40 | 13 U | 290 | 13 U |
| Dibenzofuran | UG/KG | 6200 | 10 U | 10 U | 10 U | 10 U |
| Diethylphthalate | UG/KG | 7100 | 9 ∪ | 9 U | 9 บ | 9 U |
| Dimethylphthalate | UG/KG | 2000 | 10 U | 10 U | 10 U | 10 U |
| Di-n-butylphthalate | UG/KG | 8100 | 11 U | 11 U | 11 U | 11 U |
| Di-n-octylphthalate | υG/KG | 50000 | 31 U | 31 U | 31 U | 31 U |
| Fluoranthene | UG/KG | 50000 | 670 | 79 | 3,300 | 40 |
| Fluorene | UG/KG | 50000 | 23 | 10 U | 10 U | 10 U |
| Hexachlorobenzene | UG/KG | 410 | 11 U | 11 U | 11 U | 11 U |
| Hexachlorobutadiene | UG/KG | | 13 U | 13 U | 13 U | 13 U |

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Flags assigned during chemistry validation are shown.

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J - The reported concentration is an estimated value.

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| Location ID Sample ID Matrix Depth Interval (ft) | | | I-10 | I-10 | I-11 | I-11 |
|--|-------|-----------|-------------------------------------|--------------------------------------|-------------------------|-----------|
| | | | I-10 Soil 2.0-2.5 07/08/05 | 1-10 Soil 8.5-10.5 07/11/05 | I-11 Soil 0.4-0.7 | I-11 |
| | | | | | | Soil |
| | | | | | | 25.0-27.0 |
| Date Sampled | | 07/11/05 | | | 07/11/05 | |
| Parameter | Units | Criteria* | | | | |
| Semivolatile Organic Compounds | | | | | | |
| Hexachlorocyclopentadiene | UG/KG | - | 12 U | 12 Ú | 12 U | 12 U |
| Hexachloroethane | UG/KG | • | 14 U | 14 U | 14 U | 14 U |
| Indeno(1,2,3-cd)pyrene | UG/KG | 3200 | 130 | 16 | 1,100 | 11 U |
| Isophorone | UG/KG | 4400 | 1 3 U | 13 U | 13 U | 13 U |
| Naphthalene | UG/KG | 13000 | 14 U | 14 U | 14 U | 14 U |
| Nitrobenzene | UG/KG | 200 | 12 U | 12 U | 12 U | 12 U |
| N-Nitroso-di-n-propylamine | UG/KG | - | 13 U | 13 ປ | 13 ປ | 13 U |
| N-Nitrosodiphenylamine | UG/KG | - | 29 Ų | 29 U | 29 U | 29 U |
| Pentachlorophenol | UG/KG | 1000 | 50 U | 50 U | 50 U | 50 U |
| Phenanthrene | UG/KG | 50000 | 350 | 54 | 1,400 | 32 |
| Phenol | UG/KG | 30 | 11 U | 11 U | 11 U | 11 U |
| Pyrene | UG/KG | 50000 | 450 | 63 | 2,300 | 32 |
| Polychlorinated Biphenyls | | | | | | |
| Arocior 1016 | UG/KG | 10000 | 0.62 U | 0.62 U | 0.62 U | 0.62 U |
| Aroclor 1221 | UG/KG | 10000 | 2.4 U | 2.4 U | 2.4 U | 2.4 U |
| Aroclor 1232 | UG/KG | 10000 | 5.6 U | 5.6 U | 5.6 ∪ | 5.6 U |
| Aroclor 1242 | UG/KG | 10000 | 1.6 U | 1.6 ∪ | 1.6 ∪ | 1.6 U |
| Aroclor 1248 | UG/KG | 10000 | 0.92 U | 0.92 U | 0.92 U | 0.92 ∪ |
| Aroclor 1254 | UG/KG | 10000 | 2.2 U | 2.2 U | 2.2 U | 2.2 U |
| Aroclor 1260 | UG/KG | 10000 | 1.3 U | 1.3 U | 13 | 1.3 U |
| Metals | | | | | | |
| Aluminum | MG/KG | 33000 | 12,600 | 13,600 | 19,000 | 12,100 |

^{*}Criteria- NYSDEC TAGM: Determination of Soil Cleanup Ojectives and Cleanup Levels; HWR-94-4046 January 24, 1994 (Revised). Recommended cleanup. The maximum value under the column for Eastern USA Background (see Table 4 of TAGM 4046) is used as site background.

