REMEDIAL INVESTIGATION / FEASIBILITY STUDY

Foster's Refrigeration Site

119 North 2nd Street
Hudson, New York

ERP# B00184

March 2007

Prepared By:

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ESI File: MH04055.41

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The undersigned has reviewed this Remedial Investigation/Feasibility Study and certifies to The City of Hudson that the information provided in this document is accurate as of the date of issuance by this office.

Any and all questions or comments, including requests for additional information, should be submitted to the undersigned.

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President

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1.0 INTRODUCTION

1.1 Purpose

This Remedial Investigation/Feasibility Study (RI/FS) documents environmental fieldwork performed by Ecosystems Strategies, Inc. (ESI) and Morris Associates on the Foster's Refrigeration Site property, located at 119 North 2nd Street, City of Hudson, Columbia County, New York. Investigative and analytical work was performed to address potential environmental liabilities on the subject property. The specific purpose of this RI/FS is to summarize the work performed by ESI and ESI's subcontractors, and to suggest further remedial options regarding identified on-site conditions.

This RI/FS describes all fieldwork methodologies for the work conducted by this office, includes discussions of the resulting analytical data from collected samples, and provides conclusions and recommendations drawn from the fieldwork and analytical data.

1.2 Site Location and Description

The Foster Refrigeration site is located at 119 North 2nd Street, City of Hudson, Columbia County, New York (see the Site Location Map, Appendix A). This property consists of one, approximately three acre parcel identified in City of Hudson tax records as 109.8-1-17. An abandoned factory building occupies the central portion of the property. A Fieldwork Map indicating specific Site characteristics is provided in Appendix A.

Site Topography and Hydrogeology

A review of the United States Geographic Survey Topographic Map of the Hudson North, New York Quadrangle (dated 1953, photo revised 1980) indicates that the surrounding area has a surface elevation of approximately ten feet above mean sea level and slopes gently westwards. Observations made during fieldwork indicate that the Site is relatively flat. The topographic map indicates that the Foster's Refrigeration building was not present on the site in 1953, but had been built by the time of the 1980 photo revision.

During the course of the fieldwork documented in this RI/FS, groundwater was noted to be present on the Site at depths of approximately 4 feet below surface grade. A review of the Topographic map indicates that shallow groundwater flow in the vicinity of the subject property is likely to be toward the west.

Geology

The subject property is located in the Hudson-Mohawk geological area and consists of deep, dissected lacustrine sediments above folded bedrock consisting of either Walloomsac Slate or Normanskill Shale. Site observations indicate that fill soils are present on substantial portions of the northern and western portions of the property.

1.3 Environmental Conditions of Concern

Provided below is a summary of the history of the Site and the Environmental Conditions of Concern.

The Foster Refrigeration property was used for the manufacture of refrigerators between 1946 and 1994. The Site is occupied by a 62,652 square foot single-story, vacant, industrial structure with metal siding and concrete floors. Debris is present throughout the building. Surrounding the on-site structure is an area of undeveloped land comprised of woods, fields and wetland areas.

The USEPA performed drum removal and limited associated remedial actions at the site during a short-term federal Superfund cleanup action during the second half of 1999. The files regarding these actions held at the USEPA Region 2 Offices in Edison, New Jersey were reviewed by personnel from this office. The file review and a subsequent discussion with the USEPA project manager (Ms. Arlene Anderson) established that the USEPA's actions had concentrated on: a geophysical survey of two areas where it was reported that drums may have been buried; drum removal; underground storage tank (UST) and aboveground storage tank (AST) closure; excavation and removal of drums buried on the northern portion of the site immediately north of the on-site structure; and, confirmatory sampling from the area of drum removal.

In a letter dated April 14, 2000 from Bruce Sprague of the USEPA to Richard Koelling of the NYSDEC, the USEPA stated that a "Removal Action" at the Foster Refrigeration site had been completed. Regarding the laboratory analysis results for the soil samples described above, the letter states: "The levels of contaminants found in these samples do not warrant further removal action under CERCLA."

The majority of the USEPA sampling at the site was performed to characterize the contents of the drums prior to disposal. However, nine post-excavation soil samples were collected immediately north of the on-site structure from an area where buried drums had been excavated (the locations of the individual samples were not recorded by the USEPA). Records indicate that approximately 20 cubic yards of soil was removed from this location. The post-excavation samples were analyzed for Target Analyte List Metals (TAL Metals, USEPA Methods 6010 and 7471), Semi-Volatile Organic Compounds (SVOCs, USEPA Method 8270), and Volatile Organic Compounds (VOCs, USEPA Method 8260).

Metals

Laboratory analysis of the post-excavation samples collected by the USEPA indicated the presence of metals contaminated soil in the area immediately north of the on-site structure. Concentrations of zinc, mercury, and chromium well above established NYSDEC guidance levels were detected in all samples. Lead was also documented above the NYSDEC guidance level (400,000 ug/Kg) in all but one sample. There were sporadic exceedances of nickel, magnesium, calcium, cadmium, barium, arsenic, and aluminum.

Semi-Volatile Organic Compounds (SVOCs)

Of the nine samples submitted for analysis, sporadic exceedances of NYSDEC guidance levels were detected in five of the samples. No SVOCs were detected in three of the samples.

Volatile Organic Compounds (VOCs)

Very low levels of five VOCs, below NYSDEC guidance levels, were detected in three of the nine samples.

These results indicated that metals and SVOC contaminated soil remained on the site immediately north of the on-site structure in the area where the USEPA excavated and removed buried drums. No other soil or groundwater data for the site was available. No other soil or groundwater investigations were performed by the USEPA.

USTs

USEPA records indicated that two "petroleum" USTs were found on the site and these were vacuum pumped, triple-washed and filled with sand. Sketch maps indicated the location of one of these USTs at the southern end of the building. The Maps did not indicate the location of the second UST; however, when queried about the location of the second UST, Arlene Anderson indicated that it was present to the east of the eastern side of the on-site structure. There was no indication that any testing was performed to determine the integrity of the USTs prior to closure. On the basis of a review of available information, ambiguity remained regarding the location, size, number and integrity of the tank(s) prior to closure.

Copies of selected documents obtained during the USEPA File Review are provided in Appendix E.

1.4 Objectives

The objectives of the work conducted by ESI were as follows:

- To develop and submit a Remedial Investigation Workplan (RIWP) to the NYSDEC and gain approval for the RIWP.
- The RIWP was implemented and a Supplemental Workplan developed and approved by the NYSDEC and implemented.
- To identify potential environmental concerns associated with the past use of the subject property for industrial purposes;
- To identify potential environmental concerns associated with the past presence of at least one former UST;
- To document the presence or absence of petroleum and/or chemical contaminants in subsurface soils, and if applicable, groundwater; and,
- To suggest, if appropriate, further investigative and/or remedial options regarding identified subsurface or surface contamination.

2.0 SUBSURFACE INVESTIGATION

2.1 Summary of Services

In order to achieve the objectives specified in Section 1.5, above, the following services were conducted by ESI and Morris Associates:

- Coordinated and supervised the extension of 15 interior and 11 exterior soil borings;
- Coordinated and supervised the extension of 13 exterior test pits;
- Coordinated and supervised the installation of five 5 groundwater monitoring wells;
- Documented the on-site presence or absence of contamination through sampling and laboratory analysis of subsurface soil samples for volatile organic compounds VOCs, semi-volatile organic compounds, PCBs, Pesticides and TAL metals.

The fieldwork described above was performed in order to provide a general screening of the property to identify and delineate any impacts with past industrial uses, and to identify any impacts associated with former USTs located to the south of the on-site structure.

This Report is divided into individual sections that document fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present ESI's conclusions and recommendations (Section 3.0)

2.2 Fieldwork Methodology

2.2.1 Site Preparation Services

Prior to the initiation of fieldwork, a request for a complete utility markout of the subject property was submitted by ESI as required by New York State Department of Labor regulations. Confirmation of underground utility locations was secured and a field check of the utility markout was conducted prior to the extension of soil borings and test pits.

2.2.2 Extension of Soil Borings and Test Pits

ESI and NYSDEC personnel supervised the extension of eleven mechanical soil borings on the Site inside the on-site structure and thirteen test pits on May 19 and 24, 2006. An additional four interior mechanical soil borings and an additional eleven exterior soil borings were extended on the site on August 28, 2006. A Fieldwork Map indicating boring and test pit locations and associated selected site features is provided in Appendix A.

Soil borings and test pits extended on May 19 and 24, 2006 were extended by Aztech Environmental, Inc. under supervision of ESI and NYSDEC personnel. Soil borings extended on August 28, 2006 were extended by Todd Syska, Inc. under supervision of ESI and NYSDEC personnel. Soil borings were extended using a direct-push sampling spoon and disposable acetate sleeves (used to prevent the cross contamination of soil samples). Sampling was conducted at each boring location at four-foot intervals to a maximum depth of 12 feet below grade or until refusal was reached. The sampling spoon was decontaminated prior to the initiation of fieldwork and after the collection of each sample. Decontamination consisted of a soapy water wash, followed by methanol rinse, water rinse, nitric acid rinse, soapy water rinse and a clean water rinse. Test pits were extended using a small tracked excavator. The bucket of the excavator was washed with soapy water between test pits.

A MiniRAE 2000 (Model PGM 7600) photo-ionization detector (PID) was utilized by ESI personnel to screen all encountered material for the presence of any volatile organic vapors where appropriate. Prior to the initiation of fieldwork, this PID was properly calibrated to read parts per million calibration gas equivalents (ppm-cge) of isobutylene in accordance with protocols set forth by the equipment manufacturer.

An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., unusual coloration patterns, or odors), and instrument indications of contamination (i.e., PID readings) was made by ESI personnel during the extension of each soil boring. ESI personnel maintained independent field logs documenting physical characteristics, PID readings, and any field indications of contamination for all encountered material at each boring location. Relevant information from ESI logs for each boring and test pit location is summarized in Field Observations Table and Boring logs, Appendix D.

Samples of soil material were collected from each of the soil borings and test pits where appropriate (see Section 2.2.4 for specifics regarding sample collection methodology) and notations were made regarding the sampled material's physical characteristics. A sufficient volume of material was collected at each sample location for the required analyses and for potential additional analyses.

Subsurface soils encountered at the Site during fieldwork consisted of heavy, gray silty clay in the eastern portion of the site. In the northern portions of the site the same material was found beneath a layer of ash, and fill material consisting of sand and construction debris was encountered beneath the building. Groundwater was encountered at approximately 4' throughout the site.

2.2.3 Monitoring Well Installation

The installation of five on-site groundwater-monitoring wells (MW-1 through MW-5) was performed by Aztech Environmental personnel on May 18, 2006. MW-1 is located south of the onsite structure, MW-2 is to the east and MW-3, MW-4, and MW-5 are to the north of the on-site structure. These five sampling points were selected by ESI and NYSDEC personnel and were based on the prior estimate that groundwater flows in a westerly direction.

Each well is constructed of two-inch PVC casing and 0.01-inch slotted PVC well screening. All the wells were completed as "drive-over" wells with locked metal covers. The annular spaces between well screens and boreholes were backfilled with clean #1 silica sand and a one-foot thick bentonite seal was poured above the sand. Remaining annular spaces were then grouted with cement.

The location of all wells is provided on the Fieldwork Map, Appendix A.

2.2.3.1 Monitoring Well Development

Monitoring wells were developed on June 5, 2006. Development was performed in order to clear fine-grained material that might have settled around the well screen and to enhance the natural hydraulic connection between the well screen and the surrounding soils. Prior to development, each monitoring well casing was opened and the well column immediately screened with a PID to document the presence of any volatile organic vapors. Water removed from each monitoring well was visually inspected for indications of petroleum contamination.

The volume of groundwater in each well was measured before its development and at least one purge volume (three times the static well volume) was calculated and purged before groundwater samples were collected. Development was considered complete when all parameters (turbidity, conductivity, pH and temperature) stabilized.

2.2.3.2 Groundwater Elevation and Flow

Mean Groundwater Elevations

The locations of all wells were surveyed to a horizontal and vertical accuracy of 0.01 foot. An artificial benchmark elevation of 100' was secured on the Site and all measurements were defined from that datum.

The direction of groundwater flow was determined based on elevations of static groundwater, measured prior to water quality sample collection. Measurements were collected with an electronic depth meter accurate to the nearest 0.01-foot. Groundwater was reached on the site between approximately 1.5' (recorded at MW-1) and 3.6' (recorded at MW-5) below surface grade and the direction of groundwater flow was determined to be in a northwesterly direction.

Table 1: Groundwater Elevation

	Monitoring Well ID									
	MW-1		MW-2		MW-3		MW-4		MW-5	
	June	Nov	June	Nov	June	Nov	June	Nov	June	Nov
Total Depth of well	13.15'		11.94'		11.30'		12.53'		12.38'	
Depth to water from top of PVC casing	1.53'	1.45'	3.40'	3.29'	2.05'	1.93'	2.84'	2.72'	3.64'	3.56'
Depth to water from artificial 100' bench mark	93.72'	93.80'	90.84'	90.95'	90.19'	90.31'	90.70'	90.82'	89.76'	89.88'

2.2.4 Sample Collection

All material samples were obtained in a manner consistent with NYSDEC sample collection and decontamination protocols. Soil samples were collected using dedicated gloves, which were used at each sample location to place the material into laboratory supplied glassware.

All sample containers were placed in a cooler immediately after sample collection and were maintained at cold temperatures prior to transport to the laboratory. The soil samples were transported on the following day via courier to York Analytical Laboratories, Inc., a New York State Department of Health-certified laboratory (ELAP Certification Number 10854) or Chemtech, Inc. a New York State Department of Health-certified laboratory (ELAP Certification Number 11376) for chemical analyses. Appropriate chain-of-custody procedures were followed.

2.3 Laboratory Analysis

2.3.1 Terminology

Guidance Levels

The term "guidance level," as defined in this RI/FS, refers to the concentration of a particular contaminant above which remedial actions are considered more likely. The overall objective of setting guidance levels is to assess the integrity of on-site media relative to conditions which are likely to present a threat to public health or the environment, given the existing and probable future uses of the site. On-site media with contaminant levels exceeding these guidance levels are considered more likely to warrant remediation. No independent risk assessment was performed as part of this investigation.

The guidance levels identified in this RI/FS for petroleum hydrocarbons, metals and PCBs in soils are based on "Brownfields Cleanup Guidance Levels" contained in the NYSDEC's 6NYCRR Part 375 Brownfields Regulations. 6NYCRR Part 375 Brownfields Regulations include Tables 375-3.8 (a) and 375-3.8 (b), which provide Soil Cleanup Objectives (SCOs) for Track "2" Restricted Use Commercial Sites. All data presented in this RI/FS have been analyzed in accordance with applicable Track "2" SCOS for Restricted Use Commercial Sites and all detected compounds with their respective guidance levels are provided in the data summary tables. Guidance levels for all compounds detected in water are based on NYSDEC Division of Water Technical and Operational Guidance Series (1.1.1), Ambient Water Quality Standards And Guidance Values And Groundwater Effluent Limitations, June 1998 (TOGS 1.1.1).

Background Levels

The term "background level", as defined in this RI/FS, is the concentration of a particular metal which is likely to naturally occur in surrounding area soils. The overall objective of setting background levels for metals is to assess the concentrations of metals in on-site soils relative to those that are naturally occurring; on-site soils with metal concentrations exceeding these background levels are considered more likely to have been affected by anthropogenic contributions.

The background levels for metals provided in this RI/FS are based on the NYSDEC's Background Levels of Heavy Metals in Soils of the Lower Hudson Valley (Preliminary Summary of Results), dated July 1, 2003 and on data reported in TAGM 4046.

2.3.2 Sample Submission

Submission of samples for laboratory analysis was based on NYSDEC direction and observations made by ESI and NYSDEC personnel during the extension of the soil borings, test pits, and the installation of monitoring wells. Decisions regarding sample submission were based on factors including the presence or absence of elevated PID readings, unusual odors, discoloration, or, any other unusual patterns. A sufficient number of samples were submitted for analysis to provide a general screening of the property and identify any impacts to the subsurface associated with former underground storage tanks (USTs).

Samples submitted for analysis are listed below. The samples from the Building Interior and Exterior are listed separately.

Building Interior

VOCs	B-2 (1'-2'), B-7 (0-4'), B-7 (4'-8'), B-8 (4'-8'), B-10 (4'-6')
SVOCs	B-2 (1'-2'), B-7 (0-4'), B-7 (4'-8'), B-8 (4'-8'), B-10 (4'-6')
PAHs Only	None
TAL Metals	B-1(0-4'), B-1 (4'-8'), B-1 (8'-12'), B-2 (1'-2'), B2 (2'-4'), B-2 (4'-8'), B-3 (0-3'), B-4 (0-2'), B-5 (0-4'), B-5 (4-5'), B-6 (0-4'), B-6 (4'-8'), B-7 (0-4'), B-7 (4'-8'), B-8 (4'-8'), B-9 (0-4'), B-9 (4'-8'), B-10 (4'-6'), B-11 (0-4'), and B-11 (4'-8')
Lead	None
TCLP Lead	None
PCBs	B-2 (1'-2'), B-7 (0-4'), B-7 (4'-8'), B-8 (4'-8'), B-10 (4'-6'), B8-A (0-4'), B8-A (4'-8'), B8-A (8'-12'), B8-B (0-4'), B8-B (4-8'), B8-B (8'-12'), B8-C (0-4'), B-8C (4'-8'), B8-C (8'-12'), B8-D (0-4'), B8-D (4-8'), B8-D (8'-12')
Pesticides	B-2 (1'-2'), B-7 (0-4'), B-7 (4'-8'), B-8 (4'-8'), B-10 (4'-6')

Building Exterior

VOCs	TP-1 (0-4"), TP-4 (5.5'), TP-7 (1.5'), TP-12 (1') MW-1, MW-2, MW-3, MW-4, MW-5
SVOCs	TP-1 (0-4"), TP-4 (5.5'), TP-7 (1.5'), TP-12 (1')
PAHs Only	MW-1, MW-2, MW-3, MW-4, MW-5
TAL Metals	TP-1 (0-4"), TP-2 (4'-5'), TP-3 (6'), TP-4 (5.5'), TP-5 (5.5'), TP-6 (6'), TP-7 (1.5'), TP-8 (5'), TP-9 (2'6"), TP-9 (1.5'), TP-10 (2'), TP-11 (0-6"), TP-12 (1") and TP-13 (3') MW-1, MW-2, MW-3, MW-4, MW-5
Lead	MW-1 (0-4"), MW-1 (20"-24"), MW-1 (4'-6'), MW-1 (8'-12'), MW-2 (2"-6"), MW-2 (4'-5'), MW-3 (3'-4'), MW-3 (6'-8'), MW-4 (2"-8"), MW-4 (4'-6'), MW-5 (6"-24"), MW-5 (4'-8'), B-15 (0-4'), B-15 (4'-8'), B-16 (0-4'), B-16 (4'-8'), B-17 (0-4'), B-17 (4'-8'), B-18 (0-4'), B-18 (4'-8'), B-19 (0-4'), B-19 (8'-10'), B-20 (0-4'), B-20 (4'-8'), B-21 (0-4'), B-21 (4'-8'), B-22 (0-4'), B-22 (4'-8'), B-23 (0-4'), B-23 (4'-8')
TCLP Lead	TP-4 (5.5'), TP-7 (1.5'), and TP-9 (1.5')
PCBs	TP-1 (0-4"), TP-4 (5.5'), TP-7 (1.5'), TP-12 (1')
Pesticides	TP-1 (0-4"), TP-4 (5.5'), TP-7 (1.5'), TP-12 (1')

2.3.3 Laboratory Results and Discussion of Findings

A summary of the results of the laboratory analyses conducted on all samples is presented below (Data Summary Tables are presented in Appendix B and complete copies of Laboratory Reports are included as Appendix C). Recommendations regarding these findings are located in Section 3.0 of this RI/FS, Conclusions and Recommendations.

Laboratory Results

Building Interior

VOCs

Low levels of three VOCs were detected in sample B-2 (1'-2') including total xylenes at 0.15 mg/Kg (guidance level 500 mg/Kg) and toluene at 0.082 mg/Kg (guidance level 500 mg/Kg).

SVOCs

No SVOCs were detected above minimum detection limits in the samples submitted for analysis.

TAL Metals

Metals including arsenic, copper, barium, and lead were detected at concentrations above guidance levels in three samples including B-4 (0-2'), B-8 (0-4'), and B-9 (0-4'). Sample B-4 (0-2') contained barium at 549 mg/Kg (guidance level 400 mg/Kg), copper at 2,590 mg/Kg (guidance level 270 mg/Kg), and lead at 2,330 mg/Kg (guidance level 1,000 mg/Kg). Sample B-8 (0-4') contained arsenic at 16.6 mg/Kg (guidance level 16 mg/Kg), and barium at 466 mg/Kg (400 mg/Kg). Sample B-9 (0-4') contained barium at 540 mg/Kg and lead at 1,030 mg/Kg.

PCBs

PCB 1254 was detected in sample B-8 (4'-8') at a concentration of 21.6 mg/Kg (guidance level 1 mg/Kg). Subsequent borings (B8-A, B8-B, B8-C, and B8-D) extended to a depth of 12' below surface grade around B-8 found PCB 1254 in samples B8-A (0-4'), B8-C (0-4') and B8-C (8'-12') at concentrations of 0.28 mg/Kg, 3.1 mg/Kg, and 1.9 mg/Kg respectively.

Pesticides

No pesticides were detected at concentrations above laboratory minimum detection limits in the samples submitted for analysis.

Building Exterior

VOCs

No VOCs were detected above laboratory minimum detection limits in the samples submitted for analysis.

SVOCs

Nine SVOCs, all at concentrations below their respective guidance levels, were detected in TP-1 (0-4"). No other SVOCs were detected above laboratory minimum detection limits in the sample.

Low levels of eight SVOCs, all at concentrations below their respective guidance levels, were detected in TP-4 (5.5') and TP-12 (1'). No other SVOCs were detected above laboratory minimum detection limits in these samples.

Seven compounds were identified below laboratory minimum detection limits in sample TP-7 (1.5') and the laboratory provided estimated concentrations. No other SVOCs were found at concentrations above minimum detection limits in sample TP-7 (1.5').

TAL Metals

Concentrations of lead above 1,000 mg/Kg were detected in TP-4 (5.5'), TP-5 (5.5'), TP-7 (1.5'), TP-8 (5'), TP-9 (2'6"), TP-9 (1.5'), TP-11 (0-6"), TP-12 (1") and TP-13 (3'). A peak concentration of lead was detected at 12,900 mg/Kg in sample TP-9 (1.5') and the second most elevated concentration of 2,600 mg/Kg was found in sample TP-7 (1.5') (see addition discussion in "*Total Lead Only*", below)

Arsenic and/or barium were detected above guidance levels in nine samples.

Total Lead Only

Lead was detected at a concentration in excess of the guidance level of 1,000 mg/Kg in seven samples. The highest concentration of lead was detected in sample B-13 (0-4') at 10,900 mg/Kg and the second highest was detected in sample B-18 (4'-8') at a concentration of 10,800 mg/Kg. Other concentrations of lead remaining above 1,000 mg/Kg were detected in B-12 (0-4') at 1,450 mg/Kg; in B-20 (4'-8') at 1,300 mg/Kg; in B-21 (0-4') at 2,030 mg/Kg; in B-21 (4'-8') at 1,100 mg/Kg; and, B-22 at 1,010 mg/Kg.

TCLP Lead

Leachable concentrations of lead were detected in all three samples submitted for analysis. TP-4 (5.5') contained a low concentration of leachable lead at 0.55 mg/L; TP-7 (1.5') and TP-9 (1.5'), however, contained hazardous (above 5 mg/L) concentrations of leachable lead at 19.6 mg/L and 7.5 ug/L respectively.

PCBs

A very low concentration of PCB 1254 was detected at a concentration of 20 ug/Kg in sample TP-5 (5.5'). No other PCBs were detected above laboratory minimum detection limits.

Pesticides

No pesticides were detected at concentrations above laboratory minimum detection limits.

Monitoring Wells

Monitoring wells were sampled in June and November 2006. In the June sampling round samples were analyzed for PAHs, VOCs and total TAL Metals. In the November sampling round the samples were analyzed for total and dissolved TAL Metals.

PAHs & VOCs

No PAHs or VOCs were detected above laboratory minimum detection limits in any of the samples.

TAL Metals

June 2006 Sampling Event

In the June 2006 sampling round a total concentration of lead was detected at a concentration of 56 ug/L (guidance level 25 ug/L) in MW-3 and at concentrations below guidance levels at MW-2 (10.7 ug/L), MW-4 (7.3 ug/L), and MW-5 (6 ug/L).

Iron, manganese, and sodium were detected at concentrations above groundwater protection standards in all samples. Peak concentrations of iron at 47,300 ug/L (guidance level 300 ug/L); manganese at 2,310 (guidance level 300 ug/L); and, sodium 30,400 ug/L (guidance level 20,000 ug/L) were detected in MW-4. Aluminum was detected at concentrations above groundwater protection standards in all samples with the exception of MW-1. Low level concentrations of the following metals were also detected: barium, calcium, chromium, copper, magnesium, nickel, potassium, and zinc.

November 2006 Sampling Event

In the November sampling round no lead was detected in any of the samples. In other respects there were no significant differences in the concentrations of detected compounds in the total TAL Metals samples. As was the case in the June sample round, iron, manganese, and sodium were detected at concentrations above groundwater protection standards in all samples. The same compounds were detected at lower concentrations, but still above guidance levels, in the dissolved samples.

Discussion of Findings

Building Interior

Laboratory results indicate that, in general, the subsurface of the subject property beneath the on-site structure is free from significant contamination. Two small areas do, however, contain contaminants at concentrations which, if more widespread, would warrant remedial action.

In the northwest portion of the on-site structure PCB 1254 was detected in sample B-8 (4'-8') at a concentration of 21,600 ug/Kg, however, subsequent borings B8-A, B8-B, B-8C, and B8-D which were extended in the immediate vicinity of B-8 did not contain significant concentrations of PCBs.

In the southwest portion of the building at boring location B-4 the (0-2') sample contained somewhat elevated concentrations of several metals including lead at lead at 2,330 mg/Kg.

Building Exterior

Laboratory analysis of soil samples collected from test pits, borings, and during the installation of monitoring wells indicate the presence of three discrete areas in the northern portion of the property where lead is present in soils at concentrations warranting remedial action. During fieldwork in the northern portion of the property a layer of ash was noted, extending at some locations from the surface to a depth of 8' below surface grade. Elevated metals concentrations are known to be associated with ash, however, at this site not all samples containing ash contained elevated metals concentrations. These results indicate that the criteria for remedial

work performed to address elevated metals concentrations will be based on laboratory analysis of soil samples rather than field evidence of ash.

In the northwest corner of the property in the vicinity of sample locations TP-11, B-12 and B-13 lead was documented at peak concentrations between 1,450 mg/Kg at B-12 (0-4') and 10,900 mg/Kg at B-13 (0-4'), and 2,460 mg/Kg at TP-11 (0-6"). These results indicate that remediation of soils in the vicinity will be required. The volume of material in this location requiring treatment is likely to be approximately 330 cubic yards.

Lead was documented at 12,900 mg/Kg in the central northern portion of the property at the location of TP-9 and leachable lead at a concentration of 7.5 ug/L was found in sample TP-9 (1.5'). These results indicate that remediation of soils in the vicinity will be required. The volume of material in this location requiring treatment is likely to be approximately 190 cubic yards.

Total lead was documented at concentrations between 1,010 mg/Kg at B-22 (0-4') and B-18 (4'-8') at a concentration of 10,800 mg/Kg in the northeastern portion of the property in the vicinity of sample locations TP-7, TP-8, B-18, B-20, B-21, and B-22. These results indicate that remediation of soils in the vicinity will be required. The volume of material in this location requiring treatment is likely to be approximately 1,500 cubic yards.

Monitoring Wells

The absence of petroleum compounds in water samples supplements data from soil samples and confirms the absence of impacts to the subject property from on- and off-site sources including known and suspected on-site USTs. The presence of iron, manganese, and sodium at concentrations above guidance levels are likely associated with storm water runoff onto the subject property that had been impacted by road salting and are therefore do not represent an on-site source of these contaminants.

2.3.4 Qualitative Human Health Exposure Assessment

This section describes the types of human exposures that may present added health risks to persons at or around the site. An exposure pathway describes the means by which an individual may be exposed to contaminants originating from a site. An exposure pathway has five elements: [1] a contaminant source, [2] contaminant release and transport mechanisms, [3] a point of exposure, [4] a route of exposure, and [5] a receptor population.

The source of contamination is the location where contaminants were released to the environment (any waste disposal area or point of discharge). Contaminant release and transport mechanisms carry contaminants from the source to a point where people may be exposed. The exposure point is a location where actual or potential human contact with a contaminated medium may occur. The route of exposure is the manner in which a contaminant actually enters or contacts the body (e.g., ingestion, inhalation, or direct contact). The receptor population is the people who are, or may be, exposed to contaminants at a point of exposure.

An exposure pathway is complete when all five elements of an exposure pathway exist. An exposure pathway is considered a potential pathway when one or more of the elements currently does not exist, but could in the future.

The source of contaminant release is associated with a volume of ash extending across the northwestern portions of the site from the surface to approximately eight feet below surface grade. Not all the ash, however, contains elevated metals concentrations. Contaminant release and transport mechanisms include leaching of soluble metals concentrations from the ash into groundwater and dust from surface soils.

The following are the potential exposure pathways identified for this site:

1. Potential for trespassers and on-site workers to come in contact with elevated lead in soil and elevated metals in ash.
2. Future on-site workers and construction workers involved in sub-surface excavation below the building slab may come in direct contact with lead and PCB contamination in soil.
3. The potential for future exposure to contaminants in on-site and off-site groundwater in unlikely due to the availability of public water supply.

2.3.5 Data Generation and Validation

Data packages have been validated by an independent, third-party, data validator. A copy of the Data Usability Summary Report is presented in Appendix F.

3.0 CONCLUSIONS AND RECOMMENDATIONS

This office has completed the services summarized in Section 2.0 on specified portions of the Foster's Refrigeration Property, located at 119 North 2nd Street, City of Hudson, Columbia County, New York. Services included the extension of 27 soil borings, 13 test pits, and 5 groundwater monitoring wells at various locations throughout the property to document the presence or absence of subsurface soil contamination resulting from the historic usage of the property as a refrigerator manufacturing facility. Sampling locations were scattered to provide a profile of existing Site subsurface and surface soil conditions.

Based on the services provided and data generated, the following conclusions and recommendations (in **bold**) have been made.

1. Soil samples collected from soil borings B-1 through B-11 extended at locations within the on-site structure indicate the absence of widespread impacts to the subsurface. Two areas, one in the vicinity of B-8, and one in the vicinity of B-4, were documented as containing somewhat elevated concentrations of PCBs, and metals respectively. The lateral and vertical extent of these areas of contamination is limited and the concrete floor of the building will remain and function as a cap, isolating contaminants from the surface. No remedial action at the area of metals contamination at B-4 is required, however, the PCB impacted soil in the vicinity of B-8 will require remediation.

   No further investigation is recommended. Remedial action is warranted at this location (see Section 4: Feasibility Study, below).

2. USEPA records of a removal action at the site in 1999 referenced the presence of two closed-in-place USTs located at the southwest side of the building. No sampling to document the integrity of the tanks was performed prior to the closure of these USTs. Borings and test pits extended on southwest portions of the Site, both inside and outside the building, found no field evidence of petroleum contamination. No petroleum compounds were detected in water samples collected from on-site monitoring wells. The absence of petroleum impacts to the subsurface supports the conclusion that no significant releases have occurred from the USTs.

   No further investigation is recommended.

3. Elevated concentrations of iron, manganese, and sodium were detected in all groundwater samples during both sampling rounds. An elevated concentration of lead was found in one groundwater sample during the first sampling round, but no lead was detected above minimum detection limits in any of the samples at the second round of sampling. The presence of sodium may be attributable to run off from upgradient road salting. In addition, on-site soils have been documented to contain elevated concentrations of iron, which may be a source for iron impacts to groundwater. On-site soils have not been documented to contain elevated concentrations of manganese, which may have locally elevated background concentrations. The proposed excavation of lead-impacted soils (see Paragraph 4 below) is anticipated to mitigate the lead in the groundwater and, given that the site has access to the municipal water supply, the elevated metals concentrations in the groundwater are unlikely to impact the utility of the site.

   No further investigation is recommended.

4. Three areas in the northern and western portions of the subject property contain surface and subsurface soils documented as containing elevated concentrations of total weight lead and two locations have been identified as containing leachable lead at hazardous concentrations. This material is therefore likely to qualify as a "Principal Threat Waste" per USEPA guidance presented in "Presumptive Remedy for Metals-in-Soils Sites" (EPA ID: 540-F-98-054). The presence of such material on-site represents a threat to human health and the environment. Field observations made during the collection of samples from much of the northern portion of the site indicated the presence ash-like material, however, not all samples containing such material contained elevated metals concentrations. The criteria for delineating metals-contaminated soil will therefore be chemical analysis, rather than field evidence of the presence of ash. At this time it is estimated that a total of approximately 2,000 cubic yards of material will require treatment.

   Remedial action will be required at these locations (see Section 4: Feasibility Study below).

4.0 FEASIBILITY STUDY

4.1 Remedial Goals and Remedial Action Objectives

Concentrations of total and leachable lead have been documented at three locations in the northern and western portions of the site and one area of PCB-impacted soil is present beneath the building in the vicinity of B-8. These areas of contamination present a potential threat to human health and the environment. The objective of the discussion of remedial alternatives discussed below is to eliminate the potential of such exposure.

4.2 Remedial Alternatives

The volume of PCB-contaminated soil is anticipated to be small (i.e. less than 100 cubic yards). It is anticipated that this material can be excavated and removed from the site as part of the remediation of the areas of metals-contaminated soil.

In evaluating Remedial Alternatives for the Site reference is made to the EPA Document "Presumptive Remedy for Metals-in-Soils Sites" (EPA ID: 540-F-98-054). Presumptive remedies are preferred technologies or response actions for sites with similar characteristics. The use of presumptive remedies streamlines remedy selection for metals-in-soil sites by narrowing the universe of alternatives considered in the Feasibility Study. The presumptive remedies for metals-in-soils waste that is targeted for treatment considered here are reclamation/recovery, immobilization, and excavation and off-site removal.

The following remedial alternatives were considered for evaluation:

Alternative 1: No Action Baseline

The no action alternative is evaluated as a procedural requirement and as a basis for comparison. This alternative will leave the site in its present condition and will not provide any additional protection to human health or the environment.

Alternative 2: Reclamation/Recovery

This presumptive remedy is suitable for sites with high concentrations of valuable or easily volatilized material. Neither of these conditions apply to on-site material that will be subject to remedial action.

Alternative 3: Immobilization

The effectiveness of immobilization treatment is dependent on several factors including waste uniformity. During the extension of test pits field evidence of ash like material containing various other foreign materials including glass, metal fragments, brick and a the remains of an automobile were encountered. The presence of these materials indicate that an immobilizing reagent may not have the ability to mix with waste uniformly and will thus not effectively immobilize the known contaminants. Immobilization is unlikely therefore to be a suitable remedy.

Alternative 4: Excavation and Off-Site Removal

Given the volume and characteristics of on-site material requiring remedial action this presumptive remedy is considered most appropriate.

4.3 Evaluation of Remedial Alternatives

The criteria used to compare the remedial alternatives are defined in the regulation that directs the remediation of inactive hazardous waste sites in New York State (6 NYCRR Part 375). For each criterion, a brief description is provided.

The first two evaluation criteria are called threshold criteria and must be satisfied in order for an alternative to be considered for selection.

