

REPORT OF FINDINGS
INVESTIGATION OF PETROLEUM RELEASE
NYSDEC SPILL NO. 0509651
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, New York

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NYSDEC SPILL NO. 0509651
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, New York

Prepared for
IBM Corporation

Prepared by
Sanborn, Head & Associates, Inc.

File 2618.00
July 2006



Sanborn, Head & Associates

Consulting Engineers & Scientists

July 31, 2006
File No. 2618.00

Ms. Michele J. West
Environmental Engineering Regulations & Operations
IBM Corporation
East Fishkill Facility
Hopewell Junction, New York 12533

Re: Report of Findings,
Investigation of Petroleum Release, NYSDEC Spill No. 0509651
Preferred Real Estate Property
Former IBM East Fishkill Facility, West Complex
Hopewell Junction, NY

Dear Ms. West:

At the request of IBM Corporation (IBM) Sanborn, Head & Associates, Inc. (SHA) has prepared this report presenting logs, data, and other information derived from field investigations and analytical laboratory testing conducted to assess the apparent subsurface presence of petroleum. The investigative area has been referred to as Area of Concern 1 (AOC-1) in past correspondence between IBM and the present site owner, Preferred Real Estate Investments of Conshohocken, Pennsylvania (Preferred). The observed releases of No. 2 Fuel Oil from conveyance piping was reported to the New York State Department of Environmental Conservation (NYSDEC) and is presently tracked by the NYSDEC as Spill No. 0509651.

This report is intended to provide a summary of data and inference derived from explorations and testing conducted by SHA and others through April 2006. We understand that IBM will transmit this report to Preferred and will also make the report available the NYSDEC.

We trust that you will find this letter report consistent with your expectations and needs. We will be contacting you to see if you have any questions or comments. In the interim, if you have any questions or wish to discuss this project, please contact either of us. We greatly appreciate the opportunity to work with you on this important project.

Sincerely,
SANBORN, HEAD & ASSOCIATES, INC.

Daniel B. Carr, P.E.
Principal and Vice President

David A. Iseri P.G.
Senior Project Manager

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EXECUTIVE SUMMARY

Phased investigations and testing conducted by Sanborn, Head & Associates, Inc. and others working on behalf of IBM Corporation (IBM) have confirmed and characterized the presence of petroleum--principally No. 2 fuel oil--in soil and groundwater. New York State Department of Environmental Conservation (NYSDEC) has registered the reported release to the subsurface as Spill No. 0509651.

The approximately one acre area of investigation is located between Buildings 630 (B630) and 640 (B640) central to an approximately 158-acre parcel presently owned by Preferred Real Estate Investments of Conshohocken, Pennsylvania (Preferred). The parcel, formerly the IBM East Fishkill Facility West Complex, was sold to Preferred in January 2006. The investigative area was identified in pre-sale environmental site investigations due to two reported releases of No. 2 Fuel Oil discovered in 2003 that involved leakage from a fuel oil line into concrete structures associated with subsurface utilities. The structures include a Pipe Pit in B640 where the original release had occurred and a Utility Manhole located about 300 feet northeast of B640. The presence of petroleum in the subsurface adjacent to these structures was confirmed by test pit excavations and reported to NYSDEC who registered the spill number in October 2005.

Through May 2006, professionals working for IBM and IBM personnel have completed programs of subsurface investigations and laboratory-testing including test pitting, soil and bedrock borings, monitoring well installations, and soil and groundwater sampling. The investigative work also included pressure testing of the primary and secondary fuel oil containment piping and other piping through the Pipe Pit and Manhole.

The available information indicates that No. 2 Fuel Oil, released to the Pipe Pit, was incidentally conveyed to the Utility Manhole via secondary containment piping associated with an industrial waste transmission line. Oil was likely released to the subsurface from the concrete Pipe Pit and/or concrete vault of the Utility Manhole through unsealed pipe penetrations and/or joints in the concrete. Up to 1,000 gallons, and 30 gallons of fuel oil were recovered from the Pipe Pit and Utility Manhole, respectively. The data and observations recorded in logging 50 explorations over the one-acre investigative area indicate petroleum residuals remaining from a small-volume release to the subsurface.