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| Location ID Sample ID Matrix Depth Interval (ft) Date Sampled | | | 1-10 | I-10 | I-11 | I-11 |
|---|-------|-----------|-----------------------------|------------------|----------|-----------|
| | | | I-10 | 1-10 | I-11 | I-11 |
| | | | Soil 2.0-2.5 07/08/05 | Soil 8.5-10.5 | Soil | Soil |
| | | | | | 0.4-0.7 | 25.0-27.0 |
| | | | | 07/11/05 | 07/11/05 | 07/11/05 |
| Parameter | Units | Criteria* | | | | |
| Metals | | | | | | |
| Antimony | MG/KG | - | 0.69 U | 0.69 U | 0.69 U | 0.69 U |
| Arsenic | MG/KG | 12 | 5.0 | 3.1 | 4.5 | 2.2 |
| Barium | MG/KG | 600 | 80.6 | 100 | 110 | 93.3 |
| Beryllium | MG/KG | 1.75 | 0.82 | 0.70 | 4.2 | 0.62 |
| Cadmium | MG/KG | 1 | 0.89 | 0.38 | 0.04 | 0.33 |
| Calcium | MG/KG | 35000 | 5,490 | 39,100 | 155,000 | 36,900 |
| Chromium | MG/KG | 40 | 16.6 | 18.0 | 11.9 | 16.9 |
| Cobalt | MG/KG | 60 | 11.7 | 9.8 | 10.8 | 9.9 |
| Copper | MG/KG | 50 | 20.9 | 16.7 | 20.8 | 16.8 |
| Iron | MG/KG | 5.50E+05 | 24,000 | 20,600 | 8,030 | 18,700 |
| Lead | MG/KG | 500 | 33.1 | 7.6 | 18.1 | 7.9 |
| Magnesium | MG/KG | 5000 | 4,410 | 10,500 | 26,400 | 11,900 |
| Manganese | MG/KG | 5000 | 2,530 | 358 | 1,490 | 388 |
| Mercury | MG/KG | 0.1 | 0.120 | 0.012 | 0.214 | 0.008 |
| Nickel | MG/KG | 25 | 19.4 | 22.1 | 20.4 | 21.5 |
| Potassium | MG/KG | 43000 | 1,490 | 2,640 | 2,530 | 2,920 |
| Selenium | MG/KG | 3.9 | 1.2 | 1,1 | 2.0 | 1.2 |
| Silver | MG/KG | • | 0.15 | 0.15 U | 0.25 | 0.12 |
| Sodium | MG/KG | 8000 | 162 | 182 | 725 | 200 |
| Thallium | MG/KG | - | 0.66 U | 1.8 | 0.78 | 1.5 |
| Vanedium | MG/KG | 300 | 26.6 | 24.7 | 10.8 | 22.4 |
| Zinc | MG/KG | 50 | 73.8 | 45.5 | 34.0 | 47.1 |

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| Location ID Sample ID Matrix Depth Interval (ft) | | | I-10 | I-10 | 1-11 | I-11 | | | | |
|--|-------|---|-------------------------------------|--------------------------------------|-------------------------------------|---------------------------------------|--------------|-------|-----------|--|
| | | | 1-10 Soil 2.0-2.5 07/08/05 | I-10 Soil 8.5-10.5 07/11/05 | I-11 Soil 0.4-0.7 07/11/05 | I-11 Soil 25.0-27.0 07/11/05 | | | | |
| | | | | | | | Date Sampled | | | |
| | | | | | | | Parameter | Units | Criteria* | |
| Miscellaneous Parameters | | | | | | | | | | |
| Cyanide | UG/KG | · | NA | NA | NA | NA NA | | | | |
| Diesel Range Organics | MG/KG | - | 1.5 U | 1.5 U | 1.5 U | 1.5 U | | | | |
| Gasoline Range Organics | MG/KG | - | 0.050 U | 0.050 U | 0.050 U | 0.050 U | | | | |
| ЭН | S.U. | - | 8.11 | 8.21 | 9.90 | 8.22 | | | | |

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| Location ID | | WASTE1 |
|-------------------------------------|------------|----------|
| Sample ID | INV. WASTE | |
| Matrix | Soil - | |
| Depth Interval (ft) | | |
| Date Sampled | | 07/18/05 |
| Parameter | Units | |
| TCLP Volatile Organic Compounds | | |
| 1,1-Dichloroethene | UG/L | 0.60 U |
| 1,2-Dichloroethane | UG/L | 0,59 U |
| Benzene | UG/L | 0.55 U |
| Carbon tetrachloride | UG/L | 0.51 U |
| Chlorobenzene | UG/L | 0.50 U |
| Chloroform | UG/L | 0.56 U |
| Methyl ethyl ketone (2-Butanone) | UG/L | 3.4 U |
| Tetrachloroethene | UG/L | 0.64 U |
| Trichloroethene | UG/L | 0.54 U |
| Vinyl chloride | UG/L | 0.63 U |
| TCLP Semivolatile Organic Compounds | | |
| 1,4-Dichlorobenzene | UG/L | 2 U |
| 2,4,5-Trichlorophenol | UG/L | 3 U |
| 2,4,6-Trichlorophenal | UG/L | 2 U |
| 2,4-Dinitrotoluene | UG/L | 4 U |
| 2-Methylphenol (o-cresol) | UG/L | 2 U |
| 3-Methylphenol (m-cresol) | UG/L | 3 U |
| 4-Methylphenol (p-cresol) | UG/L | 1 U |
| Hexachlorobenzene | UG/L | 1 U |
| Hexachlorobutadiene | UG/L | 3 U |
| Hexachloroethane | UG/L | 3 U |
| Nitrobenzene | UG/L | 2 U |
| Pentachlorophenol | UG/L | 10 U |
| Pyridine | UG/L | 2 U |