1. Protection of Human Health and the Environment

This criterion is an overall evaluation of the health and environmental impacts to assess whether each alternative is protective. It incorporates several of the criteria listed below with an emphasis on achieving the remediation goals described above.

Alternative 1 will not be protective of human health and the environment. Alternatives 2 and 3 will comply with this criterion but to a much lesser degree than Alternative 4 because contaminated soil will remain at the site. Alternatives 2, 3, and 4 will be protective of human health and the environment and will be more effective than other alternatives because the source of contamination will be removed from the site and off-site properties.

2. Compliance with New York State Standards, Criteria, and Guidance (SCGs)

Compliance with SCGs addresses whether a remedy will meet applicable environmental laws, regulations, standards, and guidance.

The major SCGs applicable for this site include groundwater quality standards in 6 NYCRR Part 703, NYSDEC Track 2 "Restricted Use" SCO for Commercial Properties and land disposal regulations.

Alternative 1 will not meet SCGs. Alternative 3 will not meet the SCGs for soil but will prevent exposures by containing the contaminated soil under a cover and will mitigate the further migration of contamination from soil into the groundwater. Alternatives 2 and 4 will have the highest level of compliance with soil SCGs because they include direct removal.

The next five "primary balancing criteria" are used to compare the positive and negative aspects of each of the remedial strategies.

3. Short-term Effectiveness

The potential short-term adverse impacts of the remedial action upon the community, the workers, and the environment during construction and operation are evaluated. The length of time needed to achieve the remedial objectives is also estimated and compared with the other alternatives.

There will be no short-term impacts, under Alternative 1, because there will be no construction activities. Alternative 4 will pose greater short-term impacts compared to Alternatives 2 and 3 because more contaminated soils will be excavated and transported than under Alternatives 2 and 3. A site-specific health and safety plan that will include engineering controls such as air monitoring and dust suppression measures will be implemented to protect the workers and the community.

Alternative 1 will not have any short-term effectiveness. Alternative 4 will require less time to achieve soil cleanup goals compared to Alternatives 2 and 3 since the soils will need treatment under Alternatives 2 and 3.

4. Long-term Effectiveness and Permanence

This criterion evaluates the long-term effectiveness of alternatives after implementation of the response actions. If wastes or treated residuals remain on site after the selected remedy has been implemented, the following items are evaluated: 1) the magnitude of the remaining risks, 2) the adequacy of the controls intended to limit the risk, and 3) the reliability of these controls.

Alternative 1 has no long-term effectiveness because all the contaminated soil will remain on-site and risks will not change. Under Alternatives 3 and 5, long-term effectiveness for soil will be dependent upon maintaining the cover system placed on the consolidated soils. Alternatives 2 and 4 will have greater long-term effectiveness compared to Alternative 3 due to the complete removal of contaminated soil from the site and the better performance of excavation over the treatment system.

5. Reduction of Toxicity, Mobility or Volume

Preference is given to alternatives that permanently and significantly reduce the toxicity, mobility or volume of the wastes at the site.

Alternative 1 will not reduce toxicity, mobility, or volume. Under Alternative 3 the mobility of the contamination in soil will be controlled but not toxicity or volume. The contaminant/soil removal under Alternatives 2 and 4 will effectively reduce toxicity, mobility and volume. The soil treatment under Alternatives 2 and 3 will reduce toxicity, mobility and volume but to a lesser degree compared to Alternative 4. This is because the treatment system will have some level of uncertainty in effectively removing the contaminants from the soil.

6. Implementability

The technical and administrative feasibility of implementing each alternative is evaluated. Technically, this includes the difficulties associated with the construction, the reliability of the technology, and the ability to monitor the effectiveness of the remedy. Administratively, the availability of the necessary personnel and equipment is evaluated along with potential difficulties in obtaining specific operating approvals, access for construction, etc.

Alternative 1 will be easiest to implement since no construction is involved. Alternative 2 may be hard to implement due to the likely difficulty of locating contractors experienced in lead reclamation. Alternatives 3 and 4 will involve excavation and or treatment activities but will be technically implementable with many experienced contractors available.

7. Cost

Capital and operation and maintenance costs are estimated for each alternative and compared on a present worth basis. Although cost is the last balancing criterion evaluated, where two or more alternatives have met the requirements of the remaining criteria, cost effectiveness can be used as the basis for the final decision.

The following is the estimated total cost of each alternative:

Alternative 1	O & M Present Worth $ 37,600 Capital cost: $ 8,000 for quarterly groundwater monitoring for one year Annual cost: $ 76,000 for quarterly groundwater monitoring for 2 years, then annual groundwater monitoring for 28 years Annual O & M Present Worth Average: $2,530

Alternative 2	O & M Present Worth $ 1,016,000 Capital cost: $ 1,000,000 Annual cost: $16,000 quarterly groundwater monitoring for 2 years Annual O & M Present Worth Average: $33,860
Alternative 3	O & M Present worth $ 1,216,000 Capital cost: $ 1,200,000 Annual cost: $16,000 quarterly groundwater monitoring for 2 years Annual O & M Present Worth Average: $40,530
Alternative 4	O & M Present worth $ 921,000 Capital cost: $ 913,000 $8,000 quarterly groundwater monitoring for 1 year Annual O & M Present Worth Average: $30,700

Costs

Project costs are anticipated to be as follows:

Transport and disposal costs for soil contaminated with hazardous concentrations of leachable lead are likely to be approximately $150 per ton.

Total T& D costs for 2,000-2,600 cubic yards of lead-impacted soil		$590,000
Excavation and Loading		$13,000
Excavation oversight		$13,000
Post-excavation soil sampling		$3,000
Post-excavation groundwater sampling		$5,000
Importation of clean fill and site restoration		$78,000
	Total	$702,000
Excavation and disposal of PCB-contaminated soil (100 yards)		$10,000
Oversight and post excavation soil sampling		$5,000
Site restoration		$5,000
	Total	$20,000
	Total	$722,000
Contingencies (15%)		$108,000
Administrative (10%)		$83,000
	Total	$913,000

4.4 Overview of Proposed Remediation Services

The proposed remedial services described in detail in subsequent sections of this Feasibility Study consist of the following:

1. Known metal-contaminated and PCB-contaminated soils present on site will be excavated and removed during construction excavation activities. End point samples will be collected to document the integrity of remaining soils.

2. Groundwater monitoring during after excavation to document any changes in groundwater quality.

3. Preparation of a Final Remediation Services Engineering Report (signed by a PE) to the Owner and the NYSDEC (Section 5.4.6 below).

Prior to, or in conjunction with, the initiation of the actions described below in Section 4.5, the tasks detailed in Section 4.4, below, will also be conducted.

4.5 Proposed Site Preparation Services

This section of the RI/FS provides details on activities and services necessary to be initiated and/or completed prior to the implementation of Site remediation services.

4.5.1 Agency Notification

The NYSDEC will be notified in writing at least three (3) business days prior to the start of fieldwork. Notification of subsequent field activities will be in accordance with reasonable business practice, with verbal notification for immediate (within 24 hours) activities and written notification otherwise. Written notifications will be transmitted to the NYSDEC via facsimile or e-mail.

NYSDEC will have the opportunity to participate in all remediation project status meetings. Adequate notice of these meetings will be provided to the NYSDEC.

4.5.2 Clean-up Levels

Site clean-up will be achieved when remaining soils in the area of excavation are documented to contain concentrations of all compounds at levels below NYSDEC Recommended Soil Clean-Up Objectives, as defined in the NYSDEC's Track "2" SCOS for Restricted Use Commercial Sites.

4.5.3 Site Remediation Coordination Activities

Prior to the initiation of fieldwork, all personnel subcontractors will be review the site specific Health and Safety Plan. All necessary insurance certificates will be secured from subcontractors by the Owner.

An assessment of subsurface soil characteristics, including soil type, the presence of foreign materials, field indications of contamination (e.g., unusual coloration patterns, or odors), and instrument indications of contamination (i.e., PID readings) will be made by the On-Site Coordinator (OSC) during all site remediation work.

The OSC will be responsible for identifying any soils that, in the opinion of the OSC, may contain elevated concentrations of contaminants and should, therefore, require special handling. Those soils identified by the OSC will be removed to the soil stockpiling area for characterization and proper disposition. The OSC will monitor the removal of all contaminated soil, including monitoring the trucks and establishing the designated truck routes. The OSC will also ensure that any unforeseen environmental conditions are managed in accordance with applicable federal and state regulations.

4.5.4 Health and Safety Plan (HASP)

The site-specific HASP will be reviewed with site personnel and appropriate sub-contractors prior to the initiation of fieldwork. All proposed work will be performed in "Level D" personal protective equipment; however, field personnel (including subcontractors) will be prepared to continue services wearing more protective levels of equipment should field conditions warrant.

4.5.5 Dust Suppression

Dust suppression activities will be conducted during construction activities that will disturb on-site soils. At a minimum, soils will be misted when site conditions indicate dry soils could potentially generate fugitive dust. Evidence of visible dust leaving the Site will result in the implementation of more aggressive dust suppression activities including increased misting, reduction in soil movement, or cessation of excavation.

4.5.6 Hours of Operation

Remedial work will be conducted between the hours of 7AM and 5PM Monday through Friday. No remedial work will be conducted on the weekend (Saturday or Sunday). Construction activities not related to site remediation may occur on weekends and holidays.

4.6 Proposed Specific Remediation Services

This section of the RI/FS provides a detailed description of the remedial tasks that will be conducted at the subject property. During the course of all remedial activities, appropriate measures (e.g., vehicle traffic patterns, stormwater run-off controls) will be implemented to ensure that contaminated soil is minimally disturbed.

4.6.1 Excavation of Contaminated Soils

Previous investigations have documented the presence of metals contaminated soils at locations north of the onsite structure, and PCB contaminated media beneath the slab of the building in location of B-8. The total volume of these soils is not known but is estimated to be approximately 2,000 cubic yards. These known contaminated soils will be excavated and removed from the Site in accordance with applicable NYSDEC regulations. All appropriate disposal documentation will be maintained by the Owner for inclusion in the Final Report. The location of known contaminated soils subject to the removal procedures detailed below is provided on the Fieldwork Map, Appendix A.

1. Surface material such as concrete, metal, and other miscellaneous materials will be removed and stockpiled or properly disposed of off-site as exempt waste, in accordance with NYSDEC Solid Waste regulations. Any subsurface debris encountered during the excavation of on-site soils will be disposed of in a manner consistent with applicable NYSDEC regulations (6 NYCRR, Part 360).

2. Excavation is anticipated to extend to 8 feet below surface grade. Shallow groundwater is present at the site at a depth of approximately four feet below surface grade and will likely necessitate dewatering of some of the excavated material prior to stockpiling. Excavation of materials exhibiting field evidence of contamination (i.e. where ash is visible within the areas identified as subject to remediation) will be conducted in a manner consistent with field conditions and technical observations from field personnel. Excavated material not indicating field evidence of contamination will be segregated, stockpiled, sampled, and analyzed to verify their integrity prior to off-site disposal or reuse on-site.

3. All excavated soils stored on-site will be placed on double-lined, 6-mil plastic sheeting and covered with a single sheet of 6-mil plastic. The stockpile will be located to minimize the likelihood of direct contact with standing water or water resulting from a storm event. The integrity of the overlaying plastic will be periodically inspected, and replacement of the plastic will occur when appropriate until such time as all soils are removed from the site. To the extent feasible, landfill approvals will be secured to permit direct loading of trucks.

4. All contaminated materials will be removed from the property by an appropriately licensed hauler who will be responsible for exiting the site and traveling on a pre-determined truck route. Trucks will be covered and leak-proof and appropriate measures will be taken to control the generation of fugitive dust from the trucks during transport. Copies of the licenses of all haulers selected for this project will be provided to the NYSDEC prior to the initiation of soil removal.

5. All soils (either regulated or exempt) removed from the Site will be documented with appropriate transportation manifests and weight tickets, as well as disposal/recycling certificates from the off-site facility.

6. All wastes will be transported from the Site in a manner appropriate to reduce dust generation and/or fugitive discharges of soils onto City streets. The specific truck routes will be dependent on the location of the particular repository.

4.6.2 Post-Excavation Soil Sampling

Soil samples will be collected using decontaminated stainless steel trowels and dedicated, disposable latex gloves. Samples will be place in pre-cleaned jars provided by the laboratory. After sample collection, the sample containers will be placed in a cooler prior to overnight transport to a NYSDOH-certified laboratory for analysis. Appropriate chain of custody procedures will be followed.

Underlying and surrounding soils will be visually inspected and screened with the PID after all contaminated soils have been removed from the ground. All soil samples will be analyzed for the following parameters:

- TAL Metals (USEPA Method 6010 and 7471) in areas where metals-contaminated soils are known.

- PCBs (USEPA Method 8082) in areas where PCB-contaminated soils are known to be present.

Test results from the post-excavation sampling event will be compared to Track “2” SCOS for Restricted Use Commercial Sites; any exceedances will warrant additional removal of soils. This process (testing, additional excavation) will be repeated until all contaminated soil is removed from the site.

The number of post-excavation soil samples will be determined in the field based on the size and dimensions of the excavation. At a minimum, one soil sample will be collected from each 30 feet of wall (minimum of one sample per wall) and one sample will be collected from every 200 square feet of floor (minimum of one sample per floor). Wall samples will be collected from a depth consistent with the depth of previously identified contamination; floor samples (when there is more than one collected) will be spatially distributed throughout the base of the excavation. Soils encountered that exhibit unusual field conditions will be analyzed for specific compounds as determined by the field technician (in consultation with the NYSDEC Project Manager) to be most appropriate.

4.6.3 Soil Importation Requirements

The importation of the clean fill/top soil may be required. Such material will be from a specific source (e.g., not from an adjacent parcel near the proposed construction site). On-site soils will only be utilized for backfilling/grading purposes if they are tested and reveal that all contaminant concentrations are below Track "2" SCOS for Restricted Use Commercial Sites. Specifically soils being imported to the Site shall be from an acceptable borrow source that is free of industrial wastes and/or other potential sources of chemical or petroleum contamination. In order to certify that soil from a specific source is free of contamination, a representative number of samples (as determined by soil volume) will be analyzed for the following parameters:

Total Weight Analysis:

VOCs	(USEPA Method 8260)
PAHs	(USEPA Method 8270)
TAL Metals	(USEPA Methods 6010 and 7471)
Pesticides	(USEPA Method 8081)
(PCBs)	(USEPA Method 8082)

Analysis by Toxicity Characteristic Leachate Procedure (TCLP):

VOCs	(USEPA Method 8260)
PAHs	(USEPA Method 8270)
RCRA Metals	(USEPA Methods 6010 and 7471)
Pesticides	(USEPA Method 8081)

Source history, field observations, and initial analytical results may warrant additional analyses.

Soils from each potential borrow source will be analyzed as follows: one sample per designated borrow pit will be submitted for analysis of the above TCLP parameters; and, one sample per 2,500 cubic yards of soil will be submitted for the analysis of above total-weight parameters.

Soils that are confirmed to be non-hazardous (through TCLP analyses) and that meet Track "2" SCOS for Restricted Use Commercial Sites (through total-weight analyses) would be considered free of contamination. All analyses must be performed by a NYSDOH ELAP certified laboratory. A valid ELAP certification number must be provided with all laboratory data. Soils intended for importation to the Site cannot otherwise be defined as a solid waste in accordance with 6 NYCRR Part 360-1.2(a).

4.6.4 Contingency Procedures for Encountering Underground Storage Tanks (USTs)

If, during the course of excavation activities, USTs are encountered, the following procedures will be performed:

- Proper notification to all involved regulatory agencies will be made by the OSC, describing the type of tanks, the location, the contents, and the proposed course of response actions (including a timetable of activities, if warranted);
- Vacuuming and removal of the liquid contents (if any) of the USTs;
- Removal of the USTs and documentation of the size and condition of the USTs;
- Evaluation and screening of soils in the area of the USTs for contamination;
- Excavation, stockpiling, and off-site disposal of contaminated soils in the area of the USTs (all stockpiled soils will be disposed of off-site); and,
- End point sampling of the tank graves.

4.6.5 Groundwater Monitoring

No groundwater remediation is proposed in this RI/FS, based on existing data. The proposed groundwater-monitoring detailed in this Section of the RI/FS is intended to assess: a) changes in water quality over time (one year minimum), and b) confirm the absence of ground water contamination at a true down-gradient sampling location.

The groundwater-monitoring plan at this Site consists of the following:

- quarterly sampling of all wells for VOCs, SVOCs, and dissolved metals.
- In the event that any of the existing on-site monitoring wells are destroyed during construction the NYSDEC will be informed and, in consultation with the NYSDEC, a determination will be made as to whether well replacement will be required.

4.6.6 Documentation of Site Remediation and/or Closure

At the completion of all services detailed in this RI/FS, a Final Report will be prepared. This post-remedial (defined as the satisfactory completion of all remedial tasks detailed in this RI/FS) will include, at a minimum, results of any laboratory analyses generated during activities described in this RI/FS, waste transport/disposal manifests from all soil excavation and disposal activities. Also included will be maps illustrating Site closure activities. The Final Report will be signed, certified and stamped by a Professional Engineer licensed to practice in the State of New York and will affirmatively document that all remedial measures described in the RI/FS have been properly implemented.

The Final Report will be submitted to the NYSDEC for review and approval.

4.7 Project Schedule

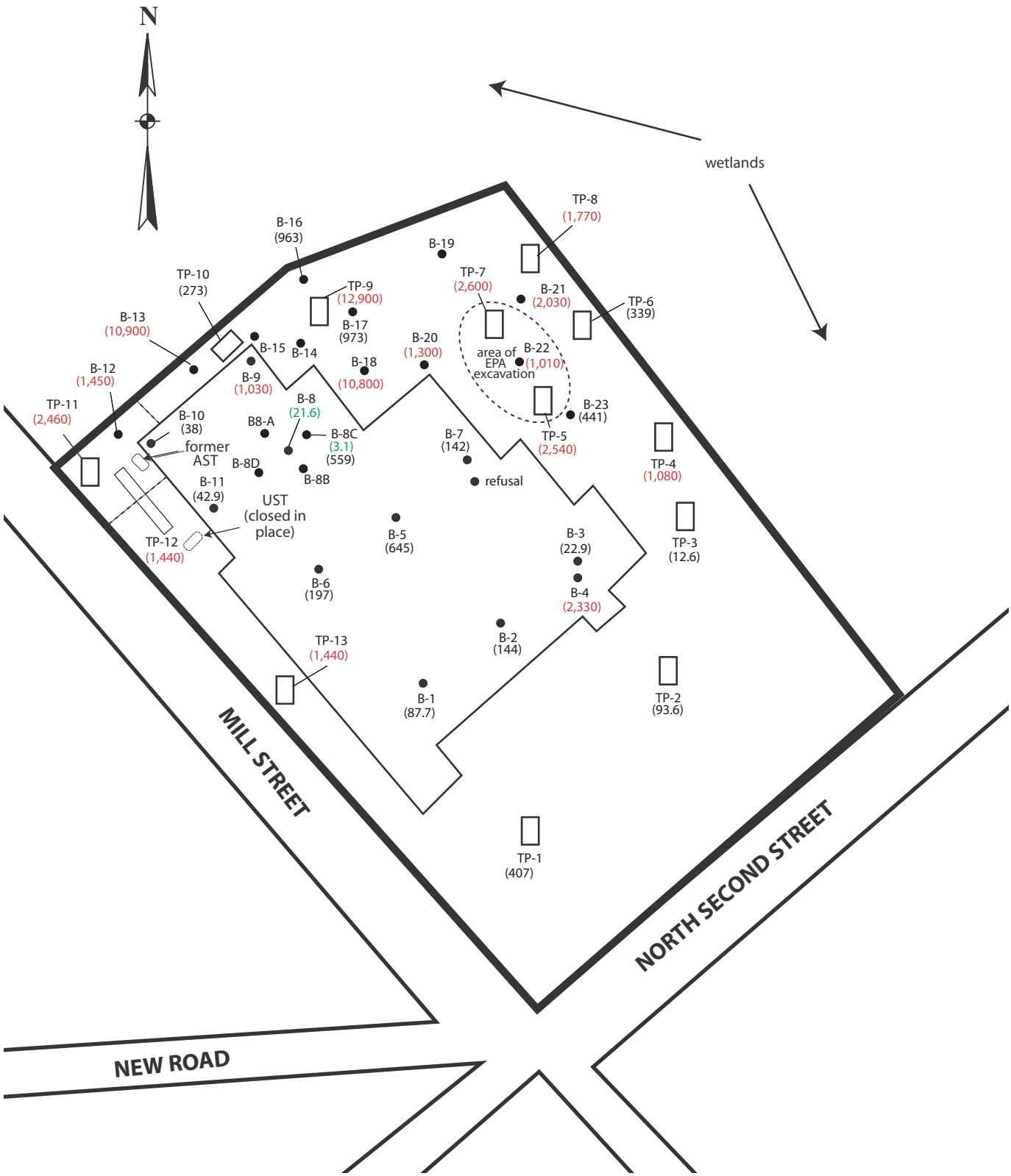
The following schedule is anticipated for implementing the remedial actions detailed in this RI/FS:

MONTHS	ACTION	DELIVERABLES
0 – 3	Soil Excavation/Removal Site Testing (soil)	Daily Logs with Lab Data and Manifests
	Project Closure	Final Report

APPENDIX A

Maps

Site Location Map Foster's Refrigeration Site 119 North 2nd Street Hudson, New York	N	ESI File: MH04055.41 Date: January 2007 Appendix A



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Peak Contaminant Concentrations in Soils

Foster Refrigeration Site
119 North 2nd Street
Hudson, New York

Legend:
- subject property border
- test pits
- boring location

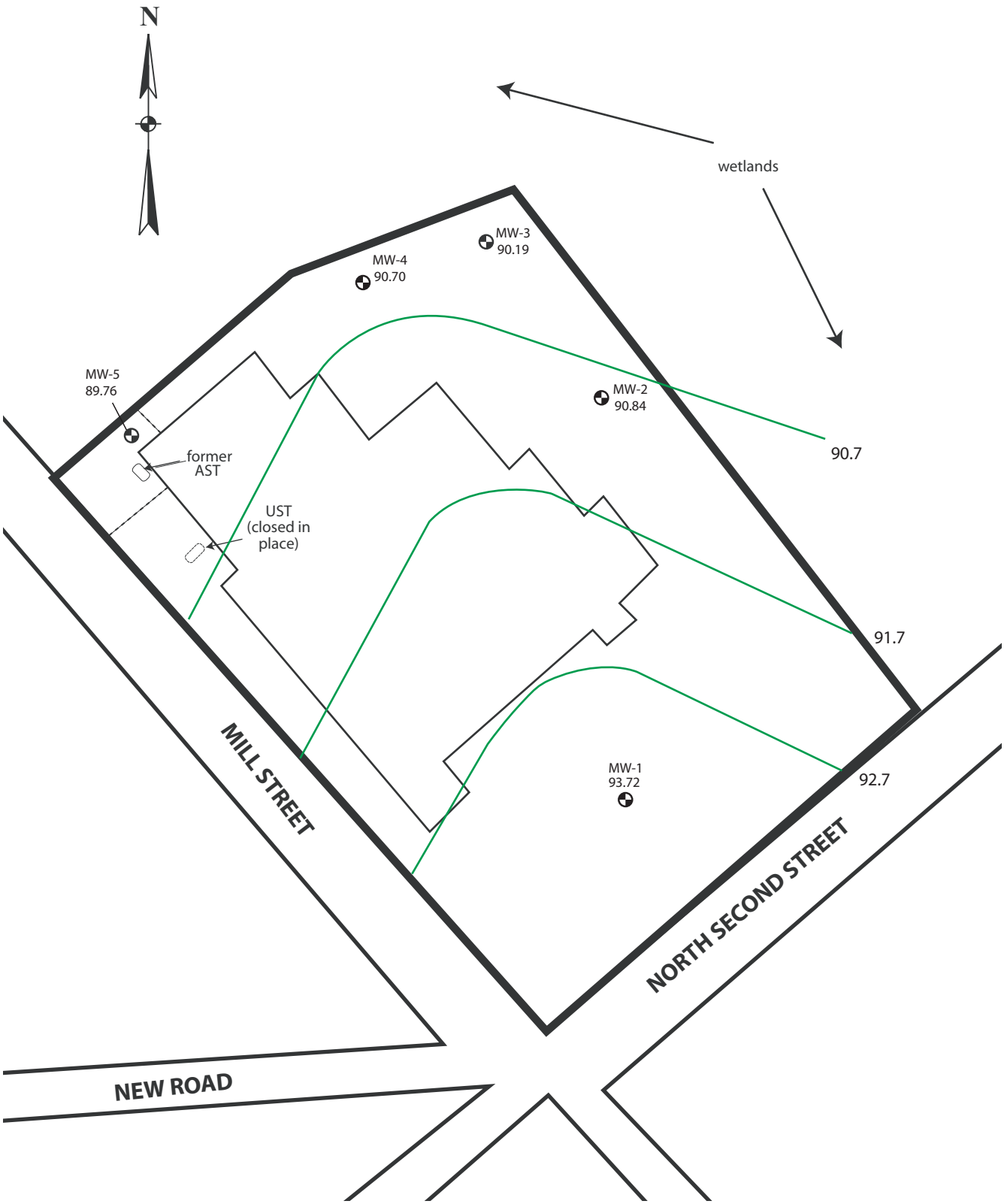
(concentrations in ppb)
red = lead above guidance level
green = PCBs above guidance level
black = lead below guidance level

ESI File: MH04055.41

January 2007

Scale: 1" = 50' (approx.)

Appendix A



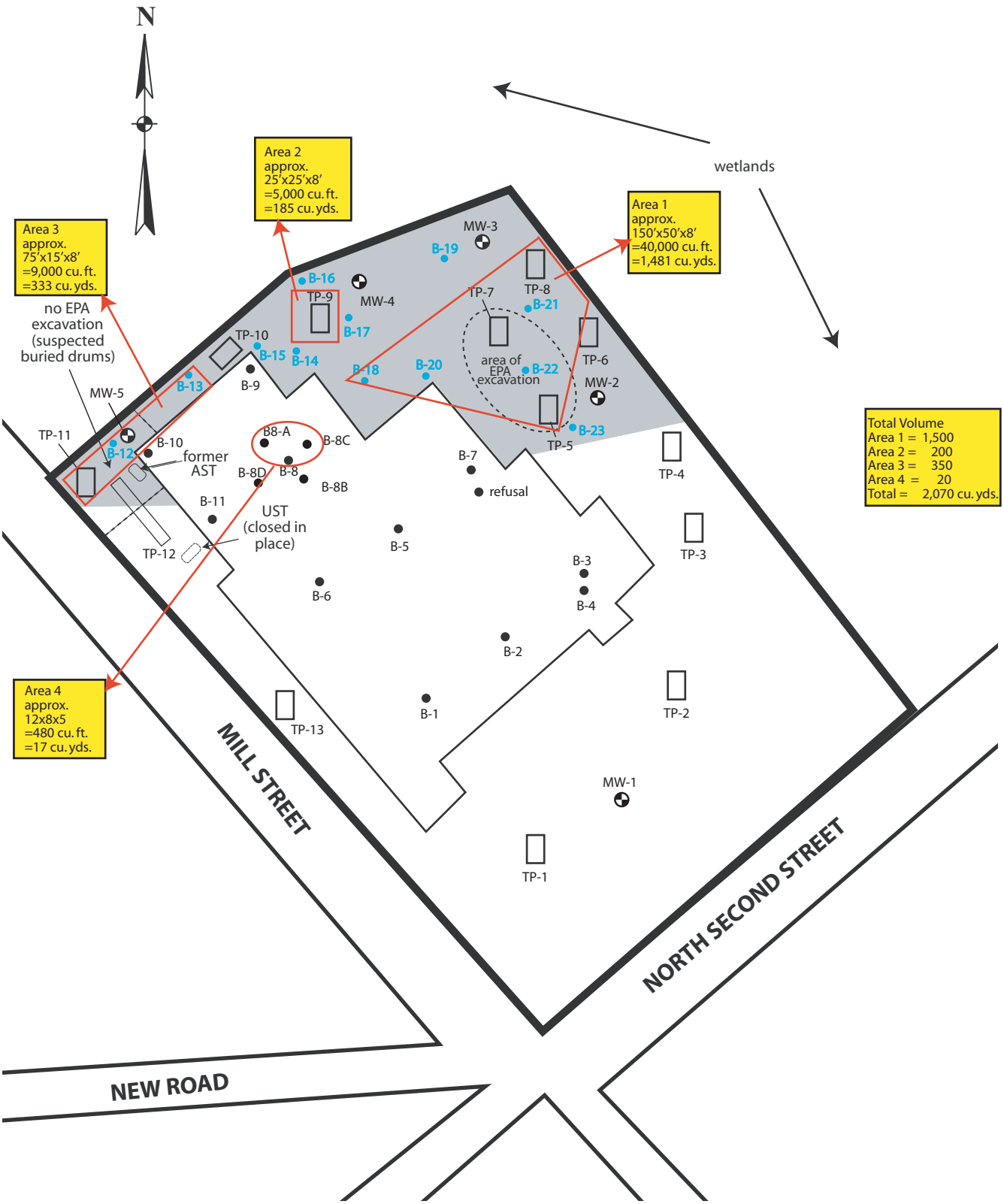
All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Monitoring Well Location and Groundwater Elevation Map

Foster Refrigeration Site
119 North 2nd Street
Hudson, New York

Legend:
- subject property border
- monitoring well
- groundwater elevation relative to artificial 100' benchmark

ESI File: MH04055.41
January 2007
Scale: 1" = 50' (approx.)
Appendix A



All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Proposed Remediation Map

Foster Refrigeration Site
119 North 2nd Street
Hudson, New York

Legend:
- subject property border
- test pits
- monitoring well
- boring location
- boring location 9-06
- remedial action area
- excavation area

ESI File: MH04055.41

January 2007

Scale: 1" = 50' (approx.)

Appendix A

APPENDIX B

Data Summary Tables

Table 2: Target Analyte List (TAL) Metals in Soils from Interior Borings

Results provided in ug/kg (parts per billion). Results shown in **bold** exceed guidance levels.

		Sample Identification																			
	Guidance	B-1			B-2			B-3	B-4	B-5		B-6		B-7		B-8		B-9		B-10	B-11	
RCRA Metal	Level	0-4'	4'-8'	8'-12'	1'-2'	2'-4'	4'-8'	0-3'	0-2'	0-4'	4'-5'	0-4'	4'-8'	0-4'	4'-8'	0-4'	4'-8'	0-4'	4'-8'	4'-6'	0-4'	4'-8'
Aluminum	NP	12,100	12,300	8,170	4,510	13,900	9,550	13,500	9,680	2,610	7,380	14,400	5,040	11,700	9,190	4,790	7,090	6,920	4,010	6,990	2,160	9,160
Antimony	NP	4.35	ND	ND	3.08	ND	ND	5.40	1.33	1.89	ND	3.89	ND	4.85	4.4	14.20	3.97	5.06	2.93	ND	3.84	3.43
Arsenic	16	7.39	9.87	9.63	4.38	12.10	8.05	6.56	8.46	8.77	11.4	6.57	5.88	7.13	6.82	**16.60**	3.50	12.00	10.70	6.44	12.80	3.91
Barium	400	157	90.10	64	280	174	82.5	111	**549**	88.90	108	222	29.40	189.00	82.8	**466.00**	30.10	**540.00**	85.50	55.50	43.80	62.90
Beryllium	590	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	93	0.56	ND	ND	ND	ND	ND	ND	1.56	ND	ND	0.89	ND	0.56	ND	3.99	ND	1.28	ND	ND	ND	ND
Calcium	NP	62,900	43,500	55,900	167,000	13,600	1,860	45,400	52,300	3,520	31,900	105,000	7,270	97,200	20,500	24,100	20,400	36,200	13,300	16,200	20,200	8,750
Chromium	400	16.20	12.60	11.80	12.10	19.60	13.10	16.16	67.10	9.08	62.5	32.5	6.75	17.70	13.1	24.90	11.20	16.20	5.50	10.10	3.53	12.50
Cobalt	NP	8.32	5.40	6.80	4.13	11.70	10.50	9.05	9.26	5.38	6.05	8.56	5.51	7.52	10.4	6.91	7.75	9.01	5.07	7.22	6.28	9.83
Copper	270	48.3	20.2	21.8	22.9	35.3	27.3	29.6	**2,590**	62.80	33.3	49	13.30	37.80	27.6	124.00	26.80	240.00	25.30	28.40	32.80	23.60
Iron	NP	19,700	14,800	15,200	12,000	26,900	19,300	24,400	27,500	9,950	20,200	212	8,790	18,900	17,100	60,100	16,200	35,000	8,790	17,300	6,760	16,100
Lead	1,000	88	27	19	116	144	13	22.9	**2,330**	645	151	197	32.1	142	63.80	559	10.50	**1,030**	88.70	38.00	42.90	15.90
Magnesium	NP	12,200	22,400	4,680	5,980	5,600	3,740	7,100	7,290	681	4,210	20,900	2,720	14,300	5,910	1,850	6,470	2,470	1,420	5,660	6.12	4,950
Manganese	10,000	628	855	295	363	931	458	786	605	104	361	1,010	137	702	287	416	376	530	159	416	62	346
Mercury	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	310	21.5	13.3	14.6	15.3	20.4	16	22.7	24.2	12	32.7	33.3	11.1	25.9	19.3	12.0	18.5	66.2	12.7	16.2	11.2	19.5
Potassium	NP	1,680	1,020	707	921	1,650	444	1,320	1,110	420	906	2,010	398	1,440	943	675	755	829	514	928	209	864
Selenium	1,500	ND	ND	ND	ND	ND	ND	ND	ND	1.53	ND	1.48	ND	1.04	ND	ND	ND	ND	1.06	ND	ND	ND
Silver	1,500	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NP	699	576	192	713	200	59.50	481	1,110	361	468	836	60.40	715	420	1,610	437	891	452	84	393	376
Thallium	NP	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium	NP	22.1	19.1	16.8	20.6	24.6	16.3	20.5	18	15.70	20.70	32.1	14.4	24.1	17	19.9	12.7	21.6	12.5	13.9	12.6	16.1
Zinc	10,000	223	53	54.4	154	151	54.6	80.7	1,080	67	136	194	33.20	256	90.60	1,330	75.4	613	82.20	75.90	126	70.30

Notes:

Guidance levels based on NYSDEC Track 2 "Restricted Use" SCO for Commercial Properties.

ND = Not Detected NP = Not Provided

Table 2A: Target Analyte List (TAL) Metals in Soils from Test Pits

Results provided in ug/kg (parts per billion). Results shown in **bold** exceed guidance levels.