Evidence of mobile separate phase product has not been found. The soils data are consistent with immobile petroleum residual in granular soil backfill and nearby fine-grained glacial till soils proximate to the points of release. A small number of soil samples exhibiting a petroleum presence exceeding, but within one order of magnitude of NYSDEC Recommended Soil Cleanup Objectives, reflect thin zones of petroleum stained soils that are spatially discontinuous and are proximate to and/or underlie building foundation elements and subsurface utilities.

Sampling of groundwater from monitoring wells in the first two quarters of 2006 has indicated a limited presence of petroleum constituents in groundwater. Data for wells in the vicinity and downgradient of the Utility Manhole area indicated water quality meeting Part 703 Ambient Water Quality Standards (AWQS) and Guidance Values. Groundwater from wells in the immediate vicinity of the Pipe Pit that screen soils and bedrock exhibiting visual and olfactory evidence of petroleum have exhibited concentrations above but within the same order of magnitude of AWQS or Guidance Values for several compounds associated with fuel oil and gasoline. These compounds have not been detected during routine groundwater monitoring from wells located 500 to 600 feet downgradient of this area.

We believe that the conditions found in investigations and testing do not warrant remediation. On July 5, 2006, NYSDEC representatives indicated to us that the spill could be closed pending the findings of two more quarters of groundwater monitoring. We understand that IBM is proceeding with monitoring of groundwater in July and October 2006. The data will be transmitted to NYSDEC during the fourth quarter of 2006.

TABLE OF CONTENTS

1.0 INTRODUCTION	1
2.0 BACKGROUND	1
2.1 Investigation Area Setting	1
2.2 History of Release and Prior Investigations	2
3.0 SCOPE OF WORK.....	4
4.0 DATA AND FINDINGS	5
4.1 Subsurface Conditions in the Investigation Area	5
4.2 Soil and Groundwater Conditions Near the Building 640 Pipe Pit	6
4.3 Soil and Groundwater Conditions Near the Utility Manhole	8
4.4 Other Data.....	9
5.0 CONCLUSIONS AND RECOMMENDATION.....	9

TABLES

Table 1	Summary of Field And Analytical Laboratory Testing Program
Table 2	Laboratory Results – Soil Samples
Table 3	Laboratory Results – Groundwater Samples

FIGURES

Figure 1	Locus Plan
Figure 2	Investigation Area Setting
Figure 3	Exploration Location Plan
Figure 4	Summary of Investigation Area Conditions
Figure 5	Cross Section A-A', Pipe Pit Area
Figure 6	Cross Section B-B', Utility Manhole Area

APPENDICES

Appendix A Limitations

Appendix B Background Information

Appendix B.1 W.F Cosulich Supplemental Investigation of AOC 1, International Business
Machines Corporation, West Complex, Hopewell Junction, New York

Appendix B.2 Building 640 Elevator Shaft Soil Data

Appendix C Field Investigations and Testing

Appendix C.1 Summary of Field Exploration Program

Appendix C.2 Logs of Soil Borings

Appendix C.3 Monitoring Well Logs

Appendix C.4 Survey Information

Appendix D Analytical Laboratory Reports

Appendix D.1 Volatile Organic Compounds and Semi Volatile Organic Compound
Analyses (Soil)

Appendix D.2 Volatile Organic Compounds and Semi volatile Organic Compound
Analyses (Groundwater)

Appendix D.3 Toxicity Characteristic Leaching Procedure Analyses (Soil)

Appendix D.4 RCRA Metals Analyses (Soil)

1.0 INTRODUCTION

This report summarizes the findings of investigations of the subsurface presence of petroleum believed to be originating from two documented releases of fuel oil that were reported to the NYSDEC in 2003. The release area was designated as Area of Concern –1 (AOC-1) in site assessment work conducted by William F. Cosulich Associates, P.C. (WFC).¹ As shown on Figure 1, the area subject of these investigations (Investigative Area) or “Site” is located between Buildings 630 (B630) and 640 (B640) central to the approximately 158-acre parcel presently owned by Preferred Real Estate Investments of Conshohocken, Pennsylvania (Preferred). Preferred purchased this 158-acre parcel, formerly the IBM East Fishkill Facility West Complex, in January 2006.