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| Location ID | WASTE1 INV. WASTE | |
|----------------------------------|----------------------|----------|
| Sample ID | | |
| Matrix | Soil | |
| Depth Interval (ft) | - | |
| Date Sampled Parameter | | 07/18/05 |
| rarameter | Units | |
| TCLP Pesticide Organic Compounds | | |
| Endrin | UG/L | 0.027 U |
| gamma-BHC (Lindane) | UG/L | 0.016 U |
| Heptachlor | UG/L | 0.011 U |
| Heptachlor epoxide | UG/L | 0.017 U |
| Methoxychlor | UG/L | 0.034 U |
| Technical Chlordane | UG/L | 0.081 U |
| Toxaphene | ŲG/L | 0.20 U |
| TCLP Herbicides | | |
| 2,4,5-TP (Silvex) | UG/L | 0.11 U |
| 2,4-0 | UG/L | 0.11 U |
| TCLP Metals | | |
| Arsenic | UG/L | 2.9 U |
| Barium | UG/L | 493 |
| Cadmium | UG/L | 0.42 B |
| Chromium | UG/L | 3.9 B |
| _ead | UG/L | 1.4 U |
| Mercury | UG/L | 0.15 U |
| Selenium | UG/L | 5.6 U |
| Silver | UG/L | 0.90 U |
| Miscellaneous Parameters | | |
| 12S Released From Waste | MG/KG | 0 U |
| HCN Released From Waste | MG/KG | ο υ |
| gnitability | POS/NEG | NEG |
| Ph | S.U. | 8.24 |
| | | |

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| Location ID | | WASTE1 |
|-------------------------------------|-------------|-----------|
| Sample ID | INV. WASTE | |
| Matrix | Waste Water | |
| Depth Interval (ft) | - | |
| Date Sampled | | 07/13/05 |
| Parameter | Units | |
| TCLP Volatile Organic Compounds | | |
| 1,1-Dichloroethene | UG/L | 0.00060 ป |
| 1,2-Dichloroethane | UG/L | 0.00059 U |
| Benzene | UG/L | 0.00055 U |
| Carbon tetrachloride | UG/L | 0.00051 U |
| Chlorobenzene | UG/L | 0.00050 U |
| Chloroform | UG/L | 0.00056 U |
| Methyl ethyl ketone (2-Butanone) | UG/L | 0.0034 U |
| Tetrachloroethene | UG/L | 8 |
| Trichloroethene | UG/L | 0.00054 U |
| Vinyl chloride | UG/L | 0.00063 U |
| TCLP Semivolatile Organic Compounds | | |
| 1,4-Dichlorobenzene | UG/L | 0.0024 U |
| 2,4,5-Trichlorophenol | UG/L | 0.0032 U |
| 2,4,6-Trichlorophenol | UG/L | 0.0019 U |
| 2,4-Dinitrotoluene | UG/L | 0.0035 U |
| 2-Methylphenol (o-cresol) | UG/L | 0.0021 U |
| 3-Methylphenol (m-cresol) | UG/L | 0.0042 U |
| 4-Methylphenol (p-cresol) | UG/L | 13 |
| Hexachlorobenzene | UG/L | 0.0011 U |
| Hexachlorobutadiene | UG/L | 0.0035 U |
| Hexachloroethane | UG/L | 0.0035 ∪ |
| Nitrobenzene | UG/L | 0.0023 U |
| Pentachlorophenol | UG/L | 0.0095 ∪ |
| Pyridine | UG/L | 0.0080 U |
| | | |

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| Location ID | | WASTE1 |
|----------------------------------|------------------------|------------|
| Sample ID | INV. WASTE Waste Water | |
| Matrix | | |
| Depth Interval (ft) | | - |
| Date Sampled | | 07/13/05 |
| Parameter | Units | |
| TCLP Pesticide Organic Compounds | | |
| Endrin | UG/L | 1.00E-05 U |
| gamma-BHC (Lindane) | UG/L | 0.32 |
| Heptachlor | UG/L | 1.00E-05 U |
| Heptachlor epoxide | UG/L | 1.00E-05 U |
| Methoxychlor | UG/L | 1.00E-05 U |
| Technical Chlordane | UG/L | 8.00E-05 U |
| Toxaphene | UG/L | 0.00042 U |
| TCLP Herbicides | | |
| 2.4,5-TP (Silvex) | UG/L | 0.00012 U |
| 2,4-D | UG/L | 0.00011 U |
| TCLP Metals | | |
| Arsenic | MG/L | 3.4 U |
| Barium | MG/L | 0.75 |
| Cadmium | MG/L | 0.28 Ų |
| Chromium | MG/L | 0.90 U |
| Lead | MG/L | 1.4 U |
| Mercury | MG/L | 0.15 U |
| Selenium | MG/L | 5.6 U |
| Silver | MG/L | 0.90 U |
| Miscellaneous Parameters | | |
| Flashpoint | POS/NEG | NEG |
| H2S Released From Waste | MG/L | 0 U |
| HCN Released From Waste | MG/L | 0 υ |
| рН | S.U. | 7.54 |

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