		Sample Identification													
RCRA Metal	Guidance Level	TP-1 0-4"	TP-2 4'-5'	TP-3 6'	TP-4 5.5'	TP-5 5.5'	TP-6 6'	TP-7 1.5'	TP-8 5'	TP-9 2"-6"	TP-9 1.5'	TP-10 2'	TP-11 0-6"	TP-12 1'	TP-13
Aluminum	**NP**	9,430	2,630	19,500	6,430	7,800	5,580	9,000	6,120	5,480	1,320	3,910	9,340	6,720	2,230
Antimony	**NP**	6.73	1.23	8.16	6.47	32.70	ND	ND	3.62	ND	2.95	ND	ND	ND	ND
Arsenic	**16**	11.8	1.42	7.79	14.10	**23.50**	**19.20**	**21.80**	**24.40**	**17.00**	4.85	7.27	**33.30**	**17.00**	8.52
Barium	**400**	210	38.8	166	279	**459**	146	**2,080**	**615**	**591**	**1,100**	**524**	**871**	255	120
Beryllium	**590**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.68	ND	ND
Cadmium	**93**	1.47	ND	ND	1.09	1.8	1.09	1.27	1.98	1.23	2.79	ND	4.43	0.71	ND
Calcium	**NP**	33300	2930	18900	20800	4190	2350	9680	4790	4140	24200	2990	10500	ND	12500
Chromium	**400**	19.1	3.51	23	17.7	22.6	26.3	40.4	29.3	112	7.10	6.47	34.00	15.6	4.88
Cobalt	**NP**	8.75	3.11	14	7.71	13.4	6.08	10.9	7.92	7.97	1.71	7.82	13.1	9.08	7.61
Copper	**270**	78.5	28.7	28	87.3	142	139	172	147	198	26.9	44.2	238	89.2	79.7
Iron	**NP**	21,400	3,430	30,200	24,700	36,000	46,700	51,200	19,200	28,900	3,330	7,360	42,300	30,600	11,400
Lead	**1,000**	407	93.6	12.6	**1,080**	**2,540**	339	**2,600**	**1,770**	**2,820**	**12,900**	273	**2,460**	**1,440**	**1,440**
Magnesium	**NP**	4,960	529	8,800	2,700	2,600	1,440	2,020	1,430	788	7,560	245	2,270	3,520	1,520
Manganese	**10,000**	486	31.8	551	378	710	200	692	388	220	111	238	675	479	323
Mercury	**28**	ND	0.21	ND	ND	0.78	ND	0.77	ND	ND	0.25	ND	ND	0.31	ND
Nickel	**310**	20.4	8.78	31.8	17.9	13.7	4.28	25.3	17.9	13.1	5.82	17.9	19.9	15.4	14
Potassium	**NP**	1,410	238	2,960	627	632	439	1,160	419	653	246	271	953	658	227
Selenium	**1,500**	ND	ND	ND	ND	ND	ND	3.12	ND	ND	ND	ND	ND	ND	ND
Silver	**1,500**	ND	ND	ND	ND	1.28	1.77	ND	2.16	5.78	ND	ND	1.69	ND	ND
Sodium	**NP**	916	314	553	791	343	409	837	431	349	366	144	638	307	147
Thallium	**NP**	ND	ND	ND	ND	ND	ND	1.31	ND	ND	ND	ND	ND	ND	ND
Vanadium	**NP**	20.7	10.2	30.6	22.1	22.9	15.1	50.8	21.3	24.6	4.23	17	37	25	11
Zinc	**10,000**	654	56.3	88.7	464	996	1,140	1,490	1,200	950	1,690	301	1,730	608	156

Notes:

Guidance levels based on NYSDEC Track 2 "Restricted Use" SCO for Commercial Properties.

ND = Not Detected SB = Site Background

Table 3: Lead in Soils from Exterior Borings

Results provided in mg/kg (parts per million). Results shown in **bold** exceed guidance levels.

		Sample Identification																									
	Guidance	B-12		B-13			B-14			B-15		B-16		B-17		B-18		B-19		B-20		B-21		B-22		B-23	
RCRA Metal	Level	0-4	4-8	0-4	4-8	8-12	0-4	4-8	8-12	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8	0-4	8-10	0-4	4-8	0-4	4-8	0-4	4-8	0-4	4-8
Aluminum	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**16**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	**400**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**590**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**93**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**400**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**270**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**1,000**	**1,450**	71.3	**10,900**	52.6	9.4	213	196	24.3	223	517	963	95.1	973	485	474	**10,800**	589	258	259	**1,300**	**2,030**	**1,100**	**1,010**	43.9	441	176
Magnesium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	**28**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	**310**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**1,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**1,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Guidance levels based on NYSDEC Track 2 "Restricted Use" SCO for Commercial Properties.

ND = Not Detected NA = Not Analyzed

Table 4: Lead in Soils from Monitoring Well Installation

Results provided in ug/kg (parts per billion). Results shown in **bold** exceed guidance levels.

RCRA Metal	Guidance Level	Sample Identification											
		MW-1				MW-2		MW-3		MW-4		MW-5	
		0-4"	20"-24"	4'-6'	8'-12'	2"-6"	4'-5'	3'-4'	6'-8'	0-4	4-8	0-4	4-8
Aluminum	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	**16**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	**400**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	**590**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	**93**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	**400**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	**270**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	**1,000**	557	216	12.7	88.9	114	558	213	196	223	517	44.1	176
Magnesium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	**28**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	**310**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	**1,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	**1,500**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	**NP**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	**10,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

Guidance levels based on NYSDEC Track 2 "Restricted Use" SCO for Commercial Properties.

ND = Not Detected NA = Not Analyzed

Table 5: Target Analyte List (TAL) Metals in Water

All results provided in ug/L. Results in **bold** exceed designated guidance levels.

TAL METAL	Guidance Level	Sample Identification															
		MW-1			MW-1 (Dup)	MW-2			MW-3			MW-4			MW-5		
		June-Total	Nov-Total	Nov-Diss	June-Total	June-Total	Nov-Total	Nov-Diss	June-Total	Nov-Total	Nov-Diss	June-Total	Nov-Total	Nov-Diss	June-Total	Nov-Total	Nov-Diss
Aluminum	**100**	70.9	ND	ND	60.4	**767**	ND	ND	**323**	ND	ND	**163**	ND	ND	**559**	ND	ND
Antimony	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	**25**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	11.9	ND	ND	ND	ND	ND
Barium	**1,000**	89.2	ND	ND	89.3	375	362	276	415	427	261	396	423	258	219	245	ND
Beryllium	**3**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Calcium	**NE**	112,000	135,000	113,000	111,000	143,000	133,000	139,000	86,600	82,100	81,300	83,700	80,200	74,400	67,500	67,500	61,800
Chromium	**50**	5.7	ND	ND	5	11.7	ND	ND	ND	ND	13.3	ND	ND	25.6	ND	ND	26.1
Cobalt	**5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	**200**	ND	ND	ND	ND	ND	ND	ND	6.8	ND	ND	8.1	ND	ND	7.9	ND	ND
Iron	**500**	**3,570**	**3,650**	306	**3,640**	**11,800**	**10,300**	311	**30,600**	**25,500**	**1,960**	**47,300**	**44,300**	**161,000**	**31,300**	**34,600**	**8,300**
Lead	**25**	ND	ND	ND	ND	10.7	ND	ND	**56**	ND	ND	7.3	ND	ND	6	ND	ND
Magnesium	**35,000**	28,900	35,700	28,300	28,500	24,600	23,700	24,900	22,900	18,500	ND	22,400	20,900	19,600	14,500	14,300	13,300
Manganese	**300**	**705**	**601**	**522**	**702**	**1,460**	**1,320**	**1,360**	**2,060**	**1,580**	**1,450**	**2,310**	**2,020**	**1,860**	**1,750**	**1,490**	**1,340**
Mercury	**0.7**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	**100**	5.7	ND	ND	6	7.3	ND	ND	ND	ND	ND	5.1	ND	ND	5	ND	ND
Potassium	**NE**	5,130	ND	5,450	5,000	11,000	12,900	14,100	1,620	ND	ND	2,060	ND	ND	661	ND	ND
Selenium	**10**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	**20,000**	**29,200**	**29,200**	**27,500**	**29,000**	**27,300**	**29,700**	**32,700**	**24,600**	**23,100**	**22,100**	**30,400**	**33,300**	**32,400**	**16,900**	**20,400**	**19,200**
Thallium	**0.5**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10.3**	ND	**11.6**	**10.6**
Vanadium	**14**	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND	ND	ND
Zinc	**2,000**	ND	37.5	45.9	ND	29.6	39.9	55.8	48.7	51	50.4	41.1	53	53.1	32.9	39.9	48.1

Notes:

Guidance levels based on NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1, Ambient Water Quality Standards And Guidance Values And Groundwater Effluent Limitations (June 1988 edition)

ND = Not Detected or below Laboratory MDL

Table 6: PCBs in Soils

Results provided in ug/kg (parts per billion). Results shown in **bold** exceed guidance levels.

PCB Compound	Sample Identification																		
(USEPA Method 8082)	B-2 (1'-2')	B-7 (0-4')	B-7 (4'-8')	B8-A (0-4')	B8-A (4-8')	B8-A (8-12')	B8-B (0-4')	B8-B (4-8')	B8-B (8-12')	B8-C (0-4')	B8-C (4'-8')	B8-C (8'-12')	B8-D (0-4')	B8-D (4-8')	B8-D (8'-12')	TP-1 (0-4')	TP-4 (5.5')	TP-6 (6')	TP-12 (1')
PCB 1016	ND	ND	ND	630	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1221	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1232	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1242	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1248	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1254	ND	ND	ND	ND	**21,600**	ND	ND	ND	ND	**3,100**	ND	**1,900**	ND	ND	ND	62	ND	ND	ND
PCB 1260	ND	ND	ND	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB, Total	ND	ND	ND	ND	**21,600**	ND	ND	ND	ND	**3,100**	ND	**1,900**	ND	ND	ND	ND	ND	ND	ND

Notes:

Guidance levels based on NYSDEC Track 2 "Restricted Use" SCO for Commercial Properties.

ND = Not Detected

TABLE 6A: Nature and Extent of Contamination

SUB-SURFACE SOIL	Contaminants of Concern	Concentration Range Detected (ppm)	SCG (ppm)	Frequency of Exceeding SCG
Volatile Organic Compounds (VOCs)	Xylenes	0.150	500	0
	Toluene	0.082	500	0
Semivolatile Organic Compounds (SVOCs)	SVOCs	0-12	0.560-500	0
PCB/Pesticides	PCB 1254	0.062-21.6	1	9/22
Inorganic Compounds	Lead	12.6-12,900	1,000	16/86
	Arsenic	1.42-33	16	8/35
	Barium	30.1-2,800	400	10/35
	Copper	13.3-2,590	23.4	1/35
Groundwater	**Contaminants of Concern**	**Concentration Range Detected (ppb)**	**SCG (ppb)**	**Frequency of Exceeding SCG**
Volatile Organic Compounds (VOCs)	OCsV	0	5	0
Semivolatile Organic Compounds (SVOCs)	PAHs	0	5	0
PCB/Pesticides	N/A	N/A	N/A	N/A
Inorganic Compounds	Lead	6-56	25	1/5

APPENDIX C

Laboratory Reports

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 6/1/2006
Re: Client Project ID: MH04055.41
York Project No.: 06050763

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 6/1/2006
Client Project ID: MH04055.41
York Project No.: 06050763

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/22/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			B-1 0-4'	
York Sample ID			06050763-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			12100	1.00
Antimony			4.35	1.00
Arsenic			7.39	1.00
Barium			157	1.00
Beryllium			Not detected	0.500
Cadmium			0.56	0.500
Calcium			62900	2.00
Chromium			16.2	0.500
Cobalt			8.32	1.00
Copper			48.3	1.00
Iron			19700	1.00
Lead			87.7	1.00
Magnesium			12200	2.00
Manganese			628	1.00
Nickel			21.5	1.00
Potassium			1680	3.00

YORK

Client Sample ID			B-1 0-4'	
York Sample ID			06050763-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			699	5.00
Thallium			Not detected	1.00
Vanadium			22.1	2.00
Zinc			223	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			B-2 1-2'	
York Sample ID			06050763-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	50
1,1,1-Trichloroethane			Not detected	50
1,1,2,2-Tetrachloroethane			Not detected	50
1,1,2-Trichloroethane			Not detected	50
1,1-Dichloroethane			Not detected	50
1,1-Dichloroethylene			Not detected	50
1,1-Dichloropropylene			Not detected	50
1,2,3-Trichlorobenzene			Not detected	50
1,2,3-Trichloropropane			Not detected	50
1,2,3-Trimethylbenzene			Not detected	50
1,2,4-Trichlorobenzene			Not detected	50
1,2,4-Trimethylbenzene			97	50
1,2-Dibromo-3-chloropropane			Not detected	50
1,2-Dibromoethane			Not detected	50
1,2-Dichlorobenzene			Not detected	50
1,2-Dichloroethane			Not detected	50

YORK

Client Sample ID			B-2 1-2'	
York Sample ID			06050763-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	50
1,2-Dichloropropane			Not detected	50
1,3,5-Trimethylbenzene			Not detected	50
1,3-Dichlorobenzene			Not detected	50
1,3-Dichloropropane			Not detected	50
1,4-Dichlorobenzene			Not detected	50
1-Chlorohexane			Not detected	50
2,2-Dichloropropane			Not detected	50
2-Chlorotoluene			Not detected	50
4-Chlorotoluene			Not detected	50
Benzene			Not detected	50
Bromobenzene			Not detected	50
Bromochloromethane			Not detected	50
Bromodichloromethane			Not detected	50
Bromoform			Not detected	50
Bromomethane			Not detected	50
Carbon tetrachloride			Not detected	50
Chlorobenzene			Not detected	50
Chloroethane			Not detected	50
Chloroform			Not detected	50
Chloromethane			Not detected	50
cis-1,3-Dichloropropylene			Not detected	50
Dibromochloromethane			Not detected	50
Dibromomethane			Not detected	50
Dichlorodifluoromethane			Not detected	50
Ethylbenzene			Not detected	50
Hexachlorobutadiene			Not detected	50
Isopropylbenzene			Not detected	50
Methylene chloride			Not detected	50
MTBE			Not detected	50
Naphthalene			Not detected	50
n-Butylbenzene			Not detected	50
n-Propylbenzene			Not detected	50
o-Xylene			50	50
p- & m-Xylenes			100	50
p-Isopropyltoluene			Not detected	50
sec-Butylbenzene			Not detected	50
Styrene			Not detected	50
tert-Butylbenzene			Not detected	50
Tetrachloroethylene			Not detected	50
Toluene			82	50
trans-1,3-Dichloropropylene			Not detected	50
Trichloroethylene			Not detected	50
Trichlorofluoromethane			Not detected	50
Vinyl chloride			Not detected	50
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	4100
1,2-Dichlorobenzene			Not detected	4100
1,3-Dichlorobenzene			Not detected	4100
1,4-Dichlorobenzene			Not detected	4100
2,4,5-Trichlorophenol			Not detected	4100

YORK

Client Sample ID			B-2 1-2'	
York Sample ID			06050763-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
2,4,6-Trichlorophenol			Not detected	4100
2,4-Dichlorophenol			Not detected	4100
2,4-Dimethylphenol			Not detected	4100
2,4-Dinitrophenol			Not detected	4100
2,4-Dinitrotoluene			Not detected	4100
2,6-Dinitrotoluene			Not detected	4100
2-Chloronaphthalene			Not detected	4100
2-Chlorophenol			Not detected	4100
2-Methylnaphthalene			Not detected	4100
2-Methylphenol			Not detected	4100
2-Nitroaniline			Not detected	4100
2-Nitrophenol			Not detected	4100
3,3'-Dichlorobenzidine			Not detected	4100
3-Methylphenol			Not detected	4100
3-Nitroaniline			Not detected	4100
4,6-Dinitro-2-methylphenol			Not detected	4100
4-Bromophenyl phenyl ether			Not detected	4100
4-Chloro-3-methyl phenol			Not detected	4100
4-Chloroaniline			Not detected	4100
4-Chlorophenyl phenyl ether			Not detected	4100
4-Methylphenol			Not detected	4100
4-Nitroaniline			Not detected	4100
4-Nitrophenol			Not detected	4100
Acenaphthene			Not detected	4100
Acenaphthylene			Not detected	4100
Aniline			Not detected	4100
Anthracene			Not detected	4100
Benzidine			Not detected	4100
Benzo(a)anthracene			Not detected	4100
Benzo(a)pyrene			Not detected	4100
Benzo(b)fluoranthene			Not detected	4100
Benzo(g,h,i)perylene			Not detected	4100
Benzo(k)fluoranthene			Not detected	4100
Benzyl alcohol			Not detected	4100
Bis(2-chloroethoxy)methane			Not detected	4100
Bis(2-chloroethyl)ether			Not detected	4100
Bis(2-chloroisopropyl)ether			Not detected	4100
Bis(2-ethylhexyl)phthalate			Not detected	4100
Butyl benzyl phthalate			Not detected	4100
Chrysene			Not detected	4100
Dibenz(a,h)anthracene			Not detected	4100
Dibenzofuran			Not detected	4100
Diethylphthalate			Not detected	4100
Dimethylphthalate			Not detected	4100
Di-n-butylphthalate			Not detected	4100
Di-n-octylphthalate			Not detected	4100
Fluoranthene			Not detected	4100
Fluorene			Not detected	4100
Hexachlorobenzene			Not detected	4100
Hexachlorobutadiene			Not detected	4100
Hexachlorocyclopentadiene			Not detected	4100

YORK

Client Sample ID			B-2 1-2'	
York Sample ID			06050763-16	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Hexachloroethane			Not detected	4100
Indeno(1,2,3-cd)pyrene			Not detected	4100
Isophorone			Not detected	4100
Naphthalene			Not detected	4100
Nitrobenzene			Not detected	4100
N-Nitrosodi-n-propylamine			Not detected	4100
N-Nitrosodiphenylamine			Not detected	4100
Pentachlorophenol			Not detected	4100
Phenanthrene			Not detected	4100
Phenol			Not detected	4100
Pyrene			Not detected	4100
Pyridine			Not detected	4100
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.170
PCB 1221			Not detected	0.170
PCB 1232			Not detected	0.170
PCB 1242			Not detected	0.170
PCB 1248			Not detected	0.170
PCB 1254			Not detected	0.170
PCB 1260			Not detected	0.170
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			4510	1.00
Antimony			3.08	1.00
Arsenic			4.38	1.00
Barium			280	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium			167000	2.00
Chromium			12.1	0.500
Cobalt			4.13	1.00
Copper			22.9	1.00
Iron			12000	1.00
Lead			116	1.00
Magnesium			5980	2.00
Manganese			363	1.00
Nickel			15.3	1.00
Potassium			921	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			713	5.00
Thallium			Not detected	1.00
Vanadium			20.6	2.00
Zinc			154	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			B-3 0-3'	
York Sample ID			06050763-19	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			13500	1.00
Antimony			5.40	1.00
Arsenic			6.56	1.00
Barium			111	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium			45400	2.00
Chromium			16.6	0.500
Cobalt			9.05	1.00
Copper			29.6	1.00
Iron			24400	1.00
Lead			22.9	1.00
Magnesium			7100	2.00
Manganese			786	1.00
Nickel			22.7	1.00
Potassium			1320	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			481	5.00
Thallium			Not detected	1.00
Vanadium			20.5	2.00
Zinc			80.7	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			B-4 0-2'		B-5 0-4'	
York Sample ID			06050763-20		06050763-21	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			9680	1.00	2610	1.00
Antimony			1.33	1.00	1.89	1.00
Arsenic			8.46	1.00	8.77	1.00
Barium			549	1.00	88.9	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			1.56	0.500	Not detected	0.500
Calcium			52300	2.00	3520	2.00
Chromium			67.1	0.500	9.08	0.500
Cobalt			9.26	1.00	5.38	1.00
Copper			2590	1.00	62.8	1.00
Iron			27500	1.00	9950	1.00
Lead			2330	1.00	645	1.00
Magnesium			7290	2.00	681	2.00
Manganese			605	1.00	104	1.00
Nickel			24.2	1.00	12.0	1.00
Potassium			1110	3.00	420	3.00
Selenium			Not detected	1.00	1.53	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			1110	5.00	361	5.00

YORK

Client Sample ID			B-4 0-2'		B-5 0-4'	
York Sample ID			06050763-20		06050763-21	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			18.0	2.00	15.7	2.00
Zinc			1080	2.00	67.0	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

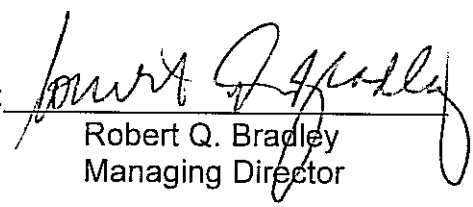
Client Sample ID			B-6 0-4'	
York Sample ID			06050763-23	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			14400	1.00
Antimony			3.89	1.00
Arsenic			6.57	1.00
Barium			222	1.00
Beryllium			Not detected	0.500
Cadmium			0.89	0.500
Calcium			105000	2.00
Chromium			32.8	0.500
Cobalt			8.56	1.00
Copper			49.0	1.00
Iron			212	1.00
Lead			197	1.00
Magnesium			20900	2.00
Manganese			1010	1.00
Nickel			33.3	1.00
Potassium			2010	3.00
Selenium			1.48	1.00
Silver			Not detected	1.00
Sodium			836	5.00
Thallium			Not detected	1.00
Vanadium			32.1	2.00
Zinc			194	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Notes for York Project No. 06050763

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: 
Robert Q. Bradley
Managing Director

Date: 6/1/2006

YORK

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Q00507163

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	
Ecosystems Strategies, Inc.	Richard	Brenda	MH04055.41	RA Hooker Samples Collected by (signature) Richard Hooker Name (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-1 0-4"	5/18/06		X			HOLD	8oz glass jar
	MW-1 20-24"	↓		↓			↓	↓
	MW-1 4-6'							
	MW-1 8-12'							
	MW-2 2"-6"							
	MW-2 4'-5'							
	MW-3 8'-8'							
	MW-3 3'-4'							
	MW-4 2"-8"							
	MW-4 4'-6'	↓		↓			↓	↓

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	C Nash	5/22/06 1200	[signature]	5/22 1115
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	Samples received in LAB by	5/22 Date/Time 4.0
		Samples Relinquished by	Date/Time		

Comments/Special Instructions

4.4°C

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

_____ STANDARD _____ RUSH(Define)_____

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Q00505763

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
Ecosystems Strategies, Inc.	Richard	Brenda	MH04055, 41	Richard Hooker

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-5 6"-24"	5/18/06		X			HOLD	8oz Glass Jar
	MW-5 4'-8'	5/18/06					HOLD	
	B-1 0-4'	5/19/06					TAL METALS	
	B-1 4-8'						HOLD	
	B-1 8-12'						HOLD	
	B-2 1-2'						TAL METALS, VOCs, SVOCs, Pesticides/PCBs	4oz Glass Jar
	B-2 4-8'						HOLD	8oz glass Jar
	B-2 2-4'						HOLD	4oz glass jar
	B-3 0-3'						TAL METALS	8oz glass jar
	B-4 0-2'	X		X			TAL METALS	8oz glass jar

Chain-of-Custody Record			
Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by: Q. M. h.	Date/Time: 5/22/06 1:20
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time
		Samples received in LAB by	Date/Time: 5/22 1:15 / 5/22 4:40

Comments/Special Instructions

4.4°C

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

_____ STANDARD _____ RUSH(Define)_____

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

0606907163.

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
Ecosystems Strategies, Inc.	Richard	Brenda	MA104SS.41	RA Hooker / Richard Hooker

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	BS-0-4'	5/19/06		X			TAL METALS	8oz glass jar
	BS-4'-5'	"		X			HOLD	"
	B6-0-4'	"		X			TAL METALS	"
	B6-4'-8'	"		X			HOLD	"

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	C Nich	5/22/06 1200
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time
		Samples Relinquished by	Date/Time
		Samples received by	5/22 1115
		Samples received in LAB by	5/22 1115 Date/Time

Comments/Special Instructions

4/4 °C

Turn-Around Time Requested- Specify Date Expected
if RUSH Requested: DATE DUE FOR RUSH:

_____ STANDARD _____ RUSH(Define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 6/7/2006
Re: Client Project ID: MH04055.41
York Project No.: 06050763 Addendum

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 6/7/2006
Client Project ID: MH04055.41
York Project No.: 06050763 Addendum

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/22/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			B-1 4-8'		B-1 8-12'	
York Sample ID			06050763-14		06050763-15	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			12300	1.00	8170	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic			9.87	1.00	9.63	1.00
Barium			90.1	1.00	64.0	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			43500	2.00	55900	2.00
Chromium			12.6	0.500	11.8	0.500
Cobalt			5.40	1.00	6.80	1.00
Copper			20.2	1.00	21.8	1.00
Iron			14800	1.00	15200	1.00
Lead			27.0	1.00	19.0	1.00
Magnesium			22400	2.00	4680	2.00
Manganese			855	1.00	295	1.00
Nickel			13.3	1.00	14.6	1.00
Potassium			1020	3.00	707	3.00

YORK

Client Sample ID			B-1 4-8'		B-1 8-12'	
York Sample ID			06050763-14		06050763-15	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			576	5.00	192	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			19.1	2.00	16.8	2.00
Zinc			53.0	2.00	54.4	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			B-2 4-8'		B-2 2-4'	
York Sample ID			06050763-17		06050763-18	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			9550	1.00	13900	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic			8.05	1.00	12.1	1.00
Barium			82.5	1.00	174	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			1860	2.00	13600	2.00
Chromium			13.1	0.500	19.6	0.500
Cobalt			10.5	1.00	11.7	1.00
Copper			27.3	1.00	35.3	1.00
Iron			19300	1.00	26900	1.00
Lead			13.0	1.00	144	1.00
Magnesium			3740	2.00	5600	2.00
Manganese			458	1.00	931	1.00
Nickel			16.0	1.00	20.4	1.00
Potassium			444	3.00	1650	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			59.5	5.00	200	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			16.3	2.00	24.6	2.00
Zinc			54.6	2.00	151	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			B-5 4-5'		B-6 4-8'	
York Sample ID			06050763-22		06050763-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			7380	1.00	5040	1.00
Antimony			Not detected	1.00	Not detected	1.00
Arsenic			11.4	1.00	5.88	1.00
Barium			108	1.00	29.4	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500

YORK

Client Sample ID			B-5 4-5'		B-6 4-8'	
York Sample ID			06050763-22		06050763-24	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Calcium			31900	2.00	7270	2.00
Chromium			62.5	0.500	6.75	0.500
Cobalt			6.05	1.00	5.51	1.00
Copper			33.3	1.00	13.3	1.00
Iron			20200	1.00	8790	1.00
Lead			151	1.00	32.1	1.00
Magnesium			4210	2.00	2720	2.00
Manganese			361	1.00	137	1.00
Nickel			32.7	1.00	11.1	1.00
Potassium			906	3.00	398	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			3.61	1.00	Not detected	1.00
Sodium			468	5.00	60.4	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			20.7	2.00	14.4	2.00
Zinc			136	2.00	33.2	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050763 A

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/7/2006

YORK

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, New York 12603-2332
Environmental Services and Solutions
TEL: 845-452-1658 • FAX: 845-485-7081 •
mail@ecosystemsstrategies.com

TRANSMITTAL COVER SHEET

DATE: May 26, 2006 **PAGES:** 6 (including cover sheet)

TO: Phil Murphy -York Analytical Labs

FAX: 203-357-0166 **PHONE:** 203-325-1371

FROM: Richard Hooker

RE: Modifications to Chain-of-Custody Record
Project ID/No. MH04055.41

COMMENTS:

Phil,

163.

Per our phone conversation I am attaching revisions to two COCs for the above project.

The first batch of samples were collected on May 18, 2006. Six samples: B-1 (4'-8'), B-1 (8'-10'), B-2 (2'-4'), B-2 (4'-8'), B-5 (4'-5') and B-6 (4'-8') had been placed on "Hold". Per the revised COC please analyze these samples for TAL Metals. One sample: B-4 (0-2') was to be analyzed for TAL Metals. Please do not perform this analysis and place the sample on "Hold".

Phil Thx

The second batch of samples were collected on May 24, 2006 and sent overnight in a cooler on May 25, 2006. Revised COCs are attached.

Please confirm receipt of this fax.

Thank you.

Hard copy to follow:

☐	U.S. Mail	☐	Priority Mail	☐	Express Mail
☐	Federal Express	☐	Airborne Express	♦	None

cc: File

5/30/06 6:30AM

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
Ecosystems Strategies, Inc.	Richard	Brenda	MH04055.41	Richard Hooker (Name printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-1 0-4"	5/18/06		X			HOLD	8oz glass jar
	MW-1 20-24"							
	MW-1 4-6'							
	MW-1 8-12'							
	MW-2 2"-6"							
	MW-2 4'-5'							
	MW-3 8'-8'							
	MW-3 3'-4'							
	MW-4 2"-8"							
	MW-4 4'-6'							

Chain-of-Custody Record					
Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	Date/Time	Samples received by	Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	Samples received in LAB by	Date/Time
			5/22/06 1200		5/22 1115

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected
if RUSH Requested: DATE DUE FOR RUSH:

STANDARD RUSH(Define)

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
Ecosystems Strategies, Inc.	Richard	Brenda	MH04055, 41	Richard Hooker

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-5 6"-24"	5/18/06		X			~~HOLD~~ HOLD ~~TAL METALS~~	8oz Glass Jar
	MW-5 4'-8'	5/18/06					~~HOLD~~ HOLD ~~TAL METALS~~	
	B-1 0-4'	5/19/06					TAL METALS	
	B-1 4-8'						~~HOLD~~ TAL METALS	
	B-1 8-12'						~~HOLD~~ TAL METALS	
	B-2 1-2'						TAL METALS, VOCs, SVOCs, Pesticides/PCBs	8oz Glass Jar
	B-2 4-8'						~~HOLD~~ TAL METALS	8oz glass Jar
	B-2 2-4'						~~HOLD~~ TAL METALS	4oz glass jar
	B-3 0-3'						TAL METALS	8oz glass jar
	B-4 0-2'	X		^			~~TAL METALS~~ HOLD	8oz glass jar

Chain-of-Custody Record

	Date/Time		Date/Time
Bottles Relinquished from Lab by		Samples Relinquished by	5/22/06 1200
Bottles received in field by		Samples Relinquished by	
Samples received by	5/22 115	Samples received in LAB by	

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

STANDARD RUSH(Define)

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YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0486

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
Ecosystems Strategies, Inc.	Richard	Brenda	MA104055.41	Richard Hooker

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	BS-0-4'	5/19/06		X			TAL METALS	8oz glass jar
	BS-4'-5'						~~HOLD~~ TAL METALS	
	B6-0-4'						TAL METALS	
	B6-4'-8'			X			~~HOLD~~ TAL METALS	

Chain-of-Custody Record

	Date/Time		Date/Time		Date/Time
Bottles Relinquished from Lab by		Samples Relinquished by	5/22/06 12:00	Samples received by	5/22 1:15
Bottles received in field by		Samples Relinquished by		Samples received in LAB by	

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

STANDARD RUSH(Define)

PAGE 04 05/26/2006 12:31 4857083

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 6/12/2006
Re: Client Project ID: MH04055.41
York Project No.: 06050917

CT License No. PH-0723 New York License No. 10854

Report Date: 6/12/2006
Client Project ID: MH04055.41
York Project No.: 06050917

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/26/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			B-7 (0-4')		B-7 (4-8')	
York Sample ID			06050917-01		06050917-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---	---	---
4,4'-DDD			Not detected	16.0	Not detected	16.0
4,4'-DDE			Not detected	16.0	Not detected	16.0
4,4'-DDT			Not detected	16.0	Not detected	16.0
Aldrin			Not detected	8.00	Not detected	8.00
alpha-BHC			Not detected	8.00	Not detected	8.00
beta-BHC			Not detected	8.00	Not detected	8.00
Chlordane			Not detected	20.0	Not detected	20.0
delta-BHC			Not detected	8.00	Not detected	8.00
Dieldrin			Not detected	3.30	Not detected	3.30
Endosulfan I			Not detected	8.00	Not detected	8.00
Endosulfan II			Not detected	16.0	Not detected	16.0
Endosulfan sulfate			Not detected	16.0	Not detected	16.0
Endrin			Not detected	16.0	Not detected	16.0
Endrin aldehyde			Not detected	16.0	Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00	Not detected	8.00
Heptachlor			Not detected	8.00	Not detected	8.00

YORK

Client Sample ID			B-7 (0-4')		B-7 (4-8')	
York Sample ID			06050917-01		06050917-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Heptachlor epoxide			Not detected	8.00	Not detected	8.00
Methoxychlor			Not detected	80.0	Not detected	80.0
Toxaphene			Not detected	200	Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,1-Trichloroethane			Not detected	10	Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10	Not detected	10
1,1,2-Trichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethane			Not detected	10	Not detected	10
1,1-Dichloroethylene			Not detected	10	Not detected	10
1,1-Dichloropropylene			Not detected	10	Not detected	10
1,2,3-Trichlorobenzene			Not detected	10	Not detected	10
1,2,3-Trichloropropane			Not detected	10	Not detected	10
1,2,3-Trimethylbenzene			Not detected	10	Not detected	10
1,2,4-Trichlorobenzene			Not detected	10	Not detected	10
1,2,4-Trimethylbenzene			Not detected	10	Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10	Not detected	10
1,2-Dibromoethane			Not detected	10	Not detected	10
1,2-Dichlorobenzene			Not detected	10	Not detected	10
1,2-Dichloroethane			Not detected	10	Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10	Not detected	10
1,2-Dichloropropane			Not detected	10	Not detected	10
1,3,5-Trimethylbenzene			Not detected	10	Not detected	10
1,3-Dichlorobenzene			Not detected	10	Not detected	10
1,3-Dichloropropane			Not detected	10	Not detected	10
1,4-Dichlorobenzene			Not detected	10	Not detected	10
1-Chlorohexane			Not detected	10	Not detected	10
2,2-Dichloropropane			Not detected	10	Not detected	10
2-Chlorotoluene			Not detected	10	Not detected	10
4-Chlorotoluene			Not detected	10	Not detected	10
Benzene			Not detected	10	Not detected	10
Bromobenzene			Not detected	10	Not detected	10
Bromochloromethane			Not detected	10	Not detected	10
Bromodichloromethane			Not detected	10	Not detected	10
Bromoform			Not detected	10	Not detected	10
Bromomethane			Not detected	10	Not detected	10
Carbon tetrachloride			Not detected	10	Not detected	10
Chlorobenzene			Not detected	10	Not detected	10
Chloroethane			Not detected	10	Not detected	10
Chloroform			Not detected	10	Not detected	10
Chloromethane			Not detected	10	Not detected	10
cis-1,3-Dichloropropylene			Not detected	10	Not detected	10
Dibromochloromethane			Not detected	10	Not detected	10
Dibromomethane			Not detected	10	Not detected	10
Dichlorodifluoromethane			Not detected	10	Not detected	10
Ethylbenzene			Not detected	10	Not detected	10
Hexachlorobutadiene			Not detected	10	Not detected	10
Isopropylbenzene			Not detected	10	Not detected	10
Methylene chloride			Not detected	10	Not detected	10
MTBE			Not detected	10	Not detected	10
Naphthalene			Not detected	10	Not detected	10