From November 2005 to January 2006, WFC conducted test pitting and soil sampling to assess for the presence of petroleum in the soil proximate to a concrete pipe pit and manhole where oil was found following an apparent release from transfer piping.² These investigations confirmed a presence of petroleum in soil presumed to be originating from the vicinity of a buried line used in the past to convey No. 2 fuel oil. As of the date of this report, the fuel oil presence in the Investigation Area is tracked as New York State Department of Environmental Conservation (NYSDEC) Spill Number 0509651.

The purpose of the work coordinated, observed, and logged by SHA was to:

1. Further assess the extent of petroleum in soil and groundwater; and
2. Provide information to assess the need for remedial measures in accordance with applicable New York State laws.

The scope of work completed to date, as outlined in more detail in the text to follow, included soil borings, well installations, and soil and groundwater sampling and analysis to supplement information obtained by WFC. This report is subject to the limitations included in Appendix A.

2.0 BACKGROUND

2.1 Investigation Area Setting

As shown on Figure 2, the Investigation Area is located on a topographic ridge of land. The ground surface in the immediate vicinity of the Investigation Area ranges from about 275 to 270 feet above mean sea level (AMSL). The former West Complex is topographically higher than adjacent lands to the north, east, and west with ground surface elevations ranging from approximately 340 feet above mean sea level (AMSL) on the southern side of the West Complex to 240 feet AMSL at the northern boundary (Figure 2).

¹W.F. Cosulich, August 2005, Phase I Environmental Site Assessment, West Complex, International Business Machines Corporation (IBM), East Fishkill Facility, Hopewell Junction, New York.

²W.F. Cosulich, March 2006, Supplemental Investigation of Area of Concern 1 (AOC 1), International Business Machines Corporation (IBM), East Fishkill-West Complex, Hopewell Junction, New York, Draft

The property is underlain by glacial till and glaciocolluvial deposits consisting of heterogeneous mixtures of gravel, sand, silt and clay, glaciolacustrine silt-clay, and soil fill. Bedrock in the vicinity is comprised of a sequence of dolostone, interbedded with lesser amounts of limestone, fine-grained sandstone, dolomitic siltstone and shale. IBM has been monitoring groundwater levels and quality conditions in overburden and bedrock along the periphery of the former West Complex since the mid 1980s. IBM's groundwater monitoring network includes overburden and bedrock wells at locations that are downgradient of the Investigation Area (AOC-1). Locations of IBM monitoring wells and wells installed as a part of this investigation are depicted on Figure 2 along with water levels recorded in April and May 2006 and groundwater elevation contours inferred from these data.

As indicated by the groundwater elevation contours shown in blue, groundwater in the overburden is indicated to flow northwesterly through the former West Complex with elevations ranging from about 260 feet AMSL in the Investigation Area to about 240 feet AMSL near the northerly property boundary. Groundwater levels in the overburden were observed to fluctuate with precipitation and in some areas the water table is seasonally below the bedrock-soil interface. The available water level information from wells screened in bedrock and inference suggests that groundwater is likely to flow north-northeast to east from the Investigation Area vicinity as shown by the contours depicted in green on Figure 2.

As shown on Figure 3, subsurface utilities including high temperature hot water, chilled water, compressed air, industrial wastewater, treated domestic water, and fuel oil, run northeasterly from B640 to B600 through the courtyard area between B640 and B630. The utility bundle enters B640 from an above ground trestle and leaves the building via piping installed through penetrations in the sub-floor concrete B640 Pipe Pit ("Pipe Pit").³ The initial focus of subsurface investigations into the presence of petroleum was the vicinity of a below ground concrete vault located about 320 feet to the northeast of the Pipe Pit. The vault is accessed through a manhole herein referred to as the "Utility Manhole". WFC's Supplemental Investigation report, included in this Report as Appendix B.1, provides a chronology of events through completion of its supplemental investigations in February 2006 and represents our primary source of the historical information outlined in Section 2.2.

2.2 History of Release and Prior Investigations

We understand that the first evidence of a release of petroleum was the discovery of about 1,000 gallons of No. 2 fuel oil in the Pipe Pit on August 16, 2003. This release was attributed to an above-ground leak from the fuel line. This release was reported to the NYSDEC and assigned spill Number 0305227. In October 2003 about 50 gallons of fuel oil were found in the Pipe Pit and reported to NYSDEC.