YORK

Client Sample ID			B-7 (0-4')		B-7 (4-8')	
York Sample ID			06050917-01		06050917-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Butylbenzene			Not detected	10	Not detected	10
n-Propylbenzene			Not detected	10	Not detected	10
o-Xylene			Not detected	10	Not detected	10
p- & m-Xylenes			Not detected	10	Not detected	10
p-Isopropyltoluene			Not detected	10	Not detected	10
sec-Butylbenzene			Not detected	10	Not detected	10
Styrene			Not detected	10	Not detected	10
tert-Butylbenzene			Not detected	10	Not detected	10
Tetrachloroethylene			Not detected	10	Not detected	10
Toluene			Not detected	10	Not detected	10
trans-1,3-Dichloropropylene			Not detected	10	Not detected	10
Trichloroethylene			Not detected	10	Not detected	10
Trichlorofluoromethane			Not detected	10	Not detected	10
Vinyl chloride			Not detected	10	Not detected	10
BNA-8270 List	SW846-8270C	ug/Kg	---	---	---	---
1,2,4-Trichlorobenzene			Not detected	165	Not detected	165
1,2-Dichlorobenzene			Not detected	165	Not detected	165
1,3-Dichlorobenzene			Not detected	165	Not detected	165
1,4-Dichlorobenzene			Not detected	165	Not detected	165
2,4,5-Trichlorophenol			Not detected	165	Not detected	165
2,4,6-Trichlorophenol			Not detected	165	Not detected	165
2,4-Dichlorophenol			Not detected	165	Not detected	165
2,4-Dimethylphenol			Not detected	165	Not detected	165
2,4-Dinitrophenol			Not detected	165	Not detected	165
2,4-Dinitrotoluene			Not detected	165	Not detected	165
2,6-Dinitrotoluene			Not detected	165	Not detected	165
2-Chloronaphthalene			Not detected	165	Not detected	165
2-Chlorophenol			Not detected	165	Not detected	165
2-Methylnaphthalene			Not detected	165	Not detected	165
2-Methylphenol			Not detected	165	Not detected	165
2-Nitroaniline			Not detected	165	Not detected	165
2-Nitrophenol			Not detected	165	Not detected	165
3,3'-Dichlorobenzidine			Not detected	165	Not detected	165
3-Methylphenol			Not detected	165	Not detected	165
3-Nitroaniline			Not detected	165	Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165	Not detected	165
4-Bromophenyl phenyl ether			Not detected	165	Not detected	165
4-Chloro-3-methyl phenol			Not detected	165	Not detected	165
4-Chloroaniline			Not detected	165	Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165	Not detected	165
4-Methylphenol			Not detected	165	Not detected	165
4-Nitroaniline			Not detected	165	Not detected	165
4-Nitrophenol			Not detected	165	Not detected	165
Acenaphthene			Not detected	165	Not detected	165
Acenaphthylene			Not detected	165	Not detected	165
Aniline			Not detected	165	Not detected	165
Anthracene			Not detected	165	Not detected	165
Benzidine			Not detected	165	Not detected	165
Benzo(a)anthracene			Not detected	165	Not detected	165
Benzo(a)pyrene			Not detected	165	Not detected	165
Benzo(b)fluoranthene			Not detected	165	Not detected	165

YORK

Client Sample ID			B-7 (0-4')		B-7 (4-8')	
York Sample ID			06050917-01		06050917-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo(g,h,i)perylene			Not detected	165	Not detected	165
Benzo(k)fluoranthene			Not detected	165	Not detected	165
Benzyl alcohol			Not detected	165	Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165	Not detected	165
Bis(2-chloroethyl)ether			Not detected	165	Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165	Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165	Not detected	165
Butyl benzyl phthalate			Not detected	165	Not detected	165
Chrysene			Not detected	165	Not detected	165
Dibenz(a,h)anthracene			Not detected	165	Not detected	165
Dibenzofuran			Not detected	165	Not detected	165
Diethylphthalate			Not detected	165	Not detected	165
Dimethylphthalate			Not detected	165	Not detected	165
Di-n-butylphthalate			Not detected	165	Not detected	165
Di-n-octylphthalate			Not detected	165	Not detected	165
Fluoranthene			Not detected	165	Not detected	165
Fluorene			Not detected	165	Not detected	165
Hexachlorobenzene			Not detected	165	Not detected	165
Hexachlorobutadiene			Not detected	165	Not detected	165
Hexachlorocyclopentadiene			Not detected	165	Not detected	165
Hexachloroethane			Not detected	165	Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165	Not detected	165
Isophorone			Not detected	165	Not detected	165
Naphthalene			Not detected	165	Not detected	165
Nitrobenzene			Not detected	165	Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165	Not detected	165
N-Nitrosodiphenylamine			Not detected	165	Not detected	165
Pentachlorophenol			Not detected	165	Not detected	165
Phenanthrene			Not detected	165	Not detected	165
Phenol			Not detected	165	Not detected	165
Pyrene			Not detected	165	Not detected	165
Pyridine			Not detected	165	Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---	---	---
PCB 1016			Not detected	0.017	Not detected	0.017
PCB 1221			Not detected	0.017	Not detected	0.017
PCB 1232			Not detected	0.017	Not detected	0.017
PCB 1242			Not detected	0.017	Not detected	0.017
PCB 1248			Not detected	0.017	Not detected	0.017
PCB 1254			Not detected	0.017	Not detected	0.017
PCB 1260			Not detected	0.017	Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			11700	1.00	9190	1.00
Antimony			4.85	1.00	4.40	1.00
Arsenic			7.13	1.00	6.82	1.00
Barium			189	1.00	82.8	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			0.56	0.500	Not detected	0.500
Calcium			97200	2.00	20500	2.00
Chromium			17.7	0.500	13.1	0.500
Cobalt			7.52	1.00	10.4	1.00
Copper			37.8	1.00	27.6	1.00

YORK

Client Sample ID			B-7 (0-4')		B-7 (4-8')	
York Sample ID			06050917-01		06050917-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Iron			18900	1.00	17100	1.00
Lead			142	1.00	63.8	1.00
Magnesium			14300	2.00	5910	2.00
Manganese			702	1.00	287	1.00
Nickel			25.9	1.00	19.3	1.00
Potassium			1440	3.00	943	3.00
Selenium			1.04	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			715	5.00	420	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			24.1	2.00	17.0	2.00
Zinc			256	2.00	90.6	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			B-8 (0-4')	
York Sample ID			06050917-03	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			4790	1.00
Antimony			14.2	1.00
Arsenic			16.6	1.00
Barium			466	1.00
Beryllium			Not detected	0.500
Cadmium			3.99	0.500
Calcium			24100	2.00
Chromium			24.9	0.500
Cobalt			6.91	1.00
Copper			124	1.00
Iron			60100	1.00
Lead			559	1.00
Magnesium			1850	2.00
Manganese			416	1.00
Nickel			12.0	1.00
Potassium			675	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			1610	5.00
Thallium			Not detected	1.00
Vanadium			19.9	2.00
Zinc			1330	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

YORK

Client Sample ID			B-8 (4-8')	
York Sample ID			06050917-04	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10

YORK

Client Sample ID			B-8 (4-8')	
York Sample ID			06050917-04	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	165
1,2-Dichlorobenzene			Not detected	165
1,3-Dichlorobenzene			Not detected	165
1,4-Dichlorobenzene			Not detected	165
2,4,5-Trichlorophenol			Not detected	165
2,4,6-Trichlorophenol			Not detected	165
2,4-Dichlorophenol			Not detected	165
2,4-Dimethylphenol			Not detected	165
2,4-Dinitrophenol			Not detected	165
2,4-Dinitrotoluene			Not detected	165
2,6-Dinitrotoluene			Not detected	165
2-Chloronaphthalene			Not detected	165
2-Chlorophenol			Not detected	165
2-Methylnaphthalene			Not detected	165
2-Methylphenol			Not detected	165
2-Nitroaniline			Not detected	165
2-Nitrophenol			Not detected	165
3,3'-Dichlorobenzidine			Not detected	165

YORK

Client Sample ID			B-8 (4-8')	
York Sample ID			06050917-04	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
3-Methylphenol			Not detected	165
3-Nitroaniline			Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165
4-Bromophenyl phenyl ether			Not detected	165
4-Chloro-3-methyl phenol			Not detected	165
4-Chloroaniline			Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165
4-Methylphenol			Not detected	165
4-Nitroaniline			Not detected	165
4-Nitrophenol			Not detected	165
Acenaphthene			Not detected	165
Acenaphthylene			Not detected	165
Aniline			Not detected	165
Anthracene			Not detected	165
Benzidine			Not detected	165
Benzo(a)anthracene			Not detected	165
Benzo(a)pyrene			Not detected	165
Benzo(b)fluoranthene			Not detected	165
Benzo(g,h,i)perylene			Not detected	165
Benzo(k)fluoranthene			Not detected	165
Benzyl alcohol			Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165
Bis(2-chloroethyl)ether			Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165
Butyl benzyl phthalate			Not detected	165
Chrysene			Not detected	165
Dibenz(a,h)anthracene			Not detected	165
Dibenzofuran			Not detected	165
Diethylphthalate			Not detected	165
Dimethylphthalate			Not detected	165
Di-n-butylphthalate			Not detected	165
Di-n-octylphthalate			Not detected	165
Fluoranthene			Not detected	165
Fluorene			Not detected	165
Hexachlorobenzene			Not detected	165
Hexachlorobutadiene			Not detected	165
Hexachlorocyclopentadiene			Not detected	165
Hexachloroethane			Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165
Isophorone			Not detected	165
Naphthalene			Not detected	165
Nitrobenzene			Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165
N-Nitrosodiphenylamine			Not detected	165
Pentachlorophenol			Not detected	165
Phenanthrene			Not detected	165
Phenol			Not detected	165
Pyrene			Not detected	165
Pyridine			Not detected	165

YORK

Client Sample ID			B-8 (4-8')	
York Sample ID			06050917-04	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.850
PCB 1221			Not detected	0.850
PCB 1232			Not detected	0.850
PCB 1242			Not detected	0.850
PCB 1248			Not detected	0.850
PCB 1254			21.6	0.850
PCB 1260			Not detected	0.850
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			7090	1.00
Antimony			3.97	1.00
Arsenic			3.50	1.00
Barium			30.1	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium			20400	2.00
Chromium			11.2	0.500
Cobalt			7.75	1.00
Copper			26.8	1.00
Iron			16200	1.00
Lead			10.5	1.00
Magnesium			6470	2.00
Manganese			367	1.00
Nickel			18.5	1.00
Potassium			755	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			437	5.00
Thallium			Not detected	1.00
Vanadium			12.7	2.00
Zinc			75.4	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			B-9 (0-4')		B-9 (4-8')	
York Sample ID			06050917-05		06050917-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			6920	1.00	4010	1.00
Antimony			5.06	1.00	2.93	1.00
Arsenic			12.0	1.00	10.7	1.00
Barium			540	1.00	85.5	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			1.28	0.500	Not detected	0.500
Calcium			36200	2.00	13300	2.00
Chromium			16.2	0.500	5.50	0.500
Cobalt			9.01	1.00	5.07	1.00
Copper			240	1.00	25.3	1.00
Iron			35000	1.00	8790	1.00

YORK

Client Sample ID			B-9 (0-4')		B-9 (4-8')	
York Sample ID			06050917-05		06050917-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			1030	1.00	88.7	1.00
Magnesium			2470	2.00	1420	2.00
Manganese			530	1.00	159	1.00
Nickel			66.2	1.00	12.7	1.00
Potassium			829	3.00	514	3.00
Selenium			Not detected	1.00	1.06	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			891	5.00	452	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			21.6	2.00	12.5	2.00
Zinc			613	2.00	82.2	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			B-11 (0-4')		B-11 (4-8')	
York Sample ID			06050917-07		06050917-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			2160	1.00	9160	1.00
Antimony			3.84	1.00	3.43	1.00
Arsenic			12.8	1.00	3.91	1.00
Barium			43.8	1.00	62.9	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			20200	2.00	8750	2.00
Chromium			3.53	0.500	12.5	0.500
Cobalt			6.28	1.00	9.83	1.00
Copper			32.8	1.00	23.6	1.00
Iron			6760	1.00	16100	1.00
Lead			42.9	1.00	15.9	1.00
Magnesium			612	2.00	4950	2.00
Manganese			61.6	1.00	346	1.00
Nickel			11.2	1.00	19.5	1.00
Potassium			209	3.00	864	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			393	5.00	376	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			12.6	2.00	16.1	2.00
Zinc			126	2.00	70.3	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

YORK

Client Sample ID			TP-1 (0-4in)	
York Sample ID			06050917-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10

YORK

Client Sample ID			TP-1 (0-4in)	
York Sample ID			06050917-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	330
1,2-Dichlorobenzene			Not detected	330
1,3-Dichlorobenzene			Not detected	330
1,4-Dichlorobenzene			Not detected	330
2,4,5-Trichlorophenol			Not detected	330
2,4,6-Trichlorophenol			Not detected	330
2,4-Dichlorophenol			Not detected	330
2,4-Dimethylphenol			Not detected	330
2,4-Dinitrophenol			Not detected	330
2,4-Dinitrotoluene			Not detected	330
2,6-Dinitrotoluene			Not detected	330
2-Chloronaphthalene			Not detected	330
2-Chlorophenol			Not detected	330
2-Methylnaphthalene			Not detected	330
2-Methylphenol			Not detected	330
2-Nitroaniline			Not detected	330
2-Nitrophenol			Not detected	330
3,3'-Dichlorobenzidine			Not detected	330

YORK

Client Sample ID			TP-1 (0-4in)	
York Sample ID			06050917-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
3-Methylphenol			Not detected	330
3-Nitroaniline			Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	330
4-Bromophenyl phenyl ether			Not detected	330
4-Chloro-3-methyl phenol			Not detected	330
4-Chloroaniline			Not detected	330
4-Chlorophenyl phenyl ether			Not detected	330
4-Methylphenol			Not detected	330
4-Nitroaniline			Not detected	330
4-Nitrophenol			Not detected	330
Acenaphthene			Not detected	330
Acenaphthylene			Not detected	330
Aniline			Not detected	330
Anthracene			Not detected	330
Benzidine			Not detected	330
Benzo(a)anthracene			730	330
Benzo(a)pyrene			780	330
Benzo(b)fluoranthene			810	330
Benzo(g,h,i)perylene			Not detected	330
Benzo(k)fluoranthene			720	330
Benzyl alcohol			Not detected	330
Bis(2-chloroethoxy)methane			Not detected	330
Bis(2-chloroethyl)ether			Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	330
Bis(2-ethylhexyl)phthalate			Not detected	330
Butyl benzyl phthalate			Not detected	330
Chrysene			750	330
Dibenz(a,h)anthracene			Not detected	330
Dibenzofuran			Not detected	330
Diethylphthalate			Not detected	330
Dimethylphthalate			Not detected	330
Di-n-butylphthalate			Not detected	330
Di-n-octylphthalate			Not detected	330
Fluoranthene			1500	330
Fluorene			Not detected	330
Hexachlorobenzene			Not detected	330
Hexachlorobutadiene			Not detected	330
Hexachlorocyclopentadiene			Not detected	330
Hexachloroethane			Not detected	330
Indeno(1,2,3-cd)pyrene			350	330
Isophorone			Not detected	330
Naphthalene			Not detected	330
Nitrobenzene			Not detected	330
N-Nitrosodi-n-propylamine			Not detected	330
N-Nitrosodiphenylamine			Not detected	330
Pentachlorophenol			Not detected	330
Phenanthrene			840	330
Phenol			Not detected	330
Pyrene			1200	330
Pyridine			Not detected	330

YORK

Client Sample ID			TP-1 (0-4in)	
York Sample ID			06050917-09	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			9430	1.00
Antimony			6.73	1.00
Arsenic			11.8	1.00
Barium			210	1.00
Beryllium			Not detected	0.500
Cadmium			1.47	0.500
Calcium			33300	2.00
Chromium			19.1	0.500
Cobalt			8.75	1.00
Copper			78.5	1.00
Iron			21400	1.00
Lead			407	1.00
Magnesium			4960	2.00
Manganese			486	1.00
Nickel			20.4	1.00
Potassium			1410	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			916	5.00
Thallium			Not detected	1.00
Vanadium			20.7	2.00
Zinc			654	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			TP-2 (4-5')		TP-3 (6')	
York Sample ID			06050917-10		06050917-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			2630	1.00	19500	1.00
Antimony			1.23	1.00	8.16	1.00
Arsenic			1.42	1.00	7.79	1.00
Barium			38.8	1.00	166	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			Not detected	0.500	Not detected	0.500
Calcium			2930	2.00	18900	2.00
Chromium			3.51	0.500	22.6	0.500
Cobalt			3.11	1.00	14.1	1.00
Copper			28.7	1.00	28.2	1.00
Iron			3430	1.00	30200	1.00

YORK

Client Sample ID			TP-2 (4-5')		TP-3 (6')	
York Sample ID			06050917-10		06050917-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead			93.6	1.00	12.6	1.00
Magnesium			529	2.00	8800	2.00
Manganese			31.8	1.00	551	1.00
Nickel			8.78	1.00	31.8	1.00
Potassium			238	3.00	2960	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00
Sodium			314	5.00	553	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			10.2	2.00	30.6	2.00
Zinc			56.3	2.00	88.7	2.00
Mercury	SW846-7471	mg/kG	0.21	0.10	Not detected	0.10

Client Sample ID			TP-4 (5.5')	
York Sample ID			06050917-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10

YORK

Client Sample ID			TP-4 (5.5')	
York Sample ID			06050917-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10

YORK

Client Sample ID			TP-4 (5.5')	
York Sample ID			06050917-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	330
1,2-Dichlorobenzene			Not detected	330
1,3-Dichlorobenzene			Not detected	330
1,4-Dichlorobenzene			Not detected	330
2,4,5-Trichlorophenol			Not detected	330
2,4,6-Trichlorophenol			Not detected	330
2,4-Dichlorophenol			Not detected	330
2,4-Dimethylphenol			Not detected	330
2,4-Dinitrophenol			Not detected	330
2,4-Dinitrotoluene			Not detected	330
2,6-Dinitrotoluene			Not detected	330
2-Chloronaphthalene			Not detected	330
2-Chlorophenol			Not detected	330
2-Methylnaphthalene			Not detected	330
2-Methylphenol			Not detected	330
2-Nitroaniline			Not detected	330
2-Nitrophenol			Not detected	330
3,3'-Dichlorobenzidine			Not detected	330
3-Methylphenol			Not detected	330
3-Nitroaniline			Not detected	330
4,6-Dinitro-2-methylphenol			Not detected	330
4-Bromophenyl phenyl ether			Not detected	330
4-Chloro-3-methyl phenol			Not detected	330
4-Chloroaniline			Not detected	330
4-Chlorophenyl phenyl ether			Not detected	330
4-Methylphenol			Not detected	330
4-Nitroaniline			Not detected	330
4-Nitrophenol			Not detected	330
Acenaphthene			Not detected	330
Acenaphthylene			Not detected	330
Aniline			Not detected	330
Anthracene			Not detected	330
Benzidine			Not detected	330
Benzo(a)anthracene			450	330
Benzo(a)pyrene			410	330
Benzo(b)fluoranthene			460	330
Benzo(g,h,i)perylene			Not detected	330
Benzo(k)fluoranthene			400	330
Benzyl alcohol			Not detected	330
Bis(2-chloroethoxy)methane			Not detected	330
Bis(2-chloroethyl)ether			Not detected	330
Bis(2-chloroisopropyl)ether			Not detected	330
Bis(2-ethylhexyl)phthalate			Not detected	330
Butyl benzyl phthalate			Not detected	330
Chrysene			460	330
Dibenz(a,h)anthracene			Not detected	330
Dibenzofuran			Not detected	330
Diethylphthalate			Not detected	330
Dimethylphthalate			Not detected	330
Di-n-butylphthalate			Not detected	330

YORK

Client Sample ID			TP-4 (5.5')	
York Sample ID			06050917-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Di-n-octylphthalate			Not detected	330
Fluoranthene			860	330
Fluorene			Not detected	330
Hexachlorobenzene			Not detected	330
Hexachlorobutadiene			Not detected	330
Hexachlorocyclopentadiene			Not detected	330
Hexachloroethane			Not detected	330
Indeno(1,2,3-cd)pyrene			Not detected	330
Isophorone			Not detected	330
Naphthalene			Not detected	330
Nitrobenzene			Not detected	330
N-Nitrosodi-n-propylamine			Not detected	330
N-Nitrosodiphenylamine			Not detected	330
Pentachlorophenol			Not detected	330
Phenanthrene			490	330
Phenol			Not detected	330
Pyrene			740	330
Pyridine			Not detected	330
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			0.02	0.017
PCB 1260			Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			6430	1.00
Antimony			6.47	1.00
Arsenic			14.1	1.00
Barium			279	1.00
Beryllium			Not detected	0.500
Cadmium			1.09	0.500
Calcium			20800	2.00
Chromium			17.7	0.500
Cobalt			7.71	1.00
Copper			87.3	1.00
Iron			24700	1.00
Lead			1080	1.00
Magnesium			2700	2.00
Manganese			378	1.00
Nickel			17.9	1.00
Potassium			627	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			791	5.00
Thallium			Not detected	1.00
Vanadium			22.1	2.00
Zinc			464	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

YORK

Client Sample ID			TP-5 (5.5')	
York Sample ID			06050917-14	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			7800	1.00
Antimony			32.7	1.00
Arsenic			23.5	1.00
Barium			459	1.00
Beryllium			Not detected	0.500
Cadmium			1.80	0.500
Calcium			4190	2.00
Chromium			22.6	0.500
Cobalt			13.4	1.00
Copper			142	1.00
Iron			36000	1.00
Lead			2540	1.00
Magnesium			2600	2.00
Manganese			710	1.00
Nickel			13.7	1.00
Potassium			632	3.00
Selenium			Not detected	1.00
Silver			1.28	1.00
Sodium			343	5.00
Thallium			Not detected	1.00
Vanadium			22.9	2.00
Zinc			996	2.00
Mercury	SW846-7471	mg/kG	0.78	0.10

Client Sample ID			TP-6 (6')	
York Sample ID			06050917-15	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	25
1,1,1-Trichloroethane			Not detected	25
1,1,2,2-Tetrachloroethane			Not detected	25
1,1,2-Trichloroethane			Not detected	25
1,1-Dichloroethane			Not detected	25
1,1-Dichloroethylene			Not detected	25
1,1-Dichloropropylene			Not detected	25
1,2,3-Trichlorobenzene			Not detected	25
1,2,3-Trichloropropane			Not detected	25
1,2,3-Trimethylbenzene			Not detected	25
1,2,4-Trichlorobenzene			Not detected	25
1,2,4-Trimethylbenzene			Not detected	25
1,2-Dibromo-3-chloropropane			Not detected	25
1,2-Dibromoethane			Not detected	25
1,2-Dichlorobenzene			Not detected	25
1,2-Dichloroethane			Not detected	25
1,2-Dichloroethylene (Total)			Not detected	25
1,2-Dichloropropane			Not detected	25

YORK

Client Sample ID			TP-6 (6')	
York Sample ID			06050917-15	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,3,5-Trimethylbenzene			Not detected	25
1,3-Dichlorobenzene			Not detected	25
1,3-Dichloropropane			Not detected	25
1,4-Dichlorobenzene			Not detected	25
1-Chlorohexane			Not detected	25
2,2-Dichloropropane			Not detected	25
2-Chlorotoluene			Not detected	25
4-Chlorotoluene			Not detected	25
Benzene			Not detected	25
Bromobenzene			Not detected	25
Bromochloromethane			Not detected	25
Bromodichloromethane			Not detected	25
Bromoform			Not detected	25
Bromomethane			Not detected	25
Carbon tetrachloride			Not detected	25
Chlorobenzene			Not detected	25
Chloroethane			Not detected	25
Chloroform			Not detected	25
Chloromethane			Not detected	25
cis-1,3-Dichloropropylene			Not detected	25
Dibromochloromethane			Not detected	25
Dibromomethane			Not detected	25
Dichlorodifluoromethane			Not detected	25
Ethylbenzene			Not detected	25
Hexachlorobutadiene			Not detected	25
Isopropylbenzene			Not detected	25
Methylene chloride			Not detected	25
MTBE			Not detected	25
Naphthalene			33	25
n-Butylbenzene			Not detected	25
n-Propylbenzene			Not detected	25
o-Xylene			Not detected	25
p- & m-Xylenes			Not detected	25
p-Isopropyltoluene			Not detected	25
sec-Butylbenzene			Not detected	25
Styrene			Not detected	25
tert-Butylbenzene			Not detected	25
Tetrachloroethylene			Not detected	25
Toluene			Not detected	25
trans-1,3-Dichloropropylene			Not detected	25
Trichloroethylene			Not detected	25
Trichlorofluoromethane			Not detected	25
Vinyl chloride			Not detected	25
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG	---	---
2-Methyl naphthalene			Not detected	825
Acenaphthene			Not detected	825
Acenaphthylene			Not detected	825
Anthracene			Not detected	825
Benzo[a]anthracene			Not detected	825
Benzo[a]pyrene			Not detected	825
Benzo[b]fluoranthene			Not detected	825

YORK

Client Sample ID			TP-6 (6')	
York Sample ID			06050917-15	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Benzo[g,h,i]perylene			Not detected	825
Benzo[k]fluoranthene			Not detected	825
Chrysene			Not detected	825
Dibenz[a,h]anthracene			Not detected	825
Fluoranthene			Not detected	825
Fluorene			Not detected	825
Indeno[1,2,3-cd]pyrene			Not detected	825
Naphthalene			Not detected	825
Phenanthrene			Not detected	825
Pyrene			Not detected	825
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			Not detected	0.017
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			5580	1.00
Antimony			Not detected	1.00
Arsenic			19.2	1.00
Barium			146	1.00
Beryllium			Not detected	0.500
Cadmium			1.09	0.500
Calcium			2350	2.00
Chromium			26.3	0.500
Cobalt			6.08	1.00
Copper			139	1.00
Iron			46700	1.00
Lead			339	1.00
Magnesium			1440	2.00
Manganese			200	1.00
Nickel			4.28	1.00
Potassium			439	3.00
Selenium			Not detected	1.00
Silver			1.77	1.00
Sodium			409	5.00
Thallium			Not detected	1.00
Vanadium			15.1	2.00
Zinc			1140	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

YORK

Client Sample ID			TP-8 (5')		TP-9 (2-6in)	
York Sample ID			06050917-16		06050917-17	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			6120	1.00	5480	1.00
Antimony			3.62	1.00	Not detected	1.00
Arsenic			24.4	1.00	17.0	1.00
Barium			615	1.00	591	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			1.98	0.500	1.23	0.500
Calcium			4790	2.00	4140	2.00
Chromium			29.3	0.500	112	0.500
Cobalt			7.92	1.00	7.97	1.00
Copper			147	1.00	198	1.00
Iron			19200	1.00	28900	1.00
Lead			1770	1.00	2820	1.00
Magnesium			1430	2.00	788	2.00
Manganese			388	1.00	220	1.00
Nickel			17.9	1.00	13.1	1.00
Potassium			419	3.00	653	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			2.16	1.00	5.78	1.00
Sodium			431	5.00	349	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			21.3	2.00	24.6	2.00
Zinc			1200	2.00	950	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10	Not detected	0.10

Client Sample ID			TP-9 (1.5')		TP-10 (2')	
York Sample ID			06050917-18		06050917-19	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---	---	---
Aluminum			1320	1.00	3910	1.00
Antimony			2.95	1.00	Not detected	1.00
Arsenic			4.85	1.00	7.27	1.00
Barium			1100	1.00	524	1.00
Beryllium			Not detected	0.500	Not detected	0.500
Cadmium			2.79	0.500	Not detected	0.500
Calcium			24200	2.00	2990	2.00
Chromium			7.10	0.500	6.47	0.500
Cobalt			1.71	1.00	7.82	1.00
Copper			26.9	1.00	44.2	1.00
Iron			3330	1.00	7360	1.00
Lead			12900	1.00	273	1.00
Magnesium			7560	2.00	245	2.00
Manganese			111	1.00	238	1.00
Nickel			5.82	1.00	17.9	1.00
Potassium			246	3.00	271	3.00
Selenium			Not detected	1.00	Not detected	1.00
Silver			Not detected	1.00	Not detected	1.00

YORK

Client Sample ID			TP-9 (1.5')		TP-10 (2')	
York Sample ID			06050917-18		06050917-19	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Sodium			366	5.00	144	5.00
Thallium			Not detected	1.00	Not detected	1.00
Vanadium			4.23	2.00	17.0	2.00
Zinc			1690	2.00	301	2.00
Mercury	SW846-7471	mg/kG	0.25	0.10	Not detected	0.10

Client Sample ID			TP-11 (0-6in)	
York Sample ID			06050917-20	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			9340	1.00
Antimony			Not detected	1.00
Arsenic			33.3	1.00
Barium			871	1.00
Beryllium			0.68	0.500
Cadmium			4.43	0.500
Calcium			10500	2.00
Chromium			34.0	0.500
Cobalt			13.1	1.00
Copper			238	1.00
Iron			42300	1.00
Lead			2460	1.00
Magnesium			2270	2.00
Manganese			675	1.00
Nickel			19.9	1.00
Potassium			953	3.00
Selenium			Not detected	1.00
Silver			1.69	1.00
Sodium			638	5.00
Thallium			Not detected	1.00
Vanadium			36.7	2.00
Zinc			1730	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			TP-12 (1')	
York Sample ID			06050917-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00

YORK

Client Sample ID			TP-12 (1')	
York Sample ID			06050917-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10

YORK

Client Sample ID			TP-12 (1')	
York Sample ID			06050917-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	165
1,2-Dichlorobenzene			Not detected	165
1,3-Dichlorobenzene			Not detected	165
1,4-Dichlorobenzene			Not detected	165
2,4,5-Trichlorophenol			Not detected	165
2,4,6-Trichlorophenol			Not detected	165
2,4-Dichlorophenol			Not detected	165
2,4-Dimethylphenol			Not detected	165
2,4-Dinitrophenol			Not detected	165
2,4-Dinitrotoluene			Not detected	165
2,6-Dinitrotoluene			Not detected	165
2-Chloronaphthalene			Not detected	165
2-Chlorophenol			Not detected	165
2-Methylnaphthalene			Not detected	165
2-Methylphenol			Not detected	165
2-Nitroaniline			Not detected	165
2-Nitrophenol			Not detected	165
3,3'-Dichlorobenzidine			Not detected	165
3-Methylphenol			Not detected	165
3-Nitroaniline			Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165
4-Bromophenyl phenyl ether			Not detected	165
4-Chloro-3-methyl phenol			Not detected	165
4-Chloroaniline			Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165
4-Methylphenol			Not detected	165
4-Nitroaniline			Not detected	165
4-Nitrophenol			Not detected	165

YORK

Client Sample ID			TP-12 (1')	
York Sample ID			06050917-21	
Matrix			SOIL	
Parameter	**Method**	**Units**	**Results**	**MDL**
Acenaphthene			Not detected	165
Acenaphthylene			Not detected	165
Aniline			Not detected	165
Anthracene			Not detected	165
Benzidine			Not detected	165
Benzo(a)anthracene			250	165
Benzo(a)pyrene			310	165
Benzo(b)fluoranthene			340	165
Benzo(g,h,i)perylene			Not detected	165
Benzo(k)fluoranthene			320	165
Benzyl alcohol			Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165
Bis(2-chloroethyl)ether			Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165
Butyl benzyl phthalate			Not detected	165
Chrysene			300	165
Dibenz(a,h)anthracene			Not detected	165
Dibenzofuran			Not detected	165
Diethylphthalate			Not detected	165
Dimethylphthalate			Not detected	165
Di-n-butylphthalate			Not detected	165
Di-n-octylphthalate			Not detected	165
Fluoranthene			510	165
Fluorene			Not detected	165
Hexachlorobenzene			Not detected	165
Hexachlorobutadiene			Not detected	165
Hexachlorocyclopentadiene			Not detected	165
Hexachloroethane			Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165
Isophorone			Not detected	165
Naphthalene			Not detected	165
Nitrobenzene			Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165
N-Nitrosodiphenylamine			Not detected	165
Pentachlorophenol			Not detected	165
Phenanthrene			310	165
Phenol			Not detected	165
Pyrene			440	165
Pyridine			Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			Not detected	0.017

YORK

Client Sample ID			TP-12 (1')	
York Sample ID			06050917-21	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			6720	1.00
Antimony			Not detected	1.00
Arsenic			17.0	1.00
Barium			255	1.00
Beryllium			Not detected	0.500
Cadmium			0.71	0.500
Calcium			25000	2.00
Chromium			15.6	0.500
Cobalt			9.08	1.00
Copper			89.2	1.00
Iron			30600	1.00
Lead			1440	1.00
Magnesium			3520	2.00
Manganese			479	1.00
Nickel			15.4	1.00
Potassium			658	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			307	5.00
Thallium			Not detected	1.00
Vanadium			25.0	2.00
Zinc			608	2.00
Mercury	SW846-7471	mg/kG	0.31	0.10

Client Sample ID			TP-13 (3')	
York Sample ID			06050917-22	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10

YORK

Client Sample ID			TP-13 (3')	
York Sample ID			06050917-22	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/kG	---	---
2-Methyl naphthalene			Not detected	165
Acenaphthene			Not detected	165
Acenaphthylene			Not detected	165
Anthracene			Not detected	165
Benzo[a]anthracene			Not detected	165
Benzo[a]pyrene			Not detected	165
Benzo[b]fluoranthene			Not detected	165
Benzo[g,h,i]perylene			Not detected	165

YORK

Client Sample ID			TP-13 (3')	
York Sample ID			06050917-22	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Benzo[k]fluoranthene			Not detected	165
Chrysene			Not detected	165
Dibenz[a,h]anthracene			Not detected	165
Fluoranthene			Not detected	165
Fluorene			Not detected	165
Indeno[1,2,3-cd]pyrene			Not detected	165
Naphthalene			Not detected	165
Phenanthrene			Not detected	165
Pyrene			Not detected	165
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			8.52	1.00
Barium, total			120	0.50
Cadmium, total			Not detected	0.50
Chromium, total			4.88	0.50
Lead, total			1440	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10

Client Sample ID			Trip Blank		Trip Blank	
York Sample ID			06050917-23		06050917-24	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0

YORK

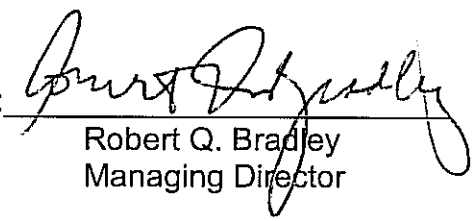
Client Sample ID			Trip Blank		Trip Blank	
York Sample ID			06050917-23		06050917-24	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
MTBE			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Notes for York Project No. 06050917

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: 

Robert Q. Bradley
Managing Director

Date: 6/12/2006

YORK

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357.0166

Field Chain-of-Custody Record

Q605917

Company Name	Report to:	Invoice to:	Project ID/No.	Samples collected by (signature)
Ecosystems Strategies, Inc	Richard Hooker	Brenda Wells	MH04055.41	Richard Hooker (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	B-7 (0-4')	5/24/2006		x			TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	8 oz Glass Jar
	B-7 (4'-8')						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	B-8 (0-4')						TAL METALS	
	B-8 (4'-8')						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	B-9 (0-4')						TAL METALS	
	B-9 (4'-8')						TAL METALS	
	B-11 (0-4')						TAL METALS	
	B-11 (4'-8')						TAL METALS	
	TP-1 (0-4")						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	TP-2 (4'-5')						TAL METALS	
	TP-3 (4'-5')						TAL METALS, PAHS, VOCS	

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by: Richard Hooker	Date/Time: 5/26/06 12:10
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time
Samples received by	Date/Time		
Samples received in LAB by	Date/Time		

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected
If RUSH Requested: DATE DUE FOR RUSH:

__X__ Standard Turnaround ____ RUSH

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

0605091 7

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
Ecosystems Strategies, Inc	Richard Hooker	Brenda Wells	MH04055.41	Richard Hooker (Name printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	TP-3 (6')	5/24/2006		x			TAL METALS	8 oz Glass Jar
	TP4 (5.5')						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	TP-5 (5.5')						TAL METALS	
	TP-6 (6')						TAL METALS, PAHS, PCBS, VOCS	
	TP-8 (5')						TAL METALS	
	TP-9 (2"-6")						TAL METALS	
	TP-9 (1.5')						TAL METALS	
	TP-10 (2')						TAL METALS	
	TP-11 (0-6")						TAL METALS	
	TP-12 (1')						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	TP-13 (3')			x			PAHS, VOCS, METALS	

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	Date/Time 17:00 5/25/06
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time
Samples received by	Date/Time		
Samples received in LAB by	Date/Time		

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected
If RUSH Requested: DATE DUE FOR RUSH:

_X_ Standard Turnaround ____ RUSH

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 6/21/2006
Re: Client Project ID: MH04055.41
York Project No.: 06050917 Addendum

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 6/21/2006
Client Project ID: MH04055.41
York Project No.: 06050917 Addendum

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/26/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			**TP-9 (1.5')**	
York Sample ID			**06050917-18**	
Matrix			**SOIL**	
Parameter	**Method**	**Units**	**Results**	**MDL**
Pesticides 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00

YORK

Client Sample ID			TP-9 (1.5')	
York Sample ID			06050917-18	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
BNA-8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	830
1,2-Dichlorobenzene			Not detected	830
1,3-Dichlorobenzene			Not detected	830
1,4-Dichlorobenzene			Not detected	830
2,4,5-Trichlorophenol			Not detected	830
2,4,6-Trichlorophenol			Not detected	830
2,4-Dichlorophenol			Not detected	830
2,4-Dimethylphenol			Not detected	830
2,4-Dinitrophenol			Not detected	830
2,4-Dinitrotoluene			Not detected	830
2,6-Dinitrotoluene			Not detected	830
2-Chloronaphthalene			Not detected	830
2-Chlorophenol			Not detected	830
2-Methylnaphthalene			Not detected	830
2-Methylphenol			Not detected	830
2-Nitroaniline			Not detected	830
2-Nitrophenol			Not detected	830
3,3'-Dichlorobenzidine			Not detected	830
3-Methylphenol			Not detected	830
3-Nitroaniline			Not detected	830
4,6-Dinitro-2-methylphenol			Not detected	830
4-Bromophenyl phenyl ether			Not detected	830
4-Chloro-3-methyl phenol			Not detected	830
4-Chloroaniline			Not detected	830
4-Chlorophenyl phenyl ether			Not detected	830
4-Methylphenol			Not detected	830
4-Nitroaniline			Not detected	830
4-Nitrophenol			Not detected	830
Acenaphthene			Not detected	830
Acenaphthylene			Not detected	830
Aniline			Not detected	830
Anthracene			Not detected	830
Benzidine			Not detected	830
Benzo(a)anthracene			1900	830
Benzo(a)pyrene			1200	830
Benzo(b)fluoranthene			1700	830
Benzo(g,h,i)perylene			Not detected	830
Benzo(k)fluoranthene			2100	830
Benzyl alcohol			Not detected	830
Bis(2-chloroethoxy)methane			Not detected	830
Bis(2-chloroethyl)ether			Not detected	830
Bis(2-chloroisopropyl)ether			Not detected	830
Bis(2-ethylhexyl)phthalate			Not detected	830
Butyl benzyl phthalate			Not detected	830
Chrysene			4200	830
Dibenz(a,h)anthracene			Not detected	830
Dibenzofuran			Not detected	830

YORK

Client Sample ID			TP-9 (1.5')	
York Sample ID			06050917-18	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Diethylphthalate			Not detected	830
Dimethylphthalate			Not detected	830
Di-n-butylphthalate			Not detected	830
Di-n-octylphthalate			Not detected	830
Fluoranthene			8800	830
Fluorene			Not detected	830
Hexachlorobenzene			Not detected	830
Hexachlorobutadiene			Not detected	830
Hexachlorocyclopentadiene			Not detected	830
Hexachloroethane			Not detected	830
Indeno(1,2,3-cd)pyrene			Not detected	830
Isophorone			Not detected	830
Naphthalene			Not detected	830
Nitrobenzene			Not detected	830
N-Nitrosodi-n-propylamine			Not detected	830
N-Nitrosodiphenylamine			Not detected	830
Pentachlorophenol			Not detected	830
Phenanthrene			8200	830
Phenol			Not detected	830
Pyrene			6200	830
Pyridine			Not detected	830
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			Not detected	0.017
TCLP Lead	SW846-1311/6010	mg/L	7.50	0.005

Client Sample ID			TP-13 (3')	
York Sample ID			06050917-22	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Metals, Target Analyte List(TAL)	SW846-6010	mg/kg	---	---
Aluminum			2230	1.00
Antimony			Not detected	1.00
Arsenic			8.52	1.00
Barium			120	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium			12500	2.00
Chromium			4.88	0.500
Cobalt			7.61	1.00
Copper			79.7	1.00
Iron			11400	1.00
Lead			1440	1.00
Magnesium			1520	2.00

YORK

Client Sample ID			TP-13 (3')	
York Sample ID			06050917-22	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Manganese			323	1.00
Nickel			14.0	1.00
Potassium			227	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			147	5.00
Thallium			Not detected	1.00
Vanadium			10.9	2.00
Zinc			156	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050917 A

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/21/2006

YORK

Ecosystems Strategies, Inc.
24 Davis Avenue, Poughkeepsie, New York 12603-2332
Environmental Services and Solutions
TEL: 845-452-1658 • FAX: 845-485-7083 •
mail@ecosystemsstrategies.com

TRANSMITTAL COVER SHEET

DATE: May 22, 2006 PAGES: 1 (including cover sheet)

TO: Phil Murphy - York Analytical Labs

FAX: 203-357-0166 PHONE: 203-325-1371

FROM: Richard Hooker

RE: Additional Analysis
Project ID/No. MH04055.41

COMMENTS:

Per our phone conversation earlier today please do the following additional analysis on sample TP-9 (1.5') (York Sample ID: 06050917-18): SVOCs, PCBs, Pesticides, and TCLP Lead. Also please provide TAL Metals data for sample TP-13 (3') (York Sample ID: 06050917-22).

Thank you.

Hard copy to follow:

☐	U.S. Mail	☐	Priority Mail	☐	Express Mail
☐	Federal Express	☐	Airborne Express	♦	None

cc: File

6/14/06
6:30A

→ 125 (TC
200
90
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YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

0605097

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
Ecosystems Strategies, Inc	Richard Hooker	Brenda Wells	MH04055.41	Richard Hooker (Name printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	TP-3 (6')	5/24/2006		x			TAL METALS	8 oz Glass Jar
	TP4 (5.5')						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	TP-5 (5.5')						TAL METALS	
	TP-6 (6')						TAL METALS, PAHS, PCBS, VOCS	
	TP-8 (5')						TAL METALS	
	TP-9 (2"-6")						TAL METALS	
	TP-9 (1.5')						TAL METALS	
	TP-10 (2')						TAL METALS	
	TP-11 (0-6")						TAL METALS	
	TP-12 (1')						TAL METALS, SVOCs, VOCs, PCBs, PESTICIDES	
	TP-13 (3')			x			PAHS, VOCS, METALS	

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	Date/Time	Samples received by	Date/Time
			5/25/06 15:00		
Bottles received in field by	**Date/Time**	**Samples Relinquished by**	**Date/Time**	**Samples received in LAB by**	**Date/Time**

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected
If RUSH Requested: DATE DUE FOR RUSH:

__X__ Standard Turnaround ____ RUSH

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 6/22/2006
Re: Client Project ID: MH04055.41
York Project No.: 06060436

CT License No. PH-0723 New York License No. 10854

Report Date: 6/22/2006
Client Project ID: MH04055.41
York Project No.: 06060436

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 06/13/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			MW-1		MW-1 (dup)	
York Sample ID			06060436-01		06060436-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-1		MW-1 (dup)	
York Sample ID			06060436-01		06060436-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
MTBE			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Freon 113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.0	Not detected	5.0
Acenaphthylene			Not detected	5.0	Not detected	5.0
Anthracene			Not detected	5.0	Not detected	5.0
Benzo[a]anthracene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-1		MW-1 (dup)	
York Sample ID			06060436-01		06060436-02	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Benzo[a]pyrene			Not detected	5.0	Not detected	5.0
Benzo[b]fluoranthene			Not detected	5.0	Not detected	5.0
Benzo[g,h,i]perylene			Not detected	5.0	Not detected	5.0
Benzo[k]fluoranthene			Not detected	5.0	Not detected	5.0
Chyrsene			Not detected	5.0	Not detected	5.0
Dibenz[a,h]anthracene			Not detected	5.0	Not detected	5.0
Fluoranthene			Not detected	5.0	Not detected	5.0
Fluorene			Not detected	5.0	Not detected	5.0
Indeno[1,2,3-cd]pyrene			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
Phenanthrene			Not detected	5.0	Not detected	5.0
Pyrene			Not detected	5.0	Not detected	5.0
Metals, Target Analyte List(TAL)	SW846-6010	ug/L	---	---	---	---
Aluminum			70.9	5.0	61.4	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			89.2	10.0	89.3	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			112000	20.0	111000	20.0
Chromium			5.7	5.0	5.00	5.0
Cobalt			Not detected	5.0	Not detected	5.0
Copper			Not detected	5.0	Not detected	5.0
Iron			3570	5.0	3640	5.0
Lead			Not detected	3.0	Not detected	3.0
Magnesium			28900	10.0	28500	10.0
Manganese			705	5.0	702	5.0
Nickel			5.7	5.0	6.0	5.0
Potassium			5130	30.0	5000	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			29200	50.0	29000	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			Not detected	20.0	Not detected	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002

Client Sample ID			MW-2		MW-3	
York Sample ID			06060436-03		06060436-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-2		MW-3	
York Sample ID			06060436-03		06060436-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
MTBE			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-2		MW-3	
York Sample ID			06060436-03		06060436-04	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Freon 113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.0	Not detected	5.0
Acenaphthylene			Not detected	5.0	Not detected	5.0
Anthracene			Not detected	5.0	Not detected	5.0
Benzo[a]anthracene			Not detected	5.0	Not detected	5.0
Benzo[a]pyrene			Not detected	5.0	Not detected	5.0
Benzo[b]fluoranthene			Not detected	5.0	Not detected	5.0
Benzo[g,h,i]perylene			Not detected	5.0	Not detected	5.0
Benzo[k]fluoranthene			Not detected	5.0	Not detected	5.0
Chyrsene			Not detected	5.0	Not detected	5.0
Dibenz[a,h]anthracene			Not detected	5.0	Not detected	5.0
Fluoranthene			Not detected	5.0	Not detected	5.0
Fluorene			Not detected	5.0	Not detected	5.0
Indeno[1,2,3-cd]pyrene			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
Phenanthrene			Not detected	5.0	Not detected	5.0
Pyrene			Not detected	5.0	Not detected	5.0
Metals, Target Analyte List(TAL)	SW846-6010	ug/L	---	---	---	---
Aluminum			767	5.0	323	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			Not detected	10.0	Not detected	10.0
Barium			375	10.0	415	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			143000	20.0	86600	20.0
Chromium			11.7	5.0	Not detected	5.0
Cobalt			Not detected	5.0	Not detected	5.0
Copper			Not detected	5.0	6.8	5.0
Iron			11800	5.0	30600	5.0
Lead			10.7	3.0	56.0	3.0
Magnesium			24600	10.0	22900	10.0
Manganese			1460	5.0	2060	5.0
Nickel			7.3	5.0	Not detected	5.0
Potassium			11000	30.0	1620	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			27300	50.0	24600	50.0
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	10.0	10.0
Zinc			29.6	20.0	48.7	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002

YORK

Client Sample ID			MW-4		MW-5	
York Sample ID			06060436-05		06060436-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0	Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethane			Not detected	5.0	Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0	Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0	Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0	Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0	Not detected	5.0
1,2-Dibromoethane			Not detected	5.0	Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0	Not detected	5.0
1,2-Dichloropropane			Not detected	5.0	Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0	Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1,3-Dichloropropane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
1-Chlorohexane			Not detected	5.0	Not detected	5.0
2,2-Dichloropropane			Not detected	5.0	Not detected	5.0
2-Chlorotoluene			Not detected	5.0	Not detected	5.0
4-Chlorotoluene			Not detected	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Bromobenzene			Not detected	5.0	Not detected	5.0
Bromochloromethane			Not detected	5.0	Not detected	5.0
Bromodichloromethane			Not detected	5.0	Not detected	5.0
Bromoform			Not detected	5.0	Not detected	5.0
Bromomethane			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroethane			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Chloromethane			Not detected	5.0	Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Dibromochloromethane			Not detected	5.0	Not detected	5.0
Dibromomethane			Not detected	5.0	Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0	Not detected	5.0
Ethylbenzene			Not detected	5.0	Not detected	5.0
Hexachlorobutadiene			Not detected	5.0	Not detected	5.0
Isopropylbenzene			Not detected	5.0	Not detected	5.0
Methylene chloride			Not detected	5.0	Not detected	5.0
MTBE			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
n-Butylbenzene			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			MW-4		MW-5	
York Sample ID			06060436-05		06060436-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
n-Propylbenzene			Not detected	5.0	Not detected	5.0
o-Xylene			Not detected	5.0	Not detected	5.0
p- & m-Xylenes			Not detected	5.0	Not detected	5.0
p-Isopropyltoluene			Not detected	5.0	Not detected	5.0
sec-Butylbenzene			Not detected	5.0	Not detected	5.0
Styrene			Not detected	5.0	Not detected	5.0
tert-Butylbenzene			Not detected	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Toluene			Not detected	5.0	Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Trichlorofluoromethane			Not detected	5.0	Not detected	5.0
Vinyl chloride			Not detected	5.0	Not detected	5.0
Freon 113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0	Not detected	5.0
Polynuclear Aromatic Hydroc.(BN)	SW846-8270	ug/L	---	---	---	---
Acenaphthene			Not detected	5.0	Not detected	5.0
Acenaphthylene			Not detected	5.0	Not detected	5.0
Anthracene			Not detected	5.0	Not detected	5.0
Benzo[a]anthracene			Not detected	5.0	Not detected	5.0
Benzo[a]pyrene			Not detected	5.0	Not detected	5.0
Benzo[b]fluoranthene			Not detected	5.0	Not detected	5.0
Benzo[g,h,i]perylene			Not detected	5.0	Not detected	5.0
Benzo[k]fluoranthene			Not detected	5.0	Not detected	5.0
Chyrsene			Not detected	5.0	Not detected	5.0
Dibenz[a,h]anthracene			Not detected	5.0	Not detected	5.0
Fluoranthene			Not detected	5.0	Not detected	5.0
Fluorene			Not detected	5.0	Not detected	5.0
Indeno[1,2,3-cd]pyrene			Not detected	5.0	Not detected	5.0
Naphthalene			Not detected	5.0	Not detected	5.0
Phenanthrene			Not detected	5.0	Not detected	5.0
Pyrene			Not detected	5.0	Not detected	5.0
Metals, Target Analyte List(TAL)	SW846-6010	ug/L	---	---	---	---
Aluminum			163	5.0	599	5.0
Antimony			Not detected	5.0	Not detected	5.0
Arsenic			11.9	10.0	Not detected	10.0
Barium			396	10.0	219	10.0
Beryllium			Not detected	1.0	Not detected	1.0
Cadmium			Not detected	3.0	Not detected	3.0
Calcium			83700	20.0	67500	20.0
Chromium			Not detected	5.0	Not detected	5.0
Cobalt			Not detected	5.0	Not detected	5.0
Copper			8.1	5.0	7.9	5.0
Iron			47300	5.0	31300	5.0
Lead			7.3	3.0	6.0	3.0
Magnesium			22400	10.0	14500	10.0
Manganese			2310	5.0	1750	5.0
Nickel			5.1	5.0	5.0	5.0
Potassium			2060	30.0	661	30.0
Selenium			Not detected	10.0	Not detected	10.0
Silver			Not detected	5.0	Not detected	5.0
Sodium			30400	50.0	16900	50.0

YORK

Client Sample ID			MW-4		MW-5	
York Sample ID			06060436-05		06060436-06	
Matrix			WATER		WATER	
Parameter	Method	Units	Results	MDL	Results	MDL
Thallium			Not detected	10.0	Not detected	10.0
Vanadium			Not detected	10.0	Not detected	10.0
Zinc			41.1	20.0	32.9	20.0
Mercury	SW846-7470	mg/L	Not detected	0.0002	Not detected	0.0002

Client Sample ID			Trip Blank	
York Sample ID			06060436-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Volatiles-8260 list	SW846-8260	ug/L	---	---
1,1,1,2-Tetrachloroethane			Not detected	5.0
1,1,1-Trichloroethane			Not detected	5.0
1,1,2,2-Tetrachloroethane			Not detected	5.0
1,1,2-Trichloroethane			Not detected	5.0
1,1-Dichloroethane			Not detected	5.0
1,1-Dichloroethylene			Not detected	5.0
1,1-Dichloropropylene			Not detected	5.0
1,2,3-Trichlorobenzene			Not detected	5.0
1,2,3-Trichloropropane			Not detected	5.0
1,2,3-Trimethylbenzene			Not detected	5.0
1,2,4-Trichlorobenzene			Not detected	5.0
1,2,4-Trimethylbenzene			Not detected	5.0
1,2-Dibromo-3-chloropropane			Not detected	5.0
1,2-Dibromoethane			Not detected	5.0
1,2-Dichlorobenzene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,2-Dichloroethylene (Total)			Not detected	5.0
1,2-Dichloropropane			Not detected	5.0
1,3,5-Trimethylbenzene			Not detected	5.0
1,3-Dichlorobenzene			Not detected	5.0
1,3-Dichloropropane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
1-Chlorohexane			Not detected	5.0
2,2-Dichloropropane			Not detected	5.0
2-Chlorotoluene			Not detected	5.0
4-Chlorotoluene			Not detected	5.0
Benzene			Not detected	5.0
Bromobenzene			Not detected	5.0
Bromochloromethane			Not detected	5.0
Bromodichloromethane			Not detected	5.0
Bromoform			Not detected	5.0
Bromomethane			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroethane			Not detected	5.0
Chloroform			Not detected	5.0
Chloromethane			Not detected	5.0
cis-1,3-Dichloropropylene			Not detected	5.0
Dibromochloromethane			Not detected	5.0

YORK

Client Sample ID			Trip Blank	
York Sample ID			06060436-07	
Matrix			WATER	
Parameter	Method	Units	Results	MDL
Dibromomethane			Not detected	5.0
Dichlorodifluoromethane			Not detected	5.0
Ethylbenzene			Not detected	5.0
Hexachlorobutadiene			Not detected	5.0
Isopropylbenzene			Not detected	5.0
Methylene chloride			Not detected	5.0
MTBE			Not detected	5.0
Naphthalene			Not detected	5.0
n-Butylbenzene			Not detected	5.0
n-Propylbenzene			Not detected	5.0
o-Xylene			Not detected	5.0
p- & m-Xylenes			Not detected	5.0
p-Isopropyltoluene			Not detected	5.0
sec-Butylbenzene			Not detected	5.0
Styrene			Not detected	5.0
tert-Butylbenzene			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Toluene			Not detected	5.0
trans-1,3-Dichloropropylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Trichlorofluoromethane			Not detected	5.0
Vinyl chloride			Not detected	5.0
Freon 113 (Trichlorotrifluoroethane)	SW846-8260	ug/L	Not detected	5.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06060436

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/22/2006

YORK

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

0606004226

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
Ecosystems Strategies, Inc	Richard Hooker	Brenda Wells	MH04055.41	Richard Hooker (Name printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-1	6/12/2006	x				VOCs (8260) including all freon compounds, 8270 (PAHs only), Total TAL Metals	2 x 1L Amber Jar, 2 x 40 ml vial
	MW-1 (dup)							2 x 1L Amber Jar, 1 x 40 ml vial
	MW-2							2 x 1L Amber Jar, 2 x 40 ml vial
	MW-3							2 x 1L Amber Jar, 2 x 40 ml vial
	MW-4							2 x 1L Amber Jar, 2 x 40 ml vial
	MW-5							2 x 1L Amber Jar, 2 x 40 ml vial
	Trip Blank	6/12/06	x				Vocs (8260)	2x 40 ml vial

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	6/13/06 10:30 Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time
Samples received by		Samples received in LAB by	6/13 10:30 Date/Time

Comments/Special Instructions: **QAQC Summary (including Matrix Spike and Matrix Spike Duplicate)**

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

__X_Standard Turnaround ____ RUSH

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 6/29/2006
Re: Client Project ID: MH04055.41
York Project No.: 06050763 Addendum 2

CT License No. PH-0723 New York License No. 10854

Report Date: 6/29/2006
Client Project ID: MH04055.41
York Project No.: 06050763 Addendum 2

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/22/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			MW-1 0-4in		MW-1 20-24in	
York Sample ID			06050763-01		06050763-02	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead	SW846-6010	mg/kG	55.7	0.500	216	0.500

Client Sample ID			MW-1 4-6'		MW-1 8-12'	
York Sample ID			06050763-03		06050763-04	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead	SW846-6010	mg/kG	12.7	0.500	8.89	0.500

Client Sample ID			MW-2 2-6in		MW-2 4-5'	
York Sample ID			06050763-05		06050763-06	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead	SW846-6010	mg/kG	114	0.500	558	0.500

YORK

Client Sample ID			MW-3 6-8'		MW-3 3-4'	
York Sample ID			06050763-07		06050763-08	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead	SW846-6010	mg/kG	142	0.500	692	0.500

Client Sample ID			MW-4 2-8in		MW-4 4-6'	
York Sample ID			06050763-09		06050763-10	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead	SW846-6010	mg/kG	820	0.500	21.8	0.500

Client Sample ID			MW-5 6-24in		MW-5 4-8'	
York Sample ID			06050763-11		06050763-12	
Matrix			SOIL		SOIL	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead	SW846-6010	mg/kG	763	0.500	30.8	0.500

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050763 A2

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/29/2006

YORK

Login

From: Rich August [raugust@yorklab.com]
Sent: Thursday, June 22, 2006 9:50 AM
To: 'Login'
Subject: FW: Additional analysis for ESI project MH04055.41 - York Project ID: 06050763

Tara,

Hopefully we still have these. Thanks

Richard August
Client Services Manager
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203-325-1371 (lab)
203-598-9829(mobile)
860-584-5749(sales office)

-----Original Message-----
From: Richard Hooker [mailto:richard@ecosystemsstrategies.com]
Sent: Thursday, June 22, 2006 9:53 AM
To: raugust@yorklab.com
Subject: Additional analysis for ESI project MH04055.41 - York Project ID: 06050763

Rich:

Samples collected 5/18/06

Please run the following for lead:

MW-1 0-4"	1
MW-1 20"-24"	2
MW-1 4'-6'	3
MW-1 8'-12'	4
MW-2 2"-6"	5
MW-2 4'-5'	6
MW-3 3'-4'	7
MW-3 6'-8'	8
MW-4 2"-8"	9
MW-4 4'-6'	10
MW-5 6"-24"	11
MW-5 4'-8'	12

Thanks

9:52A
6/22/06.

ECOSYSTEMS STRATEGIES, INC.
Richard Hooker
Project Manager
24 Davis Avenue
Poughkeepsie, New York 12603
845-452-1658 phone
845-485-7083 fax

06/22/06

richard@ecosystemsstrategies.com

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
Ecosystems Strategies, Inc.	Richard	Brenda	MH04055.41	Richard Hooker (Name printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-1 0-4"	5/18/06		X			HOLD	8oz glass jar
	MW-1 20-24"	↓		↓			↓	↓
	MW-1 4-6'							
	MW-1 8-12'							
	MW-2 2"-6"							
	MW-2 4'-5'							
	MW-3 8'-8'							
	MW-3 3'-4'							
	MW-4 2"-8"							
	MW-4 4'-6'	↓		↓			↓	↓

Chain-of-Custody Record

	Date/Time		Date/Time		Date/Time
Bottles Relinquished from Lab by		Samples Relinquished by	5/22/06 1120	Samples received by	5/22 1115
Bottles received in field by		Samples Relinquished by		Samples received in LAB by	

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected
if RUSH Requested: DATE DUE FOR RUSH:

STANDARD RUSH(Define)

YORK
Analytical Laboratories, Inc.
120 RESEARCH DRIVE
STRATFORD, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
Ecosystems Strategies, Inc.	Richard	Brenda	MH04055, 41	Richard Hooker / Richard Hooker

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	MW-5 6"-24"	5/18/06		X			~~HOLD~~ HOLD ~~TAL METALS~~	8oz Glass Jar
	MW-5 4'-8'	5/18/06					~~HOLD~~ HOLD ~~TAL METALS~~	
	B-1 0-4'	5/19/06					TAL METALS	
	B-1 4-8'						~~HOLD~~ TAL METALS	
	B-1 8-12'						~~HOLD~~ TAL METALS	
	B-2 1-2'						TAL METALS, VOCs, SVOCs, Pesticides/PCBs	8oz Glass Jar
	B-2 4-8'						~~HOLD~~ TAL METALS	8oz glass Jar
	B-2 2-4'						~~HOLD~~ TAL METALS	4oz glass jar
	B-3 0-3'						TAL METALS	8oz glass jar
	B-4 0-2'	X		X			TAL ~~METALS~~ HOLD	8oz glass jar

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	Date/Time	Samples received by	Date/Time
		[signature]	5/22/06 1:20	[signature]	5/22 1:15
Bottles received in field by	**Date/Time**	**Samples Relinquished by**	**Date/Time**	**Samples received in LAB by**	**Date/Time**

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected if RUSH Requested: DATE DUE FOR RUSH:

_____ STANDARD _____ RUSH(Define)_____

PAGE 03 4857083 05/25/2006 12:31

YORK
Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
Ecosystems Strategies, Inc.	Richard	Brenda	MA104055.41	Richard Hooker

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	B5-0-4'	5/19/06		X			TAL METALS	8oz glass jar
	B5-4'-5'						~~HOLD~~ TAL METALS	
	B6-0-4'						TAL METALS	
	B6-4'-8'			X			~~HOLD~~ TAL METALS	

Chain-of-Custody Record

	Date/Time		Date/Time		Date/Time
Bottles Relinquished from Lab by		Samples Relinquished by	5/22/06 12P	Samples received by	5/22 115
Bottles received in field by		Samples Relinquished by		Samples received in LAB by	

Comments/Special Instructions

Turn-Around Time Requested- Specify Date Expected
If RUSH Requested: DATE DUE FOR RUSH:

_____ STANDARD _____ RUSH(Define)_____

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Report Date: 7/5/2006
Re: Client Project ID: MH04055.41
York Project No.: 06050917 Addendum 2

CT License No. PH-0723 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 7/5/2006
Client Project ID: MH04055.41
York Project No.: 06050917 Addendum 2

Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, NY 12603
Attention: Richard Hooker

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/26/06. The project was identifed as your project "MH04055.41 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			TP-4 (5.5')	
York Sample ID			06050917-13	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
TCLP Lead	SW846-1311/6010	mg/L	0.550	0.005

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050917 A2

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 7/5/2006

YORK

Login

From: Rich August [raugust@yorklab.com]
Sent: Thursday, June 22, 2006 4:06 PM
To: 'Login'
Subject: FW: More additional analysis for ESI project MH04055

Tara,

Would you please?? Thanks.

Richard August
Client Services Manager
York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
203-325-1371 (lab)
203-598-9829(mobile)
860-584-5749(sales office)

-----Original Message-----
From: Richard Hooker [mailto:richard@ecosystemsstrategies.com]
Sent: Thursday, June 22, 2006 4:09 PM
To: raugust@yorklab.com
Subject: More additional analysis for ESI project MH04055

Hi Rich:

Please run the following sample for TCLP lead:

TP-4 (5.5') (York ID#06050917-13)

ECOSYSTEMS STRATEGIES, INC.

Richard Hooker
Project Manager
24 Davis Avenue
Poughkeepsie, New York 12603
845-452-1658 phone
845-485-7083 fax
richard@ecosystemsstrategies.com

6/22/06 4:07PM

06/22/06

APPENDIX D

Field Observations and Boring Logs

Table 7: Field Observations – Monitoring Well Installation

Boring ID	Location	Depth of Well	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
MW-1	49' southeast of office corner "A1" and 67.8' southeast of office corner "B1"	14'2"	Organic material to 2". Then coarse gray gravel to 4". 4"-11'6" heavy dark gray clay becoming increasingly moist. Intermittent veins of sand. Coarse gray sand from 11'6" to 14' 2".	Approx 4'	1.1 (background 1.1)	Wood fragments at 11' 6". Possible slight septic odor.
MW-2	62.9' northeast of southeast building corner "E1" and 8' from TP-5	12'	Poor recovery. 2" top soil above coarse gravel to 4" then coarse, saturated yellowish gray sandy soil. 4'-12' zero recovery.	Approx 4'	0.0	No visual or olfactory evidence of contamination.
MW-3	55' from TP-7 and 55.4' from MW-4	12'	Zero recovery to 4'. 4'-8' coarse C& D debris to 6' then dark gray silty clay.	3'1"	0.0	Slight septic odor
MW-4	Northeast of on-site structure	12.5'	0-2' medium brown sandy soil with organic fragments. 2'-8' coarse gray/black/yellow-orange ash-like material above dark gray clay.	3'	0.0	No visual or olfactory evidence of contamination.
MW-5	North of northwest corner of on-site structure	13'	0-4' poor recovery. 0-2" grass and brown sandy soil. 2"-6" coarse gray sand. 6"-2' ash-like material. 4'-4'6" ash and glass fragments. 4'6" to 13' fine dark gray clay.	4'	0.0	No visual or olfactory evidence of contamination.

Table 7: Field Observations – Soil Borings

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-1	Interior of on-site structure	0-4'	Concrete breech. 0-4' poor recovery, wet at tip, concrete dust above brick at 6" above coarse gray sand.	No	0.0	No olfactory or visual evidence of contamination.
		4'-8'	Poor recovery. Fragments of brick, gray sand. Moist	-	0.0	No olfactory or visual evidence of contamination.
		8'-12'	Gray sand and clay throughout with brick dust at top	Saturated	0.0	No olfactory or visual evidence of contamination.
B-2	Interior of on-site structure	0-4'	Concrete breech. Fine gray/brown sand becoming coarser with depth.	No	20 (at 1')	Well defined 4" zone of heavy petroleum substance (possibly asphalt) at 1'.
		4'-8'	Dark gray clay	Saturated at 4'		Otherwise no olfactory or visual evidence of contamination.
B-3	Interior of on-site structure	3'	Concrete breech. Refusal at 3'.	No	0.0	No olfactory or visual evidence of contamination.
B-4	Interior of on-site structure	2'	Concrete breech. Refusal at 2'.	No	0.0	No olfactory or visual evidence of contamination.
B-5	Interior of on-site structure	0-4'	Concrete breech. Brick dust, coarse yellow sand then coarse black sand. (poor recovery)	No	0.0	No olfactory or visual evidence of contamination.
		4'-8'	Coarse black sand to 5' above dark gray clay. (poor recovery).	4'		
B-6	Interior of on-site structure	0-4'	Concrete breech. Coarse gray sand with brick fragments.	No	0.0	No olfactory or visual evidence of contamination.
		4'-8'	Zero recovery	4'		
B-7	Interior of on-site structure	0-4'	Concrete breech. Poor recovery.	No	0.0	Ash. No olfactory evidence of contamination.
		8'	Dark brown moist soil and ash.	4'		
B-8	Interior of on-site structure	0-4'	Concrete breech. Dark brown moist soil with traces of ash.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Dark brown moist sandy soil with ash and glass fragments.	4'		
B-8A	Interior of on-site structure. 12' west of B-8.	0-4'	Concrete breech. Medium brown sandy soil to 8" then brick to 1'2" above coarse black sand (possibly coal).	No	0.0	No olfactory or visual evidence of contamination.
		4'-8'	Some brick fragments from 4' to 4'6", possible collapse from higher in boring. Heavy gray clay becoming black at tip.	4'	0.0	
		8'-12'	Gray clay to 10' then 6" of moist black and silt to end of boring.	Saturated	0.0	

Table 7: Field Observations – Soil Borings (cont'd)

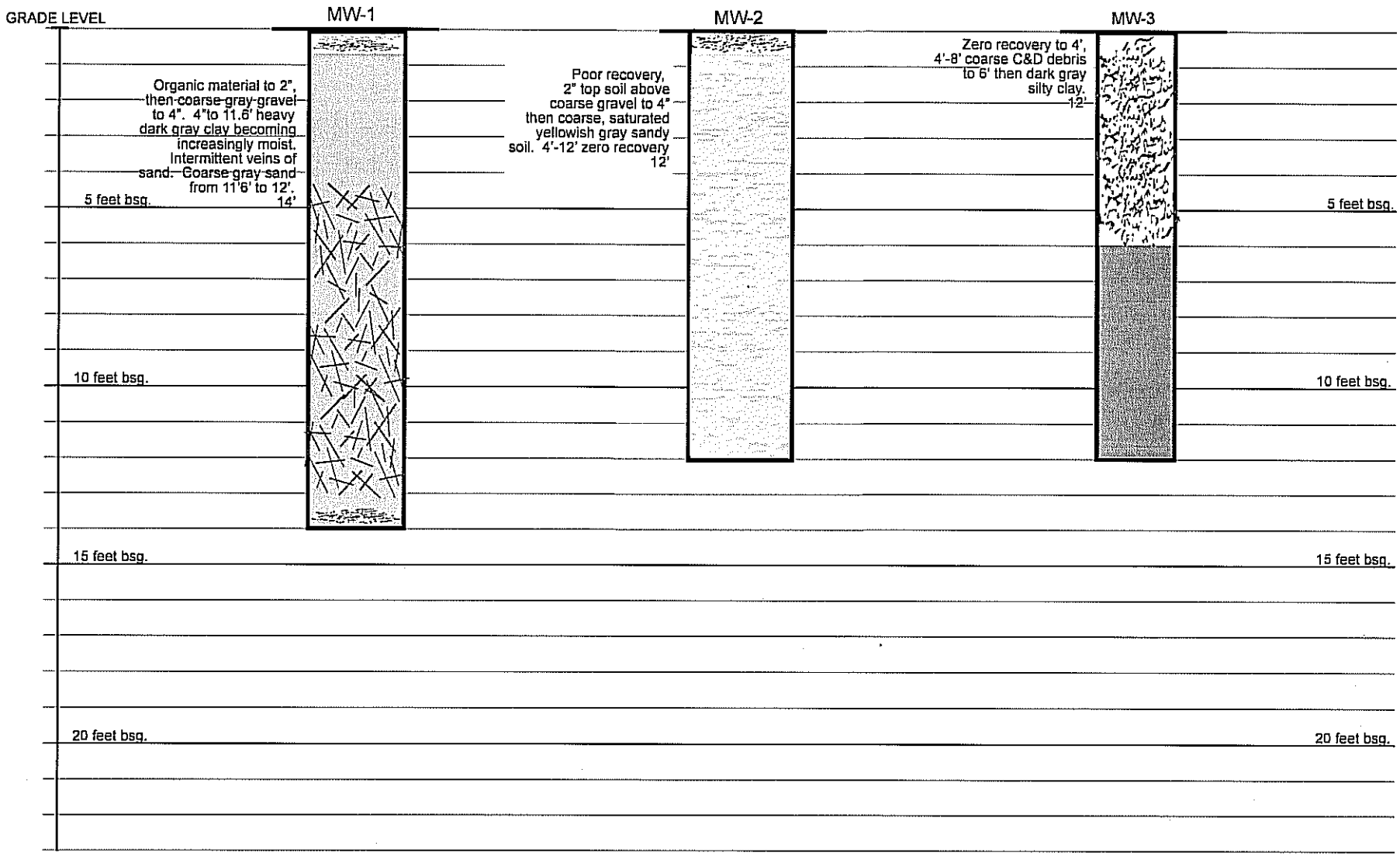
Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-8B	Interior of on-site structure. 16' east of B-8.	0-4'	Concrete breech. Gray brown coarse sand to 6" and then ash with glass fragments to 2'. Brick dust and coarse black sand at tip.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Ash throughout. Saturated.	4'	0.0	
		8'-12'	Ash to 9' then clay. Becoming siltier towards tip.	Saturated	0.0	
B-8C	Interior of on-site structure. 11' north of B-8.	0-4'	Concrete breech. Coarse gray sand, brick dust and fragments. Dark coarse sand with some black staining.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Ash throughout, becoming mixed with silt by 8'.	4'	0.0	
		8'-12'	Coarse gray sand with brick fragments (poor recovery).	Saturated		
B-8D	Interior of on-site structure. 18' south of B-8	0-4'	Concrete breech. Brick dust, coarse sand and ash. Black at tip (poor recovery).	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Coarse gray sand with brick fragments to 6" then coarse, black ash-like material.	4'		
		8'-12'	Gray clay to 10' then becoming siltier towards tip.	Saturated		
B-9	Interior of on-site structure	0-4'	Concrete breech. Ash with glass fragments throughout.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Ash with glass fragments throughout.	4'		
B-10	Interior of on-site structure	0-4'	Concrete breech. Zero recovery.	No	0.0	No olfactory or visual evidence of contamination.
		4'-8'	Gray sand mixed with fine gray clay.	4'		
B-11	Interior of on-site structure	0-4'	Concrete breech. Ash above layer of moist sandy soil to 4'.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	No recovery	4'		
B-12	Southwest of southwest corner of on-site structure	0-4'	Topsoil to 10" , then reddish brown ash to 4'.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Ash to 5.5' then band of coarse silt above dense gray clay	Saturated at 4'		
B-13	West of western end of on-site structure	0-4'	Ash throughout.	No	0.0	Ash. No olfactory evidence of contamination.
		4'-8'	Ash throughout.	5'		
		8'-12'	Ash to 9' then gray clay	Saturated		

Table 7: Field Observations – Soil Borings (cont'd)

Boring ID	Location	Depth of Boring	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
B-14	Northwest of on-site structure	0-4' 4'-8' 8'-12'	Ash throughout. Ash throughout. Ash to 9.5 ' then gray clay	No 5' Saturated	0.0	Ash. No olfactory evidence of contamination.
B-15	Northwest of on-site structure	0-4' 4'-8'	Medium brown/gray sandy soil to 8" then ash throughout. Ash to 7.5' then gray clay	No 5'	0.0	Ash. No olfactory evidence of contamination.
B-16	Northwest of on-site structure	0-4' 4'-8'	Ash throughout Ash to 7' then dark gray silty clay.	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-17	Northwest of on-site structure	0-4' 4'-8'	Ash throughout. Ash to 6' then dark silty clay.	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-18	North of on-site structure	0-4' 4'-8'	Ash throughout. Ash to 5' then dark gray silty clay.	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-19	North of on-site structure	0-4' 4'-8'	1' top soil with traces of ash, saturated at 3.5' then clay. Coarse dark sand above gray clay to 6' then silty sand to 8'.	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-20	North of on-site structure	0-4' 4'-8'	Ash throughout. Ash to 6', then dark gray clay.	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-21	North of on-site structure	0-4' 4'-8'	Coarse sand and stones with brick debris. 4'-6' Ash then gray clay above sandy clay to 8'.	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-22	North of on-site structure	0-4' 4'-8'	Broken stone to 1' then ash. Ash to 5' then clay to 6.5' with sand to 8'	No Saturated by 5'	0.0	Ash. No olfactory evidence of contamination.
B-23	North of on-site structure	0-4' 4'-8'	Poor recovery with brick at tip. Coarse sand to 1' then ash. Solid dark gray clay to 8'.	No Saturated by 5'	0.0	No olfactory or visual evidence of contamination.

Table 7: Field Observations – Test Pits

Boring ID	Location	Depth of Test Pit	Soil Characteristics	Groundwater Encountered	PID Reading	Field Observations
TP-1	48.8' southeast of office corner "A1". 55.3' southeast office corner "B1".	4'	Coarse, dark black sand with gray rock fragments	3' 1"	0.0	No visual or olfactory evidence of contamination.
TP-2	To be provided	5' 6"	Coarse dark brown soil with 2" pebbles and rocks up to 12" diameter. Ash-like material between 4' and 5'	5'	0.0	Ash. No olfactory evidence of contamination.
TP-3	To be provided	5' 6"	Brick fragments and light brown sandy soil to 2' above light brown clay. Clay becoming gray at 5'	5' 6"	0.0	No visual or olfactory evidence of contamination. No olfactory evidence of contamination.
TP-4	To be provided	7' 5"	Medium brown sandy soil to 1' then ash-like material.	7'	0.0	Metal fragments, bottles, brick, wire in ash-like material.
TP-5	To be provided	6'	Medium brown sandy soil to 9" then fill to 18" then 2.5' ash above clay at 4'.	4'	0.0	Ash mixed with metal fragments and glass. No olfactory evidence of contamination.
TP-6	To be provided	7'	Top soil to 1' then buried debris mixed with gray/brown soil.	6'	0.0	Thick black greasy material associated with fragments of metal at 6'. Possible slight petroleum odor. Electric cable, bottles, metal and ceramic fragments. No olfactory evidence of contamination.
TP-7	To be provided	4'	18" of top soil then ash.	3'	0.0	Ash mixed with bottles and glass and metal fragments. No olfactory evidence of contamination.
TP-8	To be provided	5'	Rocks and brick fragments to 5'	5'	0.0	No visual or olfactory evidence of contamination.
TP-9	To be provided	4'	Ash and glass fragments from surface to end of test pit.	3'	0.0	Ash and glass fragments. No olfactory evidence of contamination.
TP-10	To be provided	5'	Dark brown, moist, fine medium brown soil to 6"; ash to 2' 6", then clay to water at 4'6"	4.5'	0.0	Ash. No olfactory evidence of contamination.
TP-11	To be provided	5'	Ash throughout	5'	0.0	Ash. No olfactory evidence of contamination.
TP-12	To be provided	5'	Ash from surface to groundwater.	4'	0.0	Ash containing bedframe, glass, bottles. No olfactory evidence of contamination.
TP-13	To be provided	4' 6"	Reddish brown soil to 6", then dark brown soil to 2'4" then ash to end of test pit	4'	0.0	Ash. No olfactory evidence of contamination.



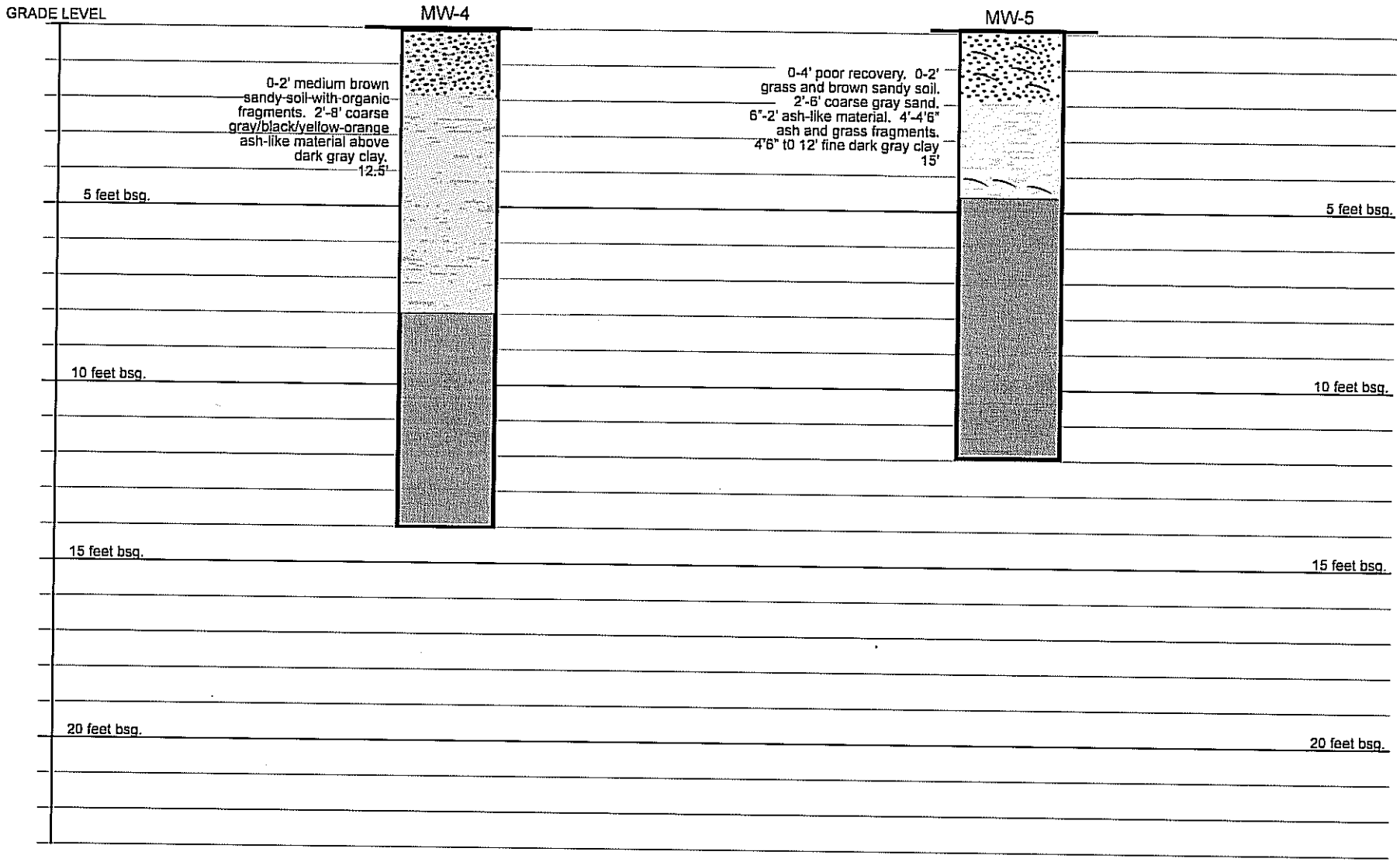
Monitor Well Installation
Figure 1 of 2 (MW-1 through MW-3)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

November 2006

Appendix D



Monitor Well Installation
Figure 2 of 2 (MW-4 through MW-5)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

November 2006

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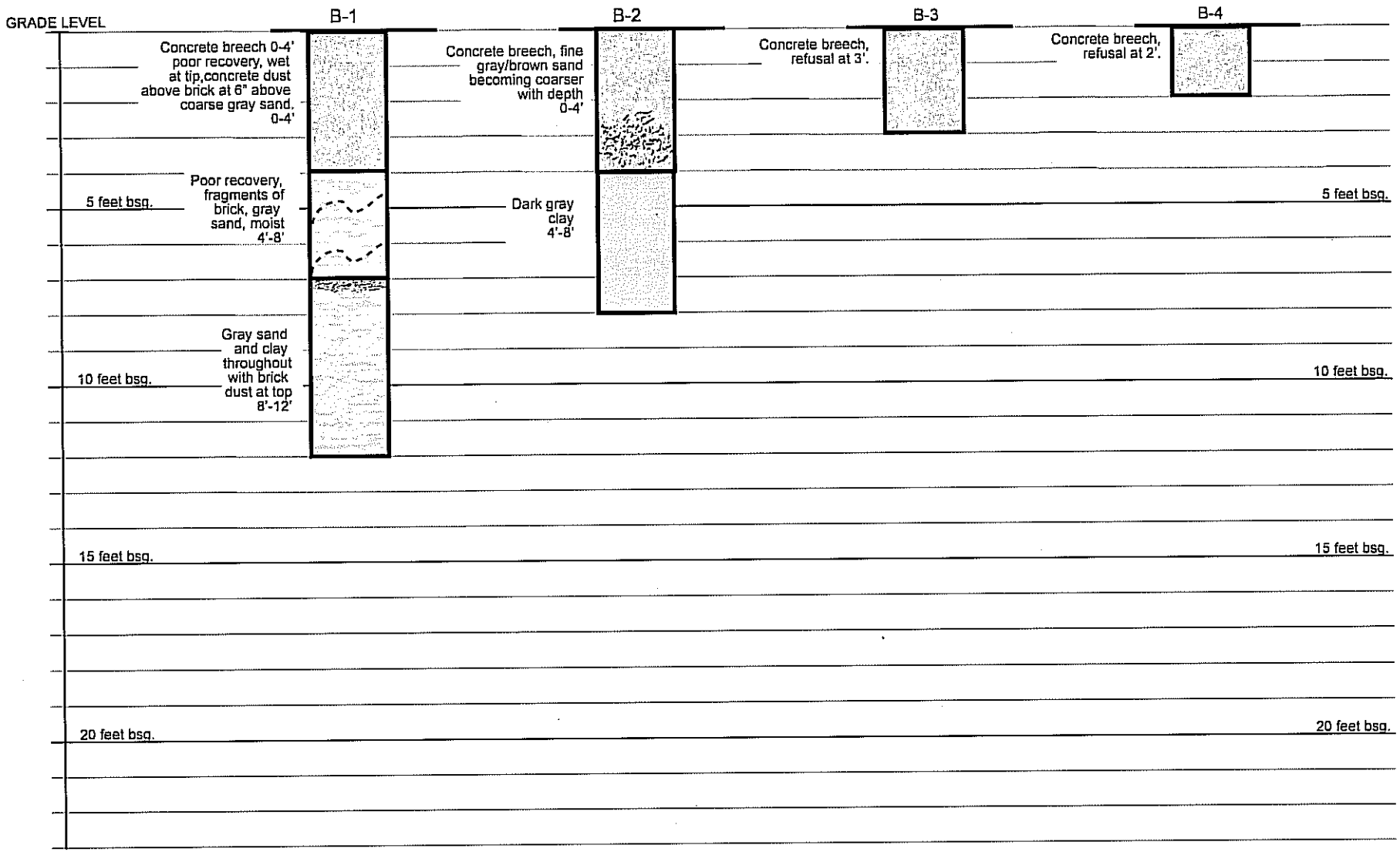

Boring Log
Figure 1 of 7 (B-1 through B-4)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

November 2006

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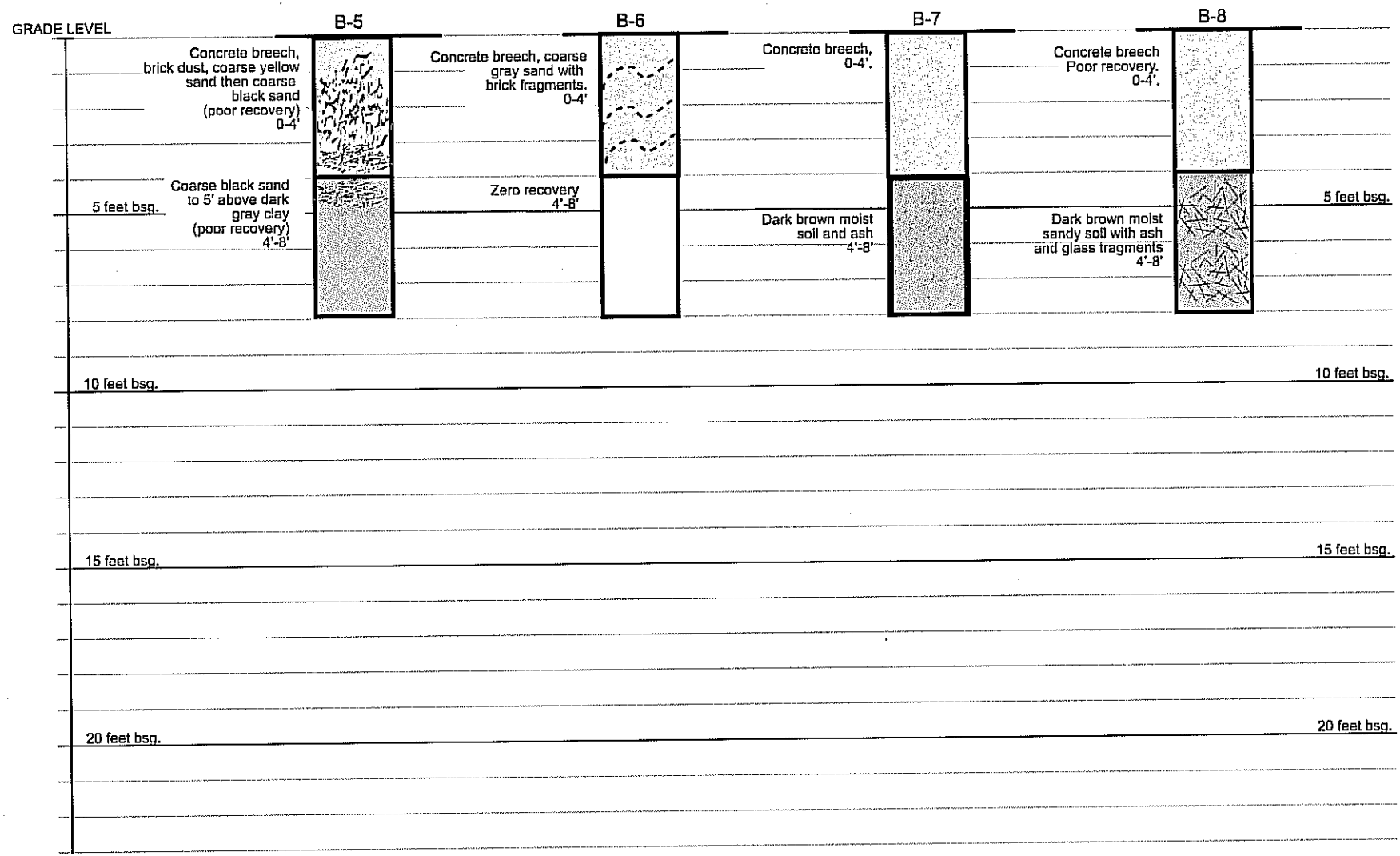

Boring Log
Figure 2 of 7 (B-5 through B-8)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

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November 2006

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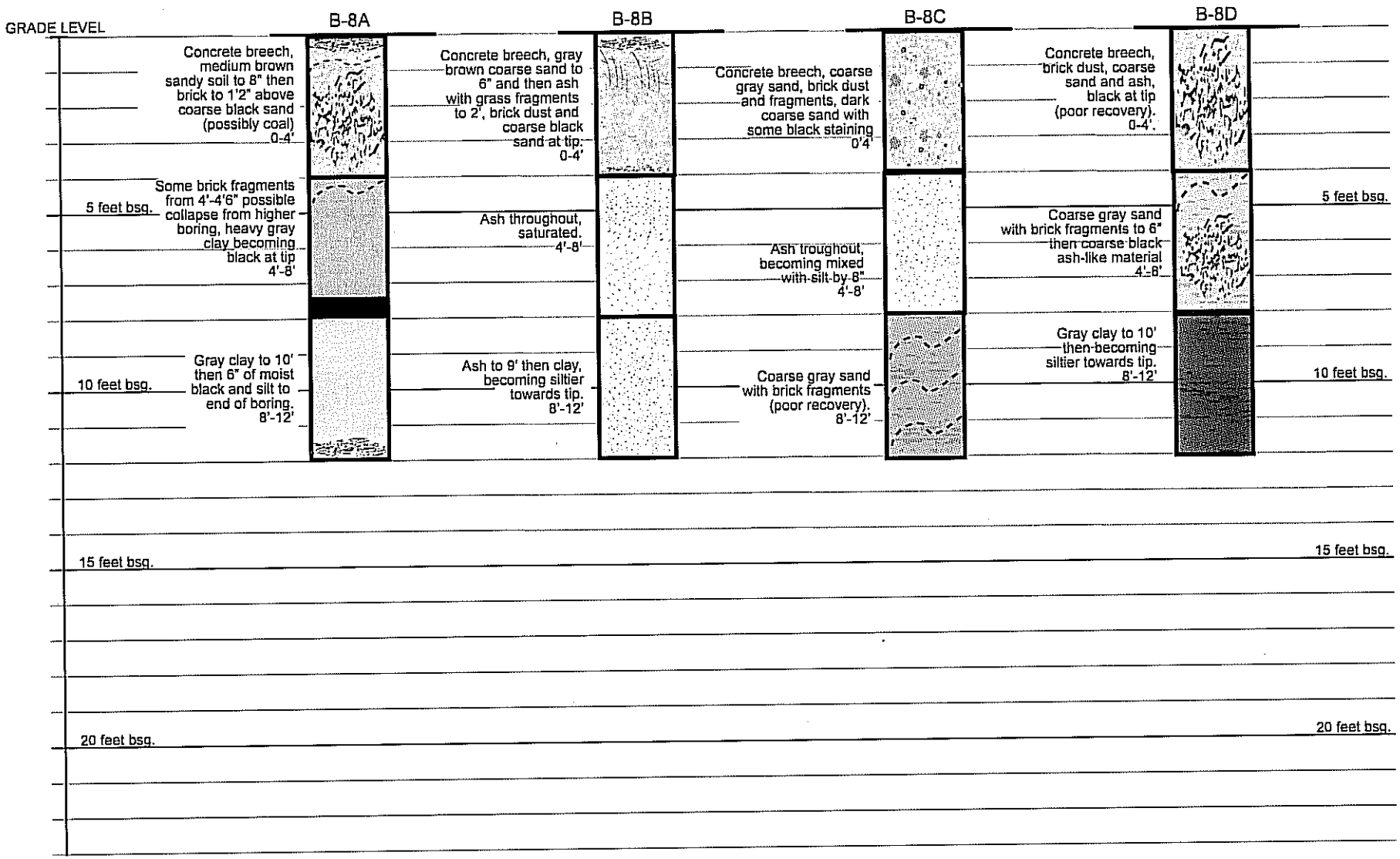

Boring Log
Figure 3 of 7 (B-8A through B-8D)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

November 2006

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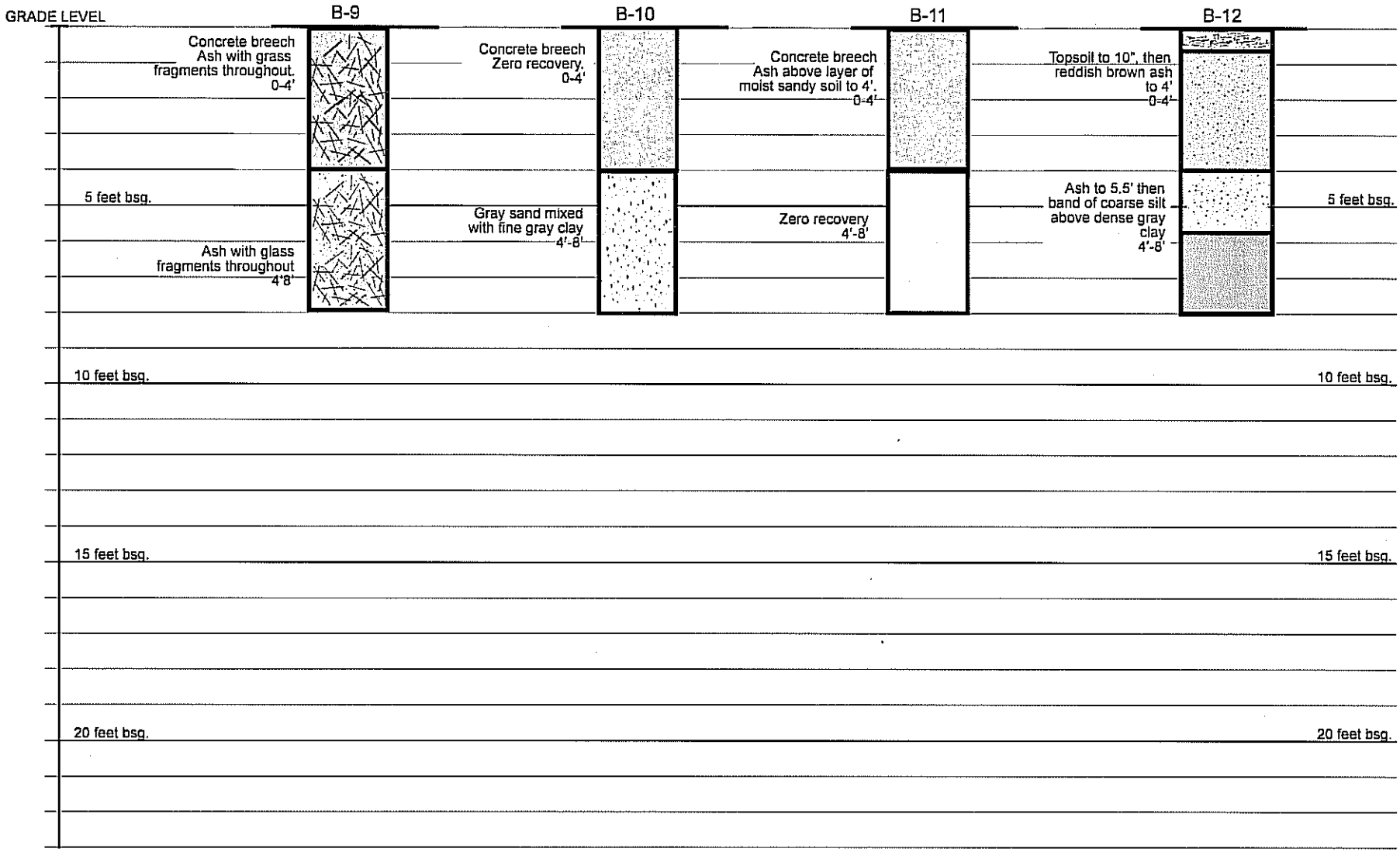

Boring Log
Figure 4 of 7 (B-9 through B-12)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

November 2006

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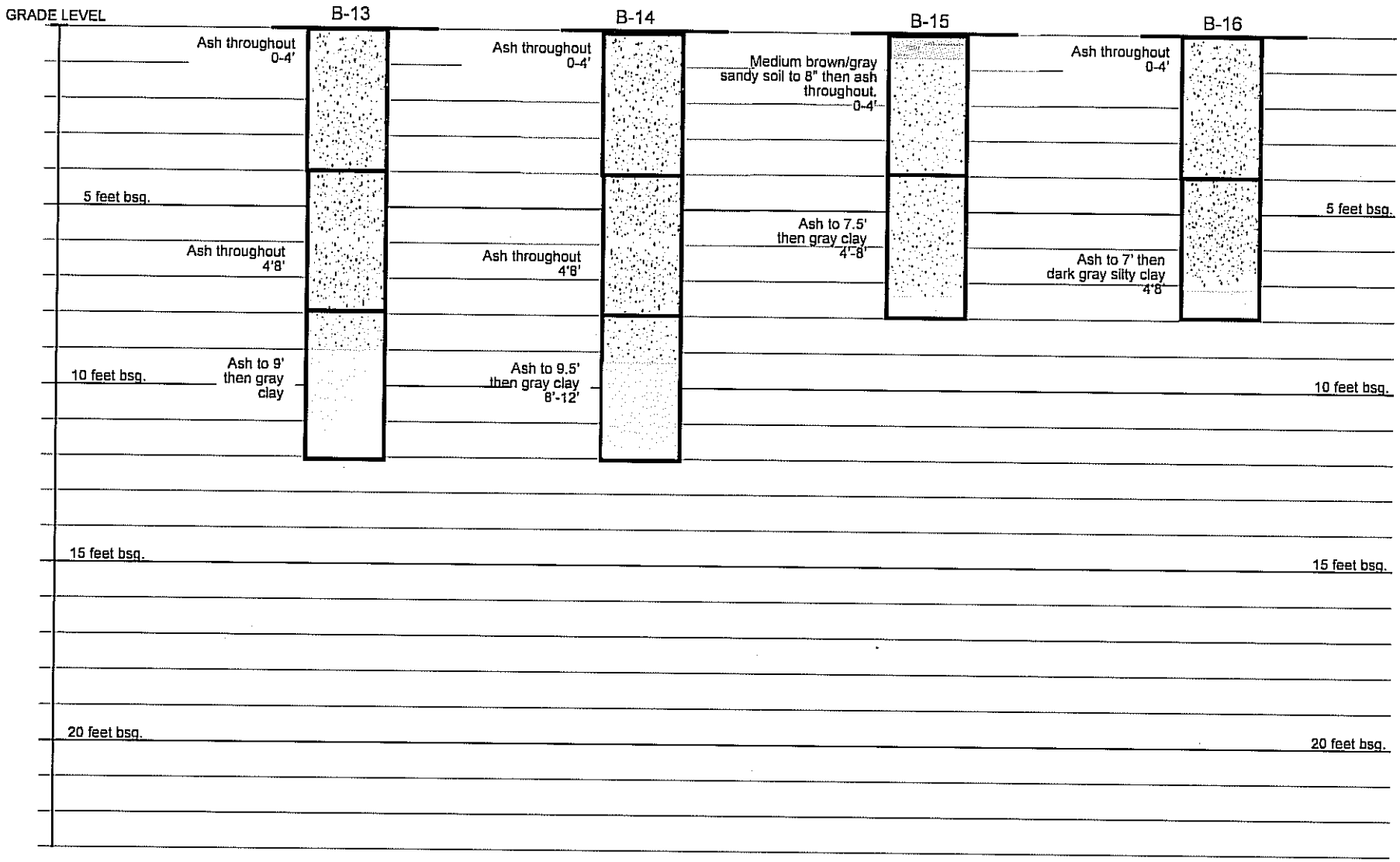

Boring Log
Figure 5 of 7 (B-13 through B-16)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

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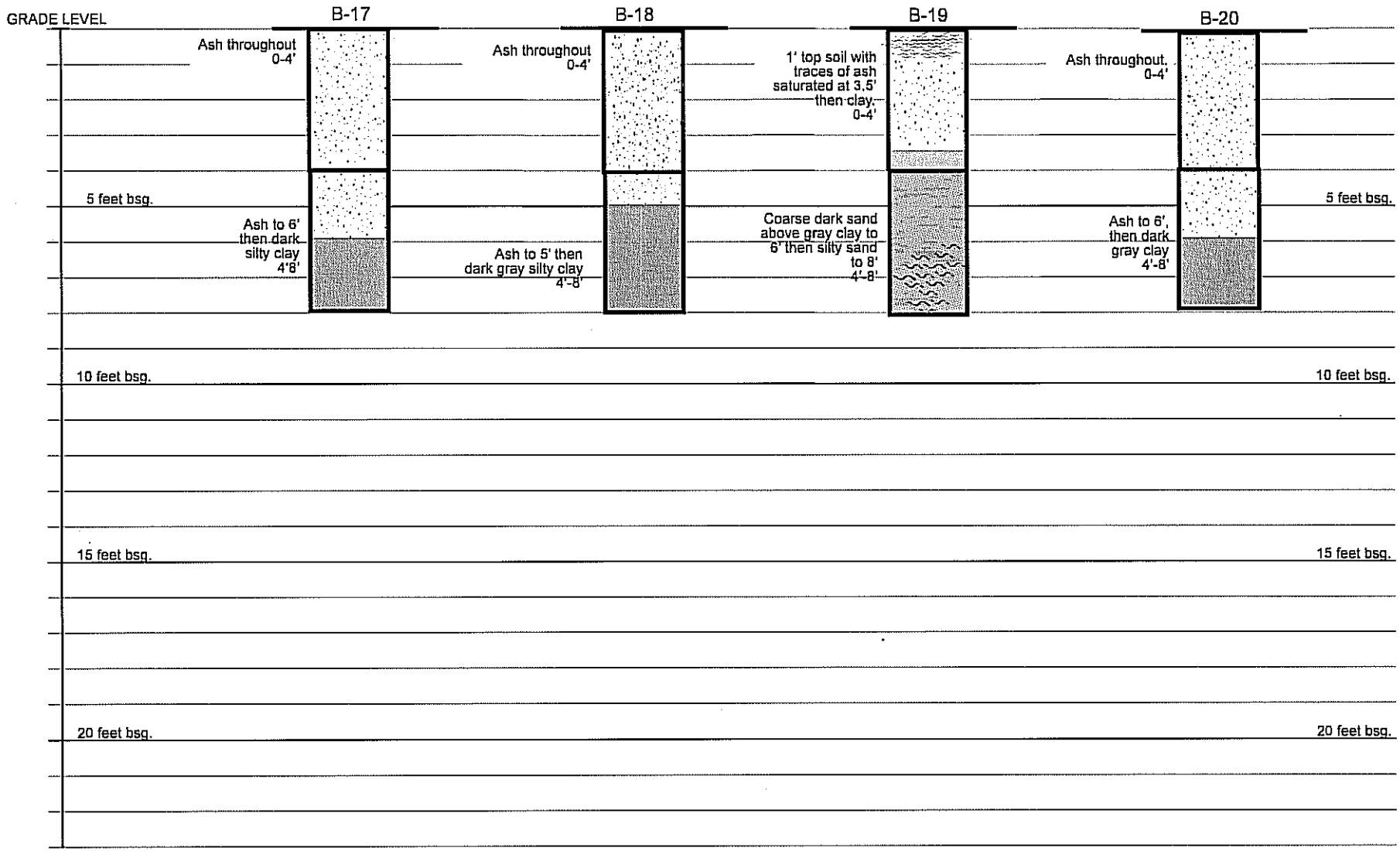

Boring Log
Figure 6 of 7 (B-17 through B-20)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

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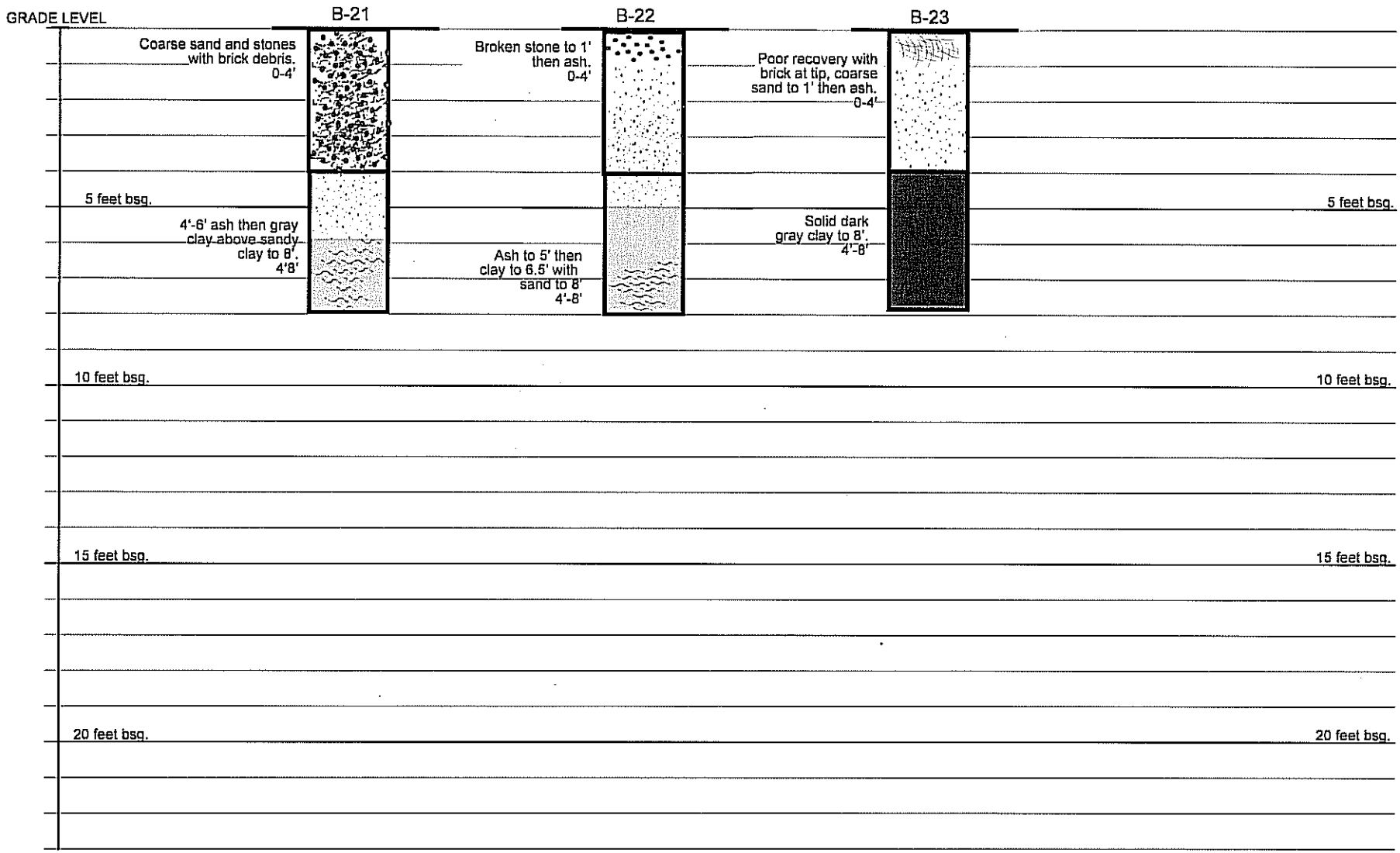

Boring Log
Figure 7 of 7 (B-21 through B-23)

Foster's Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

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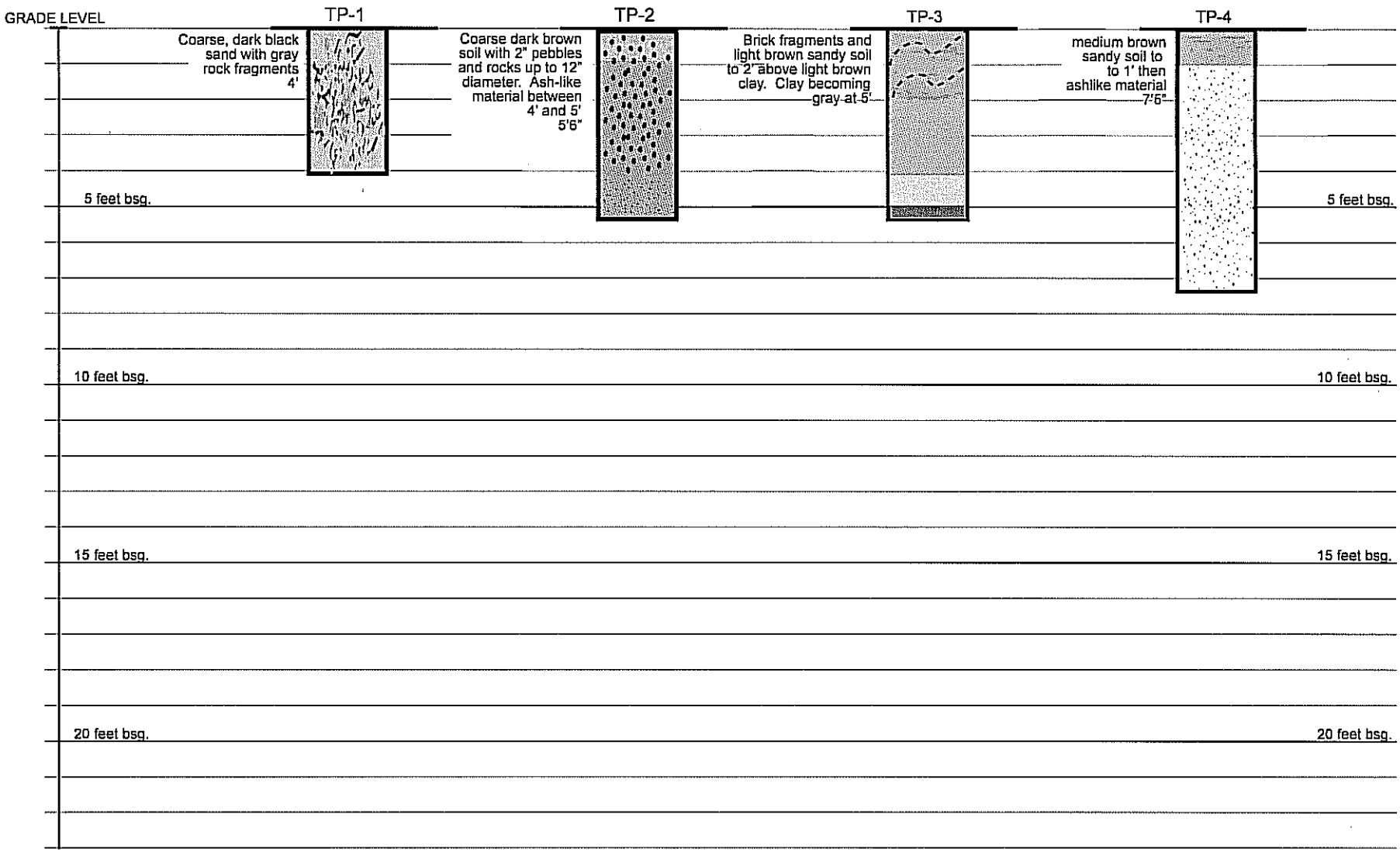

Test Pits
Figure 1 of 3 (TP-1 through TP-4)

Fosters Refrigeration Site
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

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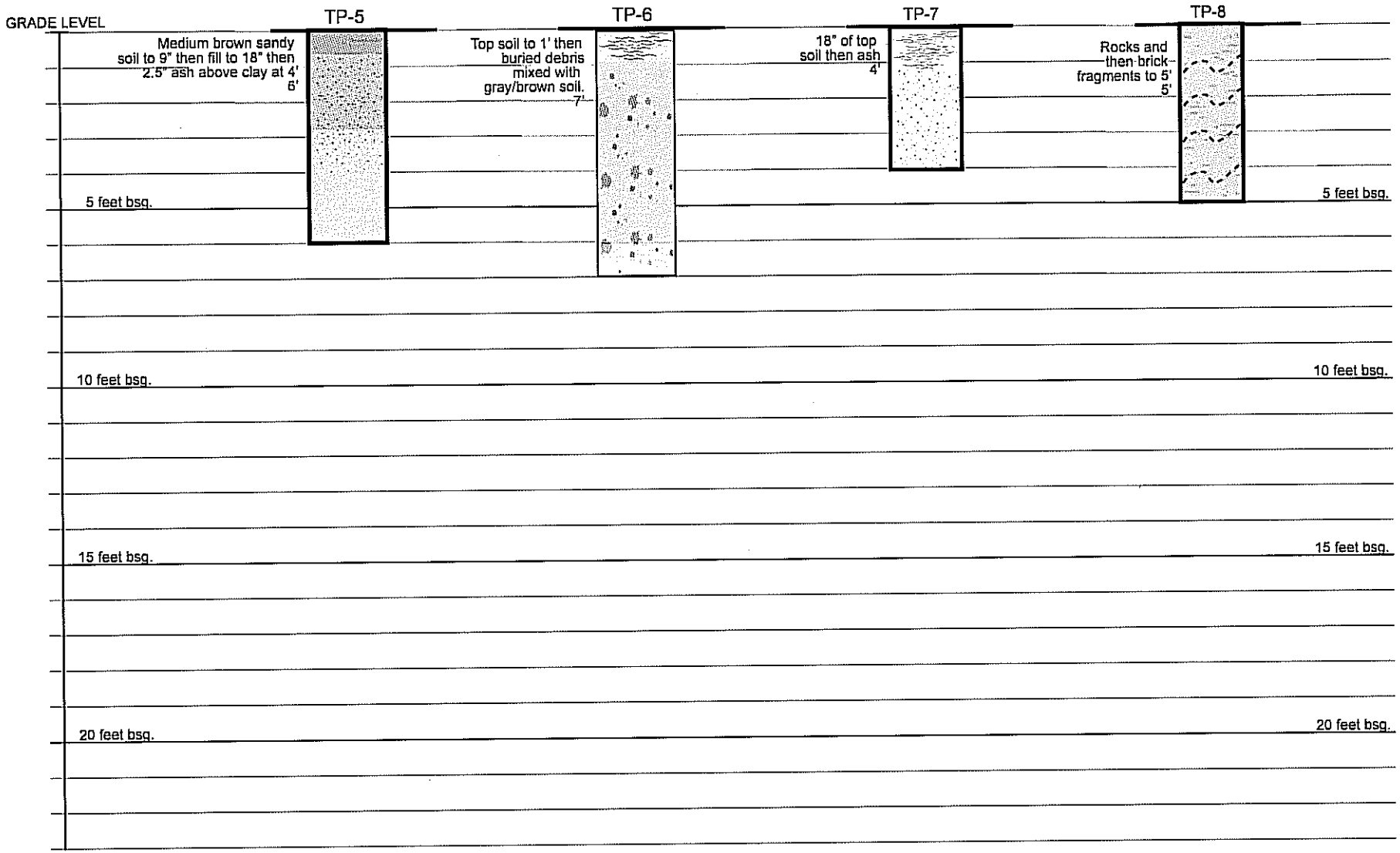

Test Pits
Figure 2 of 3 (TP-5 through TP-8)

Fosters Refrigeration
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

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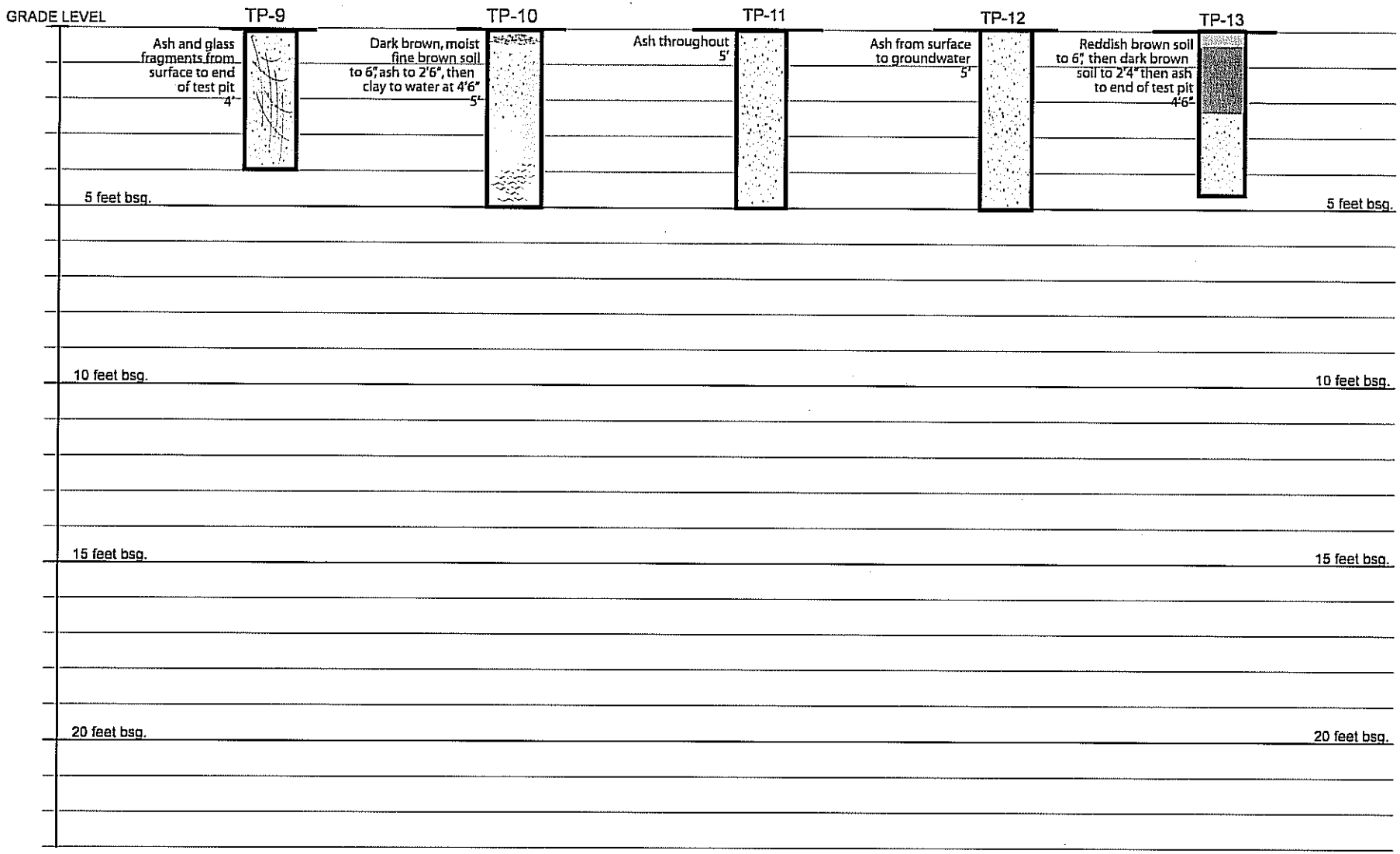

Test Pits
Figure 3 of 3 (TP-9 through TP-13)

Fosters Refrigeration
119 North 2nd Street
Hudson, New York

ESI File: MH04055.41

November 2006

Appendix D

APPENDIX E

USEPA File Review Documents

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II
EDISON, NEW JERSEY 08837

April 14, 2000

Mr. Richard Koelling, Chief
Bureau of Construction Services
New York State Department of Environmental Conservation
50 Wolf Road
Albany, NY 12233-4011

Re: Foster Refrigeration Site
City of Hudson, Columbia County, New York

Dear Mr. Koelling:

This letter serves to notify you that United States Environmental Protection Agency (EPA) has completed a Removal Action at the Foster Refrigeration Site located at the address referenced above. The Comprehensive Environmental Response Compensation and Liability Act (CERCLA) funded Removal Action was initiated on October 15, 1999, and completed on December 17, 1999.

This action included the identification, removal and disposal of all hazardous wastes located at the property identified above. Materials at the site consisted of approximately 68 drums of heavy metal and cyanide contaminated liquid, 14 Freon cylinders, and 20 cubic yards of contaminated soil and drum debris. All materials were transported offsite for disposal.

Areas of potentially contaminated soil were sampled during the removal. The levels of contaminants found in these samples do not warrant further removal action under CERCLA. A copy of the laboratory analyses are enclosed.

At this time, EPA does not anticipate further action at the site. Should you have any questions or require additional information regarding the site, please contact Arlene Anderson of the Response and Prevention Branch at 908-906-6803.

Sincerely yours,

Bruce Sprague, Chief
Response and Prevention Branch

Enclosure

COPIES:

A. Carlson
E. Hamilton

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE: December 6, 1999

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 1

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

Bruce Sprague, 2ERRD-RPB
T. Johnson, 5202G
M. Cervantes, 2CD
R. Cahill, 2CD-PAT
C. Kelley, START
P. Simon, 2ORC-NYCSB
G. Zachos, 2ERRD
T. Vickerson, NYSDEC
A. Raddant, DOI
G. Vandenberg, NOAA
C. Buttterworth, DPW-City of Hudson
D. Kodama, 2ERRD-RPB
R. Byrnes, EPA, 2OIG
J. Witkowski, 2ERRD-RAB
B. Dease, 2ERRD-RPB
W. Lometti, 2CID
Marla Wieder, 2ORC-NYCSB
M. O'Toole, NYSDEC
Matt Franklin, NYSDEC- Region 4
J. LaPadula, 2ERRD-NYRB
A. Block, ATSDR

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/15/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	N/A
COMPLETION DATE:	N/A

II. SITE INFORMATION:

A. Incident Category: Abandoned facility

result of the START geophysical survey showed five (5) areas approximately 50 by 100 feet containing buried drums.

14 Freon cylinders were removed by MG industries for disposal on 11/17/99. The two (2) ASTs were cleaned out and permanently dismantled. Approximately 8,324 gallons of petroleum mixture was shipped off for recycling on 11/17/99. Overpacking of 68 drums was initiated and continued through 11/20 and 11/21/99. The shipment of the drums for disposal occurred on 11/22/99. The USTs will be vacuumed out on 11/22/99 then cleaned out; disabled and abandoned on site. Demobilization from the site will occur on 11/24/99. Preparations for returning to the site on 11/29/99 to continue the removal of the buried drums continue.

B. Next Steps:

a) Prepare a Procurement Request and memo to finance and the Contracting Officer requesting more funding to address the removal of buried drums at the site.

b) Schedule mobilization to the Site on November 29, 1999. At this point the removal of the buried drums will be initiated.

IV. COST INFORMATION:

The following table contains information on estimated costs for the removal action as of November 21, 1999:

	Ceiling	Cost to Date	Remaining Project Funds
ERRS	$100,000	$ 35,195.87	$ 65,865.13
START	$ 85,000	$ 6,873.60	$ 78,126.40
EPA	$120,000	$ 3,745.00	$116,255.00
TOTAL	$305,000	$ 45,814.47	$260,246.53

% Expenditure to Date:15.02%

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E. Hamilton
Walt FYI/file

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE: December 7, 1999

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 2

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

Bruce Sprague, 2ERRD-RPB
T. Johnson, 5202G
M. Cervantes, 2CD
R. Cahill, 2CD-PAT
C. Kelley, START
P. Simon, 2ORC-NYCSB
G. Zachos, 2ERRD
T. Vickerson, NYSDEC
A. Raddant, DOI
G. Vandenberg, NOAA
C. Buttterworth, DPW-City of Hudson
D. Kodama, 2ERRD-RPB
R. Byrnes, EPA, 2OIG
J. Witkowski, 2ERRD-RAB
B. Dease, 2ERRD-RPB
W. Lometti, 2CID
Marla Wieder, 2ORC-NYCSB
M. O'Toole, NYSDEC
Matt Franklin, NYSDEC- Region 4
J. LaPadula, 2ERRD-NYRB
A. Block, ATSDR

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/15/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	N/A
COMPLETION DATE:	N/A

II. SITE INFORMATION:

A. Incident Category: Abandoned facility

B. Site Description: See Polrep #1

Petroleum Mixture	8,324 gallon	Separate and Recycle of the products.	Clean Ventures, Inc.- Camden, NJ
RQ-Flammable, Corrosive, Liquids nos.D035, F001, F005, U080, D001-B, D002, D004, D006-A, MEK Arsenic, Cadmium	68 over-pack drums--3,740 gallons	Incineration	Ross Incineration Services-Grafton, OH

Further Polreps Forthcoming: yes

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U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE: December 27, 1999

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 3

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

B. Sprague, 2ERRD-RPB
T. Johnson, 5202G
M. Cervantes, 2CD
R. Cahill, 2CD-PAT
C. Kelley, START
P. Simon, 2ORC-NYCSB
G. Zachos, 2ERRD
T. Vickerson, NYSDEC
A. Raddant, DOI
G. Vandenberg, NOAA
C. Buttterworth, DPW-City of Hudson
D. Kodama, 2ERRD-RPB
R. Byrnes, EPA, 2OIG
J. Witkowski, 2ERRD-RAB
B. Dease, 2ERRD-RPB
W. Lometti, 2CID
M. Wieder, 2ORC-NYCSB
M. O'Toole, NYSDEC
M. Franklin, NYSDEC- Region 4
J. LaPadula, 2ERRD-NYRB
A. Block, ATSDR

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/15/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	N/A
COMPLETION DATE:	N/A

II. SITE INFORMATION:

A. Incident Category: An abandoned facility, which produced commercial refrigeration units.

B. Site Description:

1. Site description

See Polrep #1

III. RESPONSE INFORMATION:

A. Current situation:

The finalized geophysical survey report showed nine areas where buried drums may be located. The grubbing and clearing was completed on 12/3/99. On 12/6/99, the excavation on the northeast side of the building area #1, section #2, was completed. This excavation resulted in finding of a buried construction and debris materials. There was no evidence of drums or decomposition of drums materials. There were some metal bottles and metal wires in the excavated area. A soil composite samples were taken for hazcatting analysis. The results of the hazcatting were negative for all the hazcat parameters. On 12/7/99, area #1, section #1 was divided into two parts A and B. Section #1A was excavated first. These sections also showed no evidence of buried drums or decomposed drum materials. On 12/8 and 12/9/99, area #2, sections #5, #4, #3, and #2 were excavated and they did not show any evidence of drums or decomposed drums. When excavating area #2, section #1, a drum carcass was found and removed. The hazcat results was positive for combustibility, and negative for PCB.

IV. COST INFORMATION:

The following table contains information on estimated costs for the removal action as of December 10, 1999:

	Ceiling	Cost to Date	Remaining Project Funds
ERRS	$335,000	$111,689.28	$223,310.72
START	$ 85,000	$ 18,025.00	$ 66,975.00
EPA	$120,000	$ 8,265.00	$111,735.00
TOTAL	$540,000	$137,979.28	$402,020.72

% Expenditure to Date: 25.55%

V. DISPOSITION OF WASTES:

Waste Stream /Medium	Quantity	Type of Treatment/Disposal	Disposal Facility/ Location
Freon cylinders	14	Mass Spec. analysis to determine the eligibility of the materials to be recycled/ reuse of cylinders.	MG Industries, Morrisville, PA
Petroleum Mixture	8,324 gallon	Separate and Recycle of the products.	Clean Ventures, Inc.- Camden, NJ
RQ-Flammable, Corrosive, Liquids nos.D035, F001, F005, U080, D001-B, D002, D004, D006-A, MEK Arsenic, Cadmium	68 over-pack drums--3,740 gallons	Incineration	Ross Incineration Services-Grafton, OH

Further Polreps Forthcoming: yes

COPIES: A. Carlson
E. Hamilton

19

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE:

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 4

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

B. Sprague, 2ERRD-RPB
T. Johnson, 5202G
M. Cervantes, 2CD
R. Cahill, 2CD-PAT
C. Kelley, START
P. Simon, 2ORC-NYCSB
G. Zachos, 2ERRD
T. Vickerson, NYSDEC
A. Raddant, DOI
G. Vandenberg, NOAA
C. Buttterworth, DPW-City of Hudson
D. Kodama, 2ERRD-RPB
R. Byrnes, EPA, 2OIG
J. Witkowski, 2ERRD-RAB
B. Dease, 2ERRD-RPB
W. Lometti, 2CID
M. Wieder, 2ORC-NYCSB
M. O'Toole, NYSDEC
M. Franklin, NYSDEC- Region 4
J. LaPadula, 2ERRD-NYRB
A. Block, ATSDR

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/15/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	12/16/99
COMPLETION DATE:	12/17/99

II. SITE INFORMATION:

A. Incident Category: An abandoned facility, which produced commercial refrigeration units.

B. Site Description:

1. Site description

See Polrep #1

III. RESPONSE INFORMATION:

A. Current situation:

On 12/9 and 12/10/99, area #2, section #1 was excavated and one drum was found. The hazcat results showed the black solid organic material to be positive for combustibility and negative for PCB. There no further drums found in this area, this drum was overacted and stored on the drum pad until disposal can be arranged. Excavation of area #1, section #three began on 12/10/99 and continued until 12/13/99, several drums were found with some liquid product in them. The hazcat results showed positively for three RCRA characteristics categories: ignitability, flammability, and combustibility unknowns. These drums appeared similar to the products found in the drums stored inside the facility. The drums were stored on the drum pad in the appropriated waste streams until disposal and transportation arrangements can be made for them.

This area had numerous drum carcasses and it became physically impossible to identify the drum pieces with the materials found in the soil of the excavated area. All of the carcasses, soil and materials found in this area were staged in a contaminated soil containment area. The air monitoring during the excavation activities did not show any level above background readings; the samples of the soils were hazcatted, but the findings were negative for RCRA characteristics. The excavation and segregation activities will continue until 12/14/99.

On 12/14/99, excavation and segregation activities was terminated. In all the areas, there were numerous metal materials found during the excavation. Approximately six drums, 20 yards of drum carcasses, contaminated soils, and materials were found. During the excavation activities, the materials found appeared to be similar to the material found in the 68 drums stored inside the building. The hazcat results were identical to the drum's results. A 20-yard hazardous material roll-off was ordered to store, transport, and dispose of the materials. Soil samples of each excavation area and section were taken and sent to a lab for analysis. The results will be available in two weeks. On 12/16/99, the hazardous material roll-off was transported to the Ross Incinerations Company for incineration and all site activities have been terminated. The demobilization of equipment and personnel was completed on 12/16/99.

IV. COST INFORMATION:

The following table contains information on estimated costs for the removal action as of December 16, 1999:

	Ceiling	Cost to Date	Remaining Project Funds
ERRS	$335,000	$136,388.68	$198,611.32
START	$ 85,000	$ 18,025.00	$ 66,975.00
EPA	$120,000	$ 10,265.00	$109,735.00
TOTAL	$540,000	$164,678.68	$375,321.32

% Expenditure to Date: 30.50%

V. DISPOSITION OF WASTES:

Waste Stream /Medium	Quantity	Type of Treatment/Disposal	Disposal Facility/ Location
Freon cylinders	14	Mass Spec. analysis to determine the eligibility of the materials to be recycled/reuse of cylinders.	MG Industries, Morrisville, PA
Petroleum Mixture	8,324 gallon	Separate and Recycle of the products.	Clean Ventures, Inc.- Camden, NJ
RQ- Flammable, Corrosive, Liquids nos.D035, F001, F005, U080, D001-B, D002, D004, D006-A, MEK Arsenic, Cadmium	68 over-pack drums- ~3,740 gallons 20-yds. Roll-off	Incineration	Cycle Chem Incorporated- Elizabeth, NJ Ross Incineration Services-Grafton, OH

Further Polreps Forthcoming: yes

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE: January 7, 2000

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 5

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

B. Sprague, 2ERRD-RPB
T. Johnson, 5202G
M. Cervantes, 2CD
R. Cahill, 2CD-PAT
C. Kelley, START
P. Simon, 2ORC-NYCSB
G. Zachos, 2ERRD
T. Vickerson, NYSDEC
A. Raddant, DOI
G. Vandenberg, NOAA
C. Buttterworth, DPW-City of Hudson
D. Kodama, 2ERRD-RPB
R. Byrnes, EPA, 2OIG
J. Witkowski, 2ERRD-RAB
B. Dease, 2ERRD-RPB
W. Lometti, 2CID
M. Wieder, 2ORC-NYCSB
M. O'Toole, NYSDEC
M. Franklin, NYSDEC- Region 4
J. LaPadula, 2ERRD-NYRB
A. Block, ATSDR

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/15/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	12/16/99
COMPLETION DATE:	12/17/99

II. SITE INFORMATION:

A. Incident Category: An abandoned facility, which produced commercial refrigeration units.

B. Site Description:

1. Site description

See Polrep #1

III. RESPONSE INFORMATION:

A. Current situation:

On 12/21/99, EPA submitted a potential claim against the Estate of Lawrence H. Foster in the Kings County Surrogate's Court File No. 3504-99. On 1/6/00, CycleChem Inc., Elizabeth, New Jersey, shipped 68 drums from Elizabeth, New Jersey to Ross Incineration in Grafton, Ohio for incineration.

IV. COST INFORMATION:

The following table contains information on estimated costs for the removal action as of December 16, 1999:

	Ceiling	Cost to Date	Remaining Project Funds
ERRS	$335,000	$142,141.62	$192,858.38
START	$ 85,000	$ 18,025.00	$ 66,975.00
EPA	$120,000	$ 10,565.00	$109,435.00
TOTAL	$540,000	$170,731.62	$368,668.38

% Expenditure to Date: 31.62%

V. DISPOSITION OF WASTES:

Waste Stream /Medium	Quantity	Type of Treatment/Disposal	Disposal Facility/ Location
Freon cylinders	14	Mass Spec. analysis to determine the eligibility of the materials to be recycled/reuse of cylinders.	MG Industries, Morrisville, PA
Petroleum Mixture	8,324 gallon	Separate and Recycle of the products.	Clean Ventures, Inc.- Camden, NJ
RQ-Flammable, Corrosive, Liquids nos.D035, F001, F005, U080, D001-B, D002, D004, D006-A, MEK Arsenic, Cadmium	68 over-pack drums-~3,740 gallons 20-yds. Roll-off	Incineration	Ross Incineration Services-Grafton, OH

Further Polreps Forthcoming: yes

Copy: Andy Carlson
D. Koellin
E. Hamilton
Walt Fi

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE: JUN 05 2000

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 6

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

B. Sprague, 2ERRD-RPB	D. Kodama, 2ERRD-RPB
T. Johnson, 5202G	R. Byrnes, 2OIG
M. H. Cervantes-Gross, 2CD	J. Witkowski, 2ERRD-RAB
R. Cahill, 2CD-PAT	B. Dease, 2ERRD-RPB
C. Kelley, START	W. Lometti, 2CID
P. Simon, 2ORC-NYCSB	M. Wieder, 2ORC-NYCSB
G. Zachos, 2ERRD	M. O'Toole, NYSDEC
C. Rudick, NYSDEC	M. Franklin, NYSDEC- Region 4
A. Raddant, DOI	J. LaPadula, 2ERRD-NYRB
LCDR E. Christman, NOAA	A. Block, ATSDR
C. Butterwort, DPW-City of Hudson	

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/26/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	12/16/99
COMPLETION DATE:	12/17/99

JUN 13 2000

II. SITE INFORMATION:

A. Incident Category: An abandoned facility, which produced commercial refrigeration units.

RECEIVED
JUN - 7 2000
DIVISION OF ENVIRONMENTAL REMEDIATION

B. Site Description:

1. Site description

See Polrep #1

III. RESPONSE INFORMATION:

A. Current situation:

On 4/14/00, letter issued to NYSDEC informing them that removal activities are completed. On 6/1/00, the Certificate of Destruction was issued from Ross Incineration, Grafton, Ohio, for the 68 drums. Invoice #3 was approved for full payment.

IV. COST INFORMATION:

The following table contains information on estimated costs for the removal action as of June 1, 2000:

	Ceiling	Cost to Date	Remaining Project Funds
ERRS	$335,000	$155,853.40	$179,146.60
START	$ 85,000	$ 18,025.00	$ 66,975.00
EPA	$120,000	$ 10,565.00	$109,435.00
TOTAL	$540,000	$184,443.40	$355,556.60

% Expenditure to Date: 34.2%

V. DISPOSITION OF WASTES:

Waste Stream /Medium	Quantity	Type of Treatment/Disposal	Disposal Facility/ Location
Freon cylinders	14	Mass Spec. analysis to determine the eligibility of the materials to be recycled/reuse of cylinders.	MG Industries, Morrisville, PA
Petroleum Mixture	8,324 gallon	Separate and Recycle of the products.	Clean Ventures, Inc.- Camden, NJ
RQ-Flammable, Corrosive, Liquids nos.D035, F001, F005, U080, D001-B, D002, D004, D006-A, MEK Arsenic, Cadmium	68 over-pack drums--3,740 gallons 20-yds. Roll-off	Incineration	Ross Incineration Services-Grafton, OH

Further Polreps Forthcoming: yes

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT

DATE: FEB -6 2001

SUBJECT: Foster Refrigeration, 119 North Second Street, Hudson, NY
Pollution Report No: 7 and FINAL

FROM: Arlene R. Anderson, On-Scene Coordinator
Response Prevention Branch

TO:

B. Sprague, 2ERRD-RPB	**D. Kodama,** 2ERRD-RPB
T. Johnson, 5202G	**R. Byrnes,** 2OIG
M. H. Cervantes-Gross, 2CD	**J. Witkowski,** 2ERRD-RAB
R. Cahill, 2CD-PAT	**B. Dease,** 2ERRD-RPB
C. Kelley, RST	**W. Lometti,** 2CID
P. Simon, 2ORC-NYCSB	**M. Wieder,** 2ORC-NYCSB
G. Zachos, 2ERRD	**M. O'Toole,** NYSDEC
C. Rudick, NYSDEC	**M. Franklin,** NYSDEC- Region 4
A. Raddant, DOI	**J. LaPadula,** 2ERRD-NYRB
LCDR E. Christman, NOAA	**A. Block,** ATSDR

C. Buttterworth, DPW-City of Hudson

I. BACKGROUND:

SITE NO:	NM
DELIVERY ORDER NO:	0010
D. ORDER COMPLETE DATE:	09/15/00
RESPONSE AUTHORITY:	CERCLA
CERCLIS NO:	NYSFN0204224
NPL STATUS:	No
STATE NOTIFICATION:	06/22/99
ACTION MEMO APPROVAL:	09/30/99
START DATE:	10/26/99
MOBILIZATION DATE:	11/15/99
DEMOBILIZATION DATE:	12/16/99
COMPLETION DATE:	12/17/99

II. SITE INFORMATION:

A. Incident Category: An abandoned facility, which produced commercial refrigeration units.

B. Site Description:

1. Site description
See Polrep #1

III. RESPONSE INFORMATION:

A. Current situation:

Invoice #4 was approved for full payment and there is no further cost anticipated. The Office of Regional Counsel (ORC) will be sending the tenant to Foster Refrigeration, Mr. Dinardi a 104e letter requesting information on his activities at the site. A procurement request to deobligate $150,000 from the Foster Refrigeration site account was finalized. The facility does not require any further removal activities.

IV. COST INFORMATION:

The following table contains information on estimated costs for the removal action as of June 1, 2000:

	Ceiling	Cost to Date	Remaining Project Funds
ERRS	$335,000	$156,698.98	$178,301.02
START	$ 85,000	$ 18,025.00	$ 66,975.00
EPA	$120,000	$ 10,565.00	$109,435.00
TOTAL	$540,000	$185,288.98	$354,711.02

% Expenditure to Date: 34.3%

V. DISPOSITION OF WASTES:

Waste Stream /Medium	Quantity	Type of Treatment/Disposal	Disposal Facility/ Location
Freon cylinders	14	Mass Spec. analysis to determine the eligibility of the materials to be recycled/reuse of cylinders.	MG Industries, Morrisville, PA
Petroleum Mixture	8,324 gallon	Separate and Recycle of the products.	Clean Ventures, Inc.- Camden, NJ
RQ-Flammable, Corrosive, Liquids nos.D035, F001, F005, U080, D001-B, D002, D004, D006-A, MEK Arsenic, Cadmium	68 over-pack drums-~3,740 gallons 20-yds. Roll-off	Incineration	Ross Incineration Services-Grafton, OH

Further Polreps Forthcoming: No

APPENDIX F

Data Usability Summary Report

CW CHEMWORLD ENVIRONMENTAL, INC.
Environmental Consulting Services

December 27, 2006

Mr. Richard Hooker
Project Manager
Ecosystems Strategies, Inc.
24 Davis Avenue
Poughkeepsie, New York 12603

RE: Data Usability Summary Report (DUSR)
Foster's Refrigeration Project
CHEMTECH Laboratories, Mountainside, NJ
Lab Project Nos. X2995, X4336, X4337 and X5547
Soil and Water Samples
Analyses for Volatile Organics, Semi-Volatiles (Base/Neutral and Acid Extractable Organics), Pesticides, Polychlorinated Biphenyls (PCB's), Inorganics (Metals) and Lead, only

Dear Mr. Hooker:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the Foster's Refrigeration Project for the soil sampling events of May 24, 2006 and August 29, 2006, and the water sampling event of November 16, 2006. The DUSR review was performed in accordance with United States Environmental Protection Agency (USEPA) Region II data validation guidelines and New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocols (ASP) requirements, where applicable.

The analytical data from the Lab Project Nos. noted above was reviewed (screened) for the parameters noted. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Result Forms are included as Attachment A. These Forms include data qualifiers as described within this letter report. Unless otherwise noted, all results included on the Forms are considered usable, based upon the DUSR review items noted below. Attachment B includes copies of the associated Case Narratives and the Chain-of-Custody forms.

The DUSR review items include the following, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Review
- Holding Times from Verified Time of Sample Receipt (VTSR)
- Surrogate Recovery
- GC/MS Instrument Performance Check
- Initial and Continuing Calibration
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blank (MSB) or Laboratory Control Sample (LCS)
- Internal Standards
- Method and Field Blanks
- Tentatively Identified Compounds (TICs)
- CRDL Standards for ICP
- Laboratory Duplicate Samples
- ICP Interference Check
- ICP Serial Dilutions

14 Orchard Way North, Rockville, Maryland 20854, Tel. 301-294-6144, Fax 301-~~309-6640~~ 294-6144

The QC Summary Forms included various deviations based upon the acceptable limits for quality control. The following should be noted regarding qualification of the data set for the review items above.

Volatiles - Soil, Lab Project No. X2995

Continuing Calibrations: Two associated continuing calibrations were found to generate Percent Difference (%D's) of greater than 25% for various volatile compounds. The continuing calibrations affected include: 05/31/06 at 09:31 and 05/30/06 at 09:32. Two to three compounds from each calibration exceeded the %D limit of 25% within a range of 28.5% to 62.2%. The compounds affected include: Chloromethane, 1,2-Dibromoethane and 1,2-Dibromo-3-chloropropane. The associated soil and water samples were qualified as 'UJ', estimated, for the non-detectable results for the compounds associated with the particular continuing calibration. Positive results were not detected for the compounds affected.

Laboratory Control Sample (LCS): Two LCS's were analyzed for the samples. The compound 1,2-Dibromoethane generated low recovery for both LCS's at 36% and 21% (Limit 70-130). The samples were qualified as 'UJ', estimated, for the non-detectable results for this compound. Positive results were not detected. It should be noted that there were various other compounds which exhibited high or low recovery, however, qualification was not required in these cases.

Semi-Volatiles - Soil, Lab Project No. X2995

Continuing Calibrations: Two associated continuing calibrations were found to generate %D's of greater than 25% for two semi-volatile compounds. The continuing calibrations affected include: 06/01/06 at 09:38 and 06/02/06 at 17:15. One compound from each calibration exceeded the %D limit of 25% within a range of 31.7% to 40.4%. The compounds affected include: 2,4-Dinitrophenol and Indeno (1,2,3-cd) pyrene. The associated soil samples were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the compounds associated with the particular continuing calibration.

Internal Standards: Low internal standard recovery was noted for Chrysene-d12 and Perylene-d12 for samples TP-7(1.5) and TP-7(1.5)RE. It appears that a matrix interference may be present for this sample. Sample TP-7(1.5) and the re-analysis were qualified as 'J', estimated, for the positive results and 'UJ', estimated, for the non-detectable results for the semi-volatile organics associated with the particular internal standards noted.

TICs: The associated method blank included TIC compounds for ACP2.28 at 1600 ug/Kg and Squalene at 340 ug/Kg. The samples were qualified as 'R', unusable, for these TICs, where the TIC sample concentration was found to be less than five times the associated method blank result.

Pesticides - Soil, Lab Project No. X2995

Continuing Calibrations: Several associated continuing calibrations were found to generate %D's of greater than 15% for 4,4'-DDD, 4,4'-DDT and Methoxychlor. The compounds from each calibration exceeded the %D limit of 15% within a range of 18% to 32%. The associated soil samples were qualified as 'UJ', estimated, for the non-detectable results for the compounds associated with the particular continuing calibration. Positive results were not detected.

PCB's - Soil, Lab Project No. X2995

Qualification of the data set for the PCB analyses was not required. Quality control was found to be acceptable.

Inorganics (Metals) - Soil, Lab Project No. X2995

Qualification of the data set for the Inorganic analyses was not required. Quality control was found to be acceptable.

PCB's - Soil, Lab Project No. X4336

Continuing Calibration: Several associated continuing calibrations on 9/10/06 were found to generate %D's of greater than the 15% limit for Aroclor 1260. The %D's were generated within a range of 17.4% to 32.6%. The associated soil samples were qualified as 'UJ', estimated, for the non-detectable results for the Aroclor 1260 results associated with the particular continuing calibration. Positive results were not detected.

MS/MSD: Sample B8-A (0-4) was used for the site-specific MS/MSD sample set. However, it appears that some type of interference or matrix effect was present, due to the high recovery generated for both the MS and MSD. Recoveries within the range of 242% to 802% were generated for Aroclors 1016 and 1260 (limits ranging from 55-140%). It should be noted that the associated LCS generated acceptable recovery for Aroclors 1016 and 1260. The samples did not require qualification based upon this MS/MSD.

Dilutions Required: It should be noted that samples B8-C (0-4) and B8-C (8-12) required dilution, due to high concentrations of PCB's, specifically Aroclor 1254.

Lead, only - Soil, Lab Project No. X4336

Qualification of the data set for the Lead analyses was not required. Quality control was found to be acceptable.

Lead, only - Soil, Lab Project No. X4337

Qualification of the data set for the Lead analyses was not required. Quality control was found to be acceptable.

Inorganics (Metals) – Water (Filtered and Unfiltered), Lab Project No. X5547

Preparation Blank: One preparation blank was analyzed for the associated water samples for Inorganics and two preparation blanks were analyzed for Mercury. The following inorganics were detected in the preparation blanks.

Potassium at: 136.2 ug/L
Mercury at: 0.048 ug/L

Limits of five times the inorganic results above were used for review and qualification of the associated water samples. Sample results which were found to be less than the respective preparation blank limit were qualified as 'U', not detected. It should be noted that the positive results for Mercury for the 'filtered samples' were found to be less than five times the associated preparation blank result for Mercury, therefore, these results were qualified as 'U', not detected.

Laboratory Duplicate Sample: Poor precision (Relative Percent Difference) was generated for Chromium at 26.3% RPD (Limit 20%). The associated samples were qualified as 'J', estimated for the positive results for Chromium.

ICP Serial Dilution: The following inorganics generated %D's of greater than 10% for serial dilution.

Barium	44.1%
Chromium	100%
Potassium	100%
Sodium	16.0%
Zinc	100%

The associated sample results for the inorganics noted above were qualified as 'J', estimated, for the positive results exceeding ten times the respective Instrument Detection Limit (IDL).

Please contact me by telephone or Fax at 301-294-6144, should you require additional information or clarification regarding this Letter Report.

Sincerely,

Andrea P. Schuessler

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.

c: EC-2006.2 file

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

INORGANIC DATA QUALIFIERS

U - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.

B - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.

J - The reported value is estimated due to variance from quality control limits.

UJ - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.

E - Reported value is estimated because of the presence of interference.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not analyzed.

ATTACHMENT A

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TP-7(1.5)	SDG No.:	X2995
Lab Sample ID:	X2995-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	42
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK006571.D	1	5/30/2006	VK050406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	7.2	U	42	7.2	ug/Kg
74-87-3	Chloromethane	7.1	U	42	7.1	ug/Kg
75-01-4	Vinyl chloride	6.9	U	42	6.9	ug/Kg
74-83-9	Bromomethane	17	UJ	42	17	ug/Kg
75-00-3	Chloroethane	18	UJ	42	18	ug/Kg
75-69-4	Trichlorofluoromethane	10	U	42	10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.6	U	42	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	4.8	U	42	4.8	ug/Kg
67-64-1	Acetone	28	U	210	28	ug/Kg
75-15-0	Carbon disulfide	3.1	U	42	3.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	3.1	U	42	3.1	ug/Kg
79-20-9	Methyl Acetate	7.2	U	42	7.2	ug/Kg
75-09-2	Methylene Chloride	15	U	42	15	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.3	U	42	5.3	ug/Kg
75-34-3	1,1-Dichloroethane	2.3	U	42	2.3	ug/Kg
110-82-7	Cyclohexane	2.7	U	42	2.7	ug/Kg
78-93-3	2-Butanone	24	U	210	24	ug/Kg
56-23-5	Carbon Tetrachloride	3.7	U	42	3.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.7	U	42	2.7	ug/Kg
67-66-3	Chloroform	2.9	U	42	2.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	3.5	U	42	3.5	ug/Kg
108-87-2	Methylcyclohexane	3.5	U	42	3.5	ug/Kg
71-43-2	Benzene	3.3	U	42	3.3	ug/Kg
107-06-2	1,2-Dichloroethane	2.6	U	42	2.6	ug/Kg
79-01-6	Trichloroethene	2.6	U	42	2.6	ug/Kg
78-87-5	1,2-Dichloropropane	3.3	U	42	3.3	ug/Kg
75-27-4	Bromodichloromethane	2.8	U	42	2.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	17	U	210	17	ug/Kg
108-88-3	Toluene	3.4	U	42	3.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	3.0	U	42	3.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.8	U	42	2.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	2.5	U	42	2.5	ug/Kg

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	**Date Collected:**	5/24/2006
Project:	MH04055.41	**Date Received:**	5/26/2006
Client Sample ID:	TP-7(1.5)	**SDG No.:**	X2995
Lab Sample ID:	X2995-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	42
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK006571.D	1	5/30/2006	VK050406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	30	U	210	30	ug/Kg
124-48-1	Dibromochloromethane	1.9	U	42	1.9	ug/Kg
106-93-4	1,2-Dibromoethane	3.4	UJ	42	3.4	ug/Kg
127-18-4	Tetrachloroethene	6.1	U	42	6.1	ug/Kg
108-90-7	Chlorobenzene	3.0	U	42	3.0	ug/Kg
100-41-4	Ethyl Benzene	3.0	U	42	3.0	ug/Kg
126777-61-2	m/p-Xylenes	7.2	U	84	7.2	ug/Kg
95-47-6	o-Xylene	3.2	U	42	3.2	ug/Kg
100-42-5	Styrene	3.9	U	42	3.9	ug/Kg
75-25-2	Bromoform	2.6	U	42	2.6	ug/Kg
98-82-8	Isopropylbenzene	3.5	U	42	3.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.6	U	42	2.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.7	U	42	4.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.6	U	42	4.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	3.2	U	42	3.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.9	U	42	7.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.7	U	42	5.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.01	88 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.27	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	51.95	104 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.65	87 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	244307	3.50			
540-36-3	1,4-Difluorobenzene	334532	3.91			
3114-55-4	Chlorobenzene-d5	280422	6.68			
3855-82-1	1,4-Dichlorobenzene-d4	143373	8.95			

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	23
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK006572.D	1	5/30/2006	VK050406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.5	U	32	5.5	ug/Kg
74-87-3	Chloromethane	5.5	U	32	5.5	ug/Kg
75-01-4	Vinyl chloride	5.3	U	32	5.3	ug/Kg
74-83-9	Bromomethane	13	UJ	32	13	ug/Kg
75-00-3	Chloroethane	14	UJ	32	14	ug/Kg
75-69-4	Trichlorofluoromethane	8.0	U	32	8.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.3	U	32	4.3	ug/Kg
75-35-4	1,1-Dichloroethene	3.7	U	32	3.7	ug/Kg
67-64-1	Acetone	22	U	160	22	ug/Kg
75-15-0	Carbon disulfide	2.4	U	32	2.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.4	U	32	2.4	ug/Kg
79-20-9	Methyl Acetate	5.6	U	32	5.6	ug/Kg
75-09-2	Methylene Chloride	12	U	32	12	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.1	U	32	4.1	ug/Kg
75-34-3	1,1-Dichloroethane	1.7	U	32	1.7	ug/Kg
110-82-7	Cyclohexane	2.1	U	32	2.1	ug/Kg
78-93-3	2-Butanone	18	U	160	18	ug/Kg
56-23-5	Carbon Tetrachloride	2.8	U	32	2.8	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2.1	U	32	2.1	ug/Kg
67-66-3	Chloroform	2.2	U	32	2.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.7	U	32	2.7	ug/Kg
108-87-2	Methylcyclohexane	2.7	U	32	2.7	ug/Kg
71-43-2	Benzene	2.6	U	32	2.6	ug/Kg
107-06-2	1,2-Dichloroethane	2.0	U	32	2.0	ug/Kg
79-01-6	Trichloroethene	2.0	U	32	2.0	ug/Kg
78-87-5	1,2-Dichloropropane	2.6	U	32	2.6	ug/Kg
75-27-4	Bromodichloromethane	2.2	U	32	2.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13	U	160	13	ug/Kg
108-88-3	Toluene	2.6	U	32	2.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.3	U	32	2.3	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.1	U	32	2.1	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.9	U	32	1.9	ug/Kg

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	23
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK006572.D	1	5/30/2006	VK050406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	23	U	160	23	ug/Kg
124-48-1	Dibromochloromethane	1.5	U	32	1.5	ug/Kg
106-93-4	1,2-Dibromoethane	2.6	U J	32	2.6	ug/Kg
127-18-4	Tetrachloroethene	4.7	U	32	4.7	ug/Kg
108-90-7	Chlorobenzene	2.3	U	32	2.3	ug/Kg
100-41-4	Ethyl Benzene	2.3	U	32	2.3	ug/Kg
126777-61-2	m/p-Xylenes	5.6	U	64	5.6	ug/Kg
95-47-6	o-Xylene	2.5	U	32	2.5	ug/Kg
100-42-5	Styrene	3.0	U	32	3.0	ug/Kg
75-25-2	Bromoform	2.0	U	32	2.0	ug/Kg
98-82-8	Isopropylbenzene	2.7	U	32	2.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U	32	2.0	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.6	U	32	3.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.5	U	32	3.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.5	U	32	2.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.1	U	32	6.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.4	U	32	4.4	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.17	92 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.51	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	52.73	105 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.82	92 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	215972	3.50			
540-36-3	1,4-Difluorobenzene	303069	3.91			
3114-55-4	Chlorobenzene-d5	257523	6.68			
3855-82-1	1,4-Dichlorobenzene-d4	136384	8.95			

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X2995
Lab Sample ID:	X2995-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH007057.D	1	5/31/2006	VH053006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U J	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	1.5	J	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092. Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TRIPBLANK	SDG No.:	X2995
Lab Sample ID:	X2995-03	Matrix:	WATER
Analytical Method:	8260	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH007057.D	1	5/31/2006	VH053006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U J	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U J	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.39	107 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	54.52	109 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	49.15	98 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	46.76	94 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	520859	4.80			
540-36-3	1,4-Difluorobenzene	794712	5.42			
3114-55-4	Chlorobenzene-d5	950335	9.16			
3855-82-1	1,4-Dichlorobenzene-d4	526794	11.68			
TENTITIVE IDENTIFIED COMPOUNDS						
000302-72-7	dl-Alanine	5.9	J	1.02		ug/L
000086-73-7	Fluorene	9.5	J	13.45		ug/L
000275-51-4	Azulene	16	J	13.57		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TP-7(1.5)	SDG No.:	X2995
Lab Sample ID:	X2995-01	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	42
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003887.D	1	5/30/2006	6/1/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	120	U	570	120	ug/Kg
108-95-2	Phenol	86	U	570	86	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90	U	570	90	ug/Kg
95-57-8	2-Chlorophenol	91	U	570	91	ug/Kg
95-48-7	2-Methylphenol	95	U	570	95	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	570	92	ug/Kg
98-86-2	Acetophenone	83	U	570	83	ug/Kg
106-44-5	3+4-Methylphenols	90	U	570	90	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	570	94	ug/Kg
67-72-1	Hexachloroethane	97	U	570	97	ug/Kg
98-95-3	Nitrobenzene	120	U	570	120	ug/Kg
78-59-1	Isophorone	85	U	570	85	ug/Kg
88-75-5	2-Nitrophenol	87	U	570	87	ug/Kg
105-67-9	2,4-Dimethylphenol	90	U	570	90	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94	U	570	94	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	570	110	ug/Kg
91-20-3	Naphthalene	97	U	570	97	ug/Kg
106-47-8	4-Chloroaniline	68	U	570	68	ug/Kg
87-68-3	Hexachlorobutadiene	87	U	570	87	ug/Kg
105-60-2	Caprolactam	91	U	570	91	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	570	79	ug/Kg
91-57-6	2-Methylnaphthalene	95	U	570	95	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	570	91	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	570	84	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87	U	1400	87	ug/Kg
92-52-4	1,1-Biphenyl	94	U	570	94	ug/Kg
91-58-7	2-Chloronaphthalene	94	U	570	94	ug/Kg
88-74-4	2-Nitroaniline	72	U	1400	72	ug/Kg
131-11-3	Dimethylphthalate	91	U	570	91	ug/Kg
208-96-8	Acenaphthylene	92	U	570	92	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	570	80	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TP-7(1.5)	SDG No.:	X2995
Lab Sample ID:	X2995-01	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	42
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003887.D	1	5/30/2006	6/1/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	570	72	ug/Kg
53-70-3	Dibenz(a,h)anthracene	71	U J	570	71	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	570	94	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	114.04	76 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	126.82	85 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	76.53	77 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	51.63	52 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	116.71	78 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	77.2	77 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	158389	3.86			
1146-65-2	Naphthalene-d8	609906	5.25			
15067-26-2	Acenaphthene-d10	320287	7.31			
1517-22-2	Phenanthrene-d10	443750	9.08			
1719-03-5	Chrysene-d12	158430	12.26			
1520-96-3	Perylene-d12	85985	13.86			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.38	2900 R	~~AB~~	2.38		ug/Kg

R = unusable

U = Not Detected
RL = Reporting Limit
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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TP-7(1.5)RE	SDG No.:	X2995
Lab Sample ID:	X2995-01RE	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	42
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003927.D	1	5/30/2006	6/3/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	120	U	570	120	ug/Kg
108-95-2	Phenol	86	U	570	86	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90	U	570	90	ug/Kg
95-57-8	2-Chlorophenol	91	U	570	91	ug/Kg
95-48-7	2-Methylphenol	95	U	570	95	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92	U	570	92	ug/Kg
98-86-2	Acetophenone	83	U	570	83	ug/Kg
106-44-5	3+4-Methylphenols	90	U	570	90	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	570	94	ug/Kg
67-72-1	Hexachloroethane	97	U	570	97	ug/Kg
98-95-3	Nitrobenzene	120	U	570	120	ug/Kg
78-59-1	Isophorone	85	U	570	85	ug/Kg
88-75-5	2-Nitrophenol	87	U	570	87	ug/Kg
105-67-9	2,4-Dimethylphenol	90	U	570	90	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94	U	570	94	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	570	110	ug/Kg
91-20-3	Naphthalene	97	U	570	97	ug/Kg
106-47-8	4-Chloroaniline	68	U	570	68	ug/Kg
87-68-3	Hexachlorobutadiene	87	U	570	87	ug/Kg
105-60-2	Caprolactam	91	U	570	91	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	570	79	ug/Kg
91-57-6	2-Methylnaphthalene	95	U	570	95	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	570	91	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	570	84	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87	U	1400	87	ug/Kg
92-52-4	1,1-Biphenyl	94	U	570	94	ug/Kg
91-58-7	2-Chloronaphthalene	94	U	570	94	ug/Kg
88-74-4	2-Nitroaniline	72	U	1400	72	ug/Kg
131-11-3	Dimethylphthalate	91	U	570	91	ug/Kg
208-96-8	Acenaphthylene	92	U	570	92	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	570	80	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	**Date Collected:**	5/24/2006
Project:	MH04055.41	**Date Received:**	5/26/2006
Client Sample ID:	TP-7(1.5)RE	**SDG No.:**	X2995
Lab Sample ID:	X2995-01RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	42
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003927.D	1	5/30/2006	6/3/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	74	U	1400	74	ug/Kg
83-32-9	Acenaphthene	100	U	570	100	ug/Kg
51-28-5	2,4-Dinitrophenol	490	U	1400	490	ug/Kg
100-02-7	4-Nitrophenol	70	U	1400	70	ug/Kg
132-64-9	Dibenzofuran	94	U	570	94	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	570	84	ug/Kg
84-66-2	Diethylphthalate	98	U	570	98	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90	U	570	90	ug/Kg
86-73-7	Fluorene	96	U	570	96	ug/Kg
100-01-6	4-Nitroaniline	97	U	1400	97	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	1400	110	ug/Kg
86-30-6	N-Nitrosodiphenylamine	94	U	570	94	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85	U	570	85	ug/Kg
118-74-1	Hexachlorobenzene	91	U	570	91	ug/Kg
1912-24-9	Atrazine	87	U	570	87	ug/Kg
87-86-5	Pentachlorophenol	130	U	1400	130	ug/Kg
85-01-8	Phenanthrene	91	U	570	91	ug/Kg
120-12-7	Anthracene	86	U	570	86	ug/Kg
86-74-8	Carbazole	87	U	570	87	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	570	87	ug/Kg
206-44-0	Fluoranthene	85	U	570	85	ug/Kg
129-00-0	Pyrene	610	J	570	100	ug/Kg
85-68-7	Butylbenzylphthalate	92	UJ	570	92	ug/Kg
91-94-1	3,3-Dichlorobenzidine	97	UJ	570	97	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	570	80	ug/Kg
218-01-9	Chrysene	190	J	570	100	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	110	UJ	570	110	ug/Kg
117-84-0	Di-n-octyl phthalate	97	UJ	570	97	ug/Kg
205-99-2	Benzo(b)fluoranthene	220	J	570	63	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	UJ	570	130	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	570	91	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TP-7(1.5)RE	SDG No.:	X2995
Lab Sample ID:	X2995-01RE	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	42
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003927.D	1	5/30/2006	6/3/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	76	J	570	72	ug/Kg
53-70-3	Dibenz(a,h)anthracene	71	U J	570	71	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	570	94	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	114.36	76 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	127.75	85 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	74.74	75 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	51.98	52 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	118.38	79 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	97.22	97 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	202469	3.82			
1146-65-2	Naphthalene-d8	803398	5.21			
15067-26-2	Acenaphthene-d10	427171	7.27			
1517-22-2	Phenanthrene-d10	581517	9.04			
1719-03-5	Chrysene-d12	156388	12.22			
1520-96-3	Perylene-d12	56081	13.81			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	23
Sample Wt/Vol:	30.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003868.D	1	5/30/2006	6/1/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	88	U	430	88	ug/Kg
108-95-2	Phenol	65	U	430	65	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	68	U	430	68	ug/Kg
95-57-8	2-Chlorophenol	68	U	430	68	ug/Kg
95-48-7	2-Methylphenol	71	U	430	71	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	430	69	ug/Kg
98-86-2	Acetophenone	63	U	430	63	ug/Kg
106-44-5	3+4-Methylphenols	67	U	430	67	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	430	71	ug/Kg
67-72-1	Hexachloroethane	73	U	430	73	ug/Kg
98-95-3	Nitrobenzene	93	U	430	93	ug/Kg
78-59-1	Isophorone	64	U	430	64	ug/Kg
88-75-5	2-Nitrophenol	66	U	430	66	ug/Kg
105-67-9	2,4-Dimethylphenol	68	U	430	68	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	70	U	430	70	ug/Kg
120-83-2	2,4-Dichlorophenol	79	U	430	79	ug/Kg
91-20-3	Naphthalene	73	U	430	73	ug/Kg
106-47-8	4-Chloroaniline	51	U	430	51	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	430	66	ug/Kg
105-60-2	Caprolactam	69	U	430	69	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59	U	430	59	ug/Kg
91-57-6	2-Methylnaphthalene	71	U	430	71	ug/Kg
77-47-4	Hexachlorocyclopentadiene	68	U	430	68	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	430	63	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	1100	65	ug/Kg
92-52-4	1,1-Biphenyl	70	U	430	70	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	430	71	ug/Kg
88-74-4	2-Nitroaniline	54	U	1100	54	ug/Kg
131-11-3	Dimethylphthalate	69	U	430	69	ug/Kg
208-96-8	Acenaphthylene	69	U	430	69	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	430	60	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	23
Sample Wt/Vol:	30.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003868.D	1	5/30/2006	6/1/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	56	U	1100	56	ug/Kg
83-32-9	Acenaphthene	76	U	430	76	ug/Kg
51-28-5	2,4-Dinitrophenol	370	UJ	1100	370	ug/Kg
100-02-7	4-Nitrophenol	53	U	1100	53	ug/Kg
132-64-9	Dibenzofuran	71	U	430	71	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	430	63	ug/Kg
84-66-2	Diethylphthalate	74	U	430	74	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	68	U	430	68	ug/Kg
86-73-7	Fluorene	72	U	430	72	ug/Kg
100-01-6	4-Nitroaniline	73	U	1100	73	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	1100	83	ug/Kg
86-30-6	N-Nitrosodiphenylamine	70	U	430	70	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64	U	430	64	ug/Kg
118-74-1	Hexachlorobenzene	68	U	430	68	ug/Kg
1912-24-9	Atrazine	65	U	430	65	ug/Kg
87-86-5	Pentachlorophenol	99	U	1100	99	ug/Kg
85-01-8	Phenanthrene	68	U	430	68	ug/Kg
120-12-7	Anthracene	64	U	430	64	ug/Kg
86-74-8	Carbazole	65	U	430	65	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	430	65	ug/Kg
206-44-0	Fluoranthene	64	U	430	64	ug/Kg
129-00-0	Pyrene	76	U	430	76	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	430	69	ug/Kg
91-94-1	3,3-Dichlorobenzidine	73	U	430	73	ug/Kg
56-55-3	Benzo(a)anthracene	60	U	430	60	ug/Kg
218-01-9	Chrysene	77	U	430	77	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	82	U	430	82	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	430	73	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	430	47	ug/Kg
207-08-9	Benzo(k)fluoranthene	94	U	430	94	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	430	68	ug/Kg

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	23
Sample Wt/Vol:	30.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF003868.D	1	5/30/2006	6/1/2006	BF052206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	430	54	ug/Kg
53-70-3	Dibenz(a,h)anthracene	54	U	430	54	ug/Kg
191-24-2	Benzo(g,h,i)perylene	71	U	430	71	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	122.74	82 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	130.63	87 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	73.66	74 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	72.26	72 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	133.49	89 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	78.44	78 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	155964	3.86			
1146-65-2	Naphthalene-d8	588079	5.25			
15067-26-2	Acenaphthene-d10	304986	7.30			
1517-22-2	Phenanthrene-d10	438100	9.07			
1719-03-5	Chrysene-d12	281084	12.26			
1520-96-3	Perylene-d12	199989	13.85			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.38	2100	R ~~AB~~	2.38		ug/Kg

R = unusable

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RL = Reporting Limit
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	**Date Collected:**	5/24/2006
Project:	MH04055.41	**Date Received:**	5/26/2006
Client Sample ID:	TP-7(1.5)	**SDG No.:**	X2995
Lab Sample ID:	X2995-01	**Matrix:**	SOIL
Analytical Method:	8081	**% Moisture:**	42
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P7003326.D	1	5/30/2006	6/2/2006	P7052706

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	1.1	U	5.1	1.1	ug/Kg
319-85-7	beta-BHC	1.5	U	5.1	1.5	ug/Kg
319-86-8	delta-BHC	2.8	U	5.1	2.8	ug/Kg
58-89-9	gamma-BHC (Lindane)	1.2	U	5.1	1.2	ug/Kg
76-44-8	Heptachlor	1.6	U	5.1	1.6	ug/Kg
309-00-2	Aldrin	2.1	U	5.1	2.1	ug/Kg
1024-57-3	Heptachlor epoxide	1.8	U	5.1	1.8	ug/Kg
959-98-8	Endosulfan I	1.5	U	5.1	1.5	ug/Kg
60-57-1	Dieldrin	1.4	U	5.1	1.4	ug/Kg
72-55-9	4,4'-DDE	1.3	U	5.1	1.3	ug/Kg
72-20-8	Endrin	1.5	U	5.1	1.5	ug/Kg
33213-65-9	Endosulfan II	1.6	U	5.1	1.6	ug/Kg
72-54-8	4,4'-DDD	1.2	UJ	5.1	1.2	ug/Kg
1031-07-8	Endosulfan sulfate	1.8	U	5.1	1.8	ug/Kg
50-29-3	4,4'-DDT	1.2	UJ	5.1	1.2	ug/Kg
72-43-5	Methoxychlor	1.5	UJ	5.1	1.5	ug/Kg
53494-70-5	Endrin ketone	1.4	U	5.1	1.4	ug/Kg
7421-93-4	Endrin aldehyde	1.7	U	5.1	1.7	ug/Kg
5103-71-9	alpha-Chlordane	1.4	U	5.1	1.4	ug/Kg
5103-74-2	gamma-Chlordane	1.5	U	5.1	1.5	ug/Kg
8001-35-2	Toxaphene	6.1	U	29	6.1	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.43	92 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	24.19	121 %	50 - 132		SPK: 20

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8081	% Moisture:	23
Sample Wt/Vol:	15 g	Extract Vol:	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P7003327.D	1	5/30/2006	6/2/2006	P7052706

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
319-84-6	alpha-BHC	0.83	U	3.9	0.83	ug/Kg
319-85-7	beta-BHC	1.1	U	3.9	1.1	ug/Kg
319-86-8	delta-BHC	2.1	U	3.9	2.1	ug/Kg
58-89-9	gamma-BHC (Lindane)	0.93	U	3.9	0.93	ug/Kg
76-44-8	Heptachlor	1.2	U	3.9	1.2	ug/Kg
309-00-2	Aldrin	1.6	U	3.9	1.6	ug/Kg
1024-57-3	Heptachlor epoxide	1.4	U	3.9	1.4	ug/Kg
959-98-8	Endosulfan I	1.1	U	3.9	1.1	ug/Kg
60-57-1	Dieldrin	1.1	U	3.9	1.1	ug/Kg
72-55-9	4,4'-DDE	1.0	U	3.9	1.0	ug/Kg
72-20-8	Endrin	1.1	U	3.9	1.1	ug/Kg
33213-65-9	Endosulfan II	1.2	U	3.9	1.2	ug/Kg
72-54-8	4,4'-DDD	0.91	UJ	3.9	0.91	ug/Kg
1031-07-8	Endosulfan sulfate	1.4	U	3.9	1.4	ug/Kg
50-29-3	4,4'-DDT	0.93	UJ	3.9	0.93	ug/Kg
72-43-5	Methoxychlor	1.1	UJ	3.9	1.1	ug/Kg
53494-70-5	Endrin ketone	1.1	U	3.9	1.1	ug/Kg
7421-93-4	Endrin aldehyde	1.3	U	3.9	1.3	ug/Kg
5103-71-9	alpha-Chlordane	1.1	U	3.9	1.1	ug/Kg
5103-74-2	gamma-Chlordane	1.1	U	3.9	1.1	ug/Kg
8001-35-2	Toxaphene	4.6	U	22	4.6	ug/Kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.55	98 %	69 - 124		SPK: 20
877-09-8	Tetrachloro-m-xylene	18.09	90 %	50 - 132		SPK: 20

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	TP-7(1.5)	SDG No.:	X2995
Lab Sample ID:	X2995-01	Matrix:	SOIL
Analytical Method:	8082	% Moisture:	42
Sample Wt/Vol:	15 g	Extract Vol:	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5003394.D	1	5/31/2006	6/2/2006	P5051506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	4.3	U	29	4.3	ug/Kg
11104-28-2	AROCLOR 1221	6.7	U	29	6.7	ug/Kg
11141-16-5	AROCLOR 1232	10	U	29	10	ug/Kg
53469-21-9	AROCLOR 1242	9.0	U	29	9.0	ug/Kg
12672-29-6	AROCLOR 1248	4.4	U	29	4.4	ug/Kg
11097-69-1	AROCLOR 1254	2.8	U	29	2.8	ug/Kg
11096-82-5	AROCLOR 1260	7.2	U	29	7.2	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.51	83 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.05	75 %	58 - 125		SPK: 20

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	Date Collected:	5/24/2006
Project:	MH04055.41	Date Received:	5/26/2006
Client Sample ID:	B-10(4-6)	SDG No.:	X2995
Lab Sample ID:	X2995-02	Matrix:	SOIL
Analytical Method:	8082	% Moisture:	23
Sample Wt/Vol:	15 g	Extract Vol:	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5003395.D	1	5/31/2006	6/2/2006	P5051506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	3.3	U	22	3.3	ug/Kg
11104-28-2	AROCLOR 1221	5.1	U	22	5.1	ug/Kg
11141-16-5	AROCLOR 1232	7.6	U	22	7.6	ug/Kg
53469-21-9	AROCLOR 1242	6.8	U	22	6.8	ug/Kg
12672-29-6	AROCLOR 1248	3.3	U	22	3.3	ug/Kg
11097-69-1	AROCLOR 1254	2.1	U	22	2.1	ug/Kg
11096-82-5	AROCLOR 1260	5.4	U	22	5.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.81	79 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.68	78 %	58 - 125		SPK: 20

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	**Date Collected:**	5/24/2006
Project:	MH04055.41	**Date Received:**	5/26/2006
Client Sample ID:	TP-7(1.5)	**SDG No.:**	X2995
Lab Sample ID:	X2995-01	**Matrix:**	SOIL
		% Solids:	57.50

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	9000		mg/Kg	1.020	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-36-0	Antimony	0.570	U N*	mg/Kg	0.570	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-38-2	Arsenic	21.8		mg/Kg	0.682	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-39-3	Barium	2080	N	mg/Kg	0.125	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-41-7	Beryllium	0.675	J	mg/Kg	0.010	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-43-9	Cadmium	1.270		mg/Kg	0.057	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-70-2	Calcium	9680		mg/Kg	0.064	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-47-3	Chromium	40.4		mg/Kg	0.153	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-48-4	Cobalt	10.9	E	mg/Kg	0.169	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-50-8	Copper	172		mg/Kg	0.113	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-89-6	Iron	51200	E	mg/Kg	2.670	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-92-1	Lead	2600		mg/Kg	0.501	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-95-4	Magnesium	2020		mg/Kg	1.660	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-96-5	Manganese	692		mg/Kg	0.049	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-97-6	Mercury	0.766		mg/Kg	0.010	1	5/31/2006	6/1/2006	EPA SW-846 7471
7440-02-0	Nickel	25.3		mg/Kg	0.212	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-09-7	Potassium	1160	NE	mg/Kg	9.220	1	5/31/2006	6/1/2006	EPA SW-846 6010
7782-49-2	Selenium	3.120		mg/Kg	0.593	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-22-4	Silver	0.137	U	mg/Kg	0.137	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-23-5	Sodium	837	J N	mg/Kg	44.9	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-28-0	Thallium	1.310	J *	mg/Kg	0.917	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-62-2	Vanadium	50.8	E	mg/Kg	0.104	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-66-6	Zinc	1490	N	mg/Kg	0.125	1	5/31/2006	6/1/2006	EPA SW-846 6010

Comments:

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N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	Ecosystems Strategies, Inc.	**Date Collected:**	5/24/2006
Project:	MH04055.41	**Date Received:**	5/26/2006
Client Sample ID:	B-10(4-6)	**SDG No.:**	X2995
Lab Sample ID:	X2995-02	**Matrix:**	SOIL
		% Solids:	77.20

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	6990		mg/Kg	0.758	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-36-0	Antimony	0.425	U N*	mg/Kg	0.425	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-38-2	Arsenic	6.440		mg/Kg	0.508	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-39-3	Barium	55.5	N	mg/Kg	0.093	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-41-7	Beryllium	0.351	J	mg/Kg	0.008	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.043	U	mg/Kg	0.043	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-70-2	Calcium	16200		mg/Kg	0.048	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-47-3	Chromium	10.1		mg/Kg	0.114	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-48-4	Cobalt	7.220	E	mg/Kg	0.126	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-50-8	Copper	28.4		mg/Kg	0.084	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-89-6	Iron	17300	E	mg/Kg	1.990	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-92-1	Lead	38.0		mg/Kg	0.373	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-95-4	Magnesium	5660		mg/Kg	1.230	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-96-5	Manganese	416		mg/Kg	0.036	1	5/31/2006	6/1/2006	EPA SW-846 6010
7439-97-6	Mercury	0.088		mg/Kg	0.008	1	5/31/2006	6/1/2006	EPA SW-846 7471
7440-02-0	Nickel	16.2		mg/Kg	0.158	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-09-7	Potassium	928	NE	mg/Kg	6.870	1	5/31/2006	6/1/2006	EPA SW-846 6010
7782-49-2	Selenium	0.442	U	mg/Kg	0.442	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-22-4	Silver	0.102	U	mg/Kg	0.102	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-23-5	Sodium	83.8	J N	mg/Kg	33.4	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-28-0	Thallium	0.683	U *	mg/Kg	0.683	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-62-2	Vanadium	13.9	E	mg/Kg	0.078	1	5/31/2006	6/1/2006	EPA SW-846 6010
7440-66-6	Zinc	75.9	N	mg/Kg	0.093	1	5/31/2006	6/1/2006	EPA SW-846 6010

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