Fuel oil and water were first found in the Utility Manhole on December 27, 2003. About 30 gallons of oil were removed from the Utility Manhole. At the time, the secondary containment piping for

³ SHA has adopted the term "Pipe Pit" from drawing sheet C-640-2 for the West Complex Building 640 titled "Partial Foundation Plan" dated March 8, 1984 by Giffels Associates, Inc. WFC uses the term "Containment Vault" to reference this structure in its March 2006 Draft Report.

the No. 2 fuel oil line between B640 and B600 was the suspected means for transfer of oil to the Utility Manhole. The oil line was cut and capped and the primary and secondary containment piping was reportedly decontaminated. NYSDEC was notified and assigned spill number 0311024. Residual fuel oil odors and an oily sheen were observed in the Utility Manhole during WFC's Phase I environmental site assessment work conducted in May 2005.

On December 5, 2003 IBM notified NYSDEC of a potential release of hydraulic fluid from a freight elevator located in B640 (NYSDEC spill number 0310318). Later, in August 2004, IBM replaced the piston of this freight elevator approximately 30 feet south of the Pipe Pit (see Figure 3). At the time, it was believed that hydraulic fluid had been released to the subsurface and NYSDEC was updated at that time. Soil was removed from the piston hole, and samples were submitted to IBM Hudson Valley Environmental Laboratory. This data, provided as Appendix B.2, indicates the presence of several volatile organic compounds (VOCs), consistent with the presence of petroleum fuel; however, the laboratory made no product identification.

Between November 2005 and February 2006, WFC conducted subsurface explorations and completed integrity testing of subsurface utility lines and inspected the interior of the Pipe Pit and Utility Manhole vault. The aggregate findings suggest that oil released in the Pipe Pit may have been transmitted to the Utility Manhole via the secondary containment piping for an industrial waste line. Unsealed penetrations through the concrete wall of the Pipe Pit are probable avenues for oil release to the subsurface near the Pipe Pit. The available information supports the release of oil from the Pipe Pit and Utility Manhole vicinity and does not indicate direct releases to the subsurface from subsurface piping. Key findings that support this conclusion include:

- The observed conveyance of water from the Pipe Pit to the Utility Manhole via a secondary containment line associated with industrial waste piping; and
- WFC's visual survey of the Pipe Pit which concluded that the pipe penetrations through the concrete wall were not completely sealed and that soil was visible through the annular space between the piping and concrete hole. One unused penetration was also observed to be unsealed and open to the exterior soil.

WFC's Supplemental Investigation also included the observation and logging of twenty-two backhoe test pits in the areas of the Utility Manhole and Pipe Pit. These locations are depicted by green symbols on Figure 3. The test pit excavations were generally extended to the depth of observed petroleum presence or natural soils. Test pit logs and a tabular summary of analytical laboratory data for soil samples collected from the test pits were included in the WFC report (see Appendix B.1).

On November 11, 2005, IBM reported the presence of petroleum-containing soil in the vicinity of the Utility Manhole to the NYSDEC. NYSDEC assigned Spill Number 0509651 to this reported finding. At the time of this report, NYSDEC has closed Spill Nos 0307148 and 0310318 and has decided to track this matter under Spill Number 0509651. IBM will request that NYSDEC Spill Nos. 0305227 and 0311024 also be closed and consolidated under Spill Number 0509651.

3.0 SCOPE OF WORK

Between February and May 2006, SHA coordinated, observed and logged soil and bedrock borings, installation of monitoring wells, and coordinated a program of analytical laboratory testing of soil and groundwater samples. The program was intended to supplement the information provided by WFC. The work was completed in two (2) phases. The first phase completed in February and March 2006, included explorations in the vicinity of the Utility Manhole, the Pipe Pit, and intermediate areas. The second phase completed between March and May 2006, was focused primarily on the Pipe Pit area.

The scope of work completed to date by SHA, with assistance from IBM personnel, has included:

- Review of available information provided by IBM and WFC;
- Coordination, observation, and logging of twenty-eight (28) borings. The soils were screened in the field for visual, olfactory, and other evidence of petroleum. Soil samples exhibiting greater evidence of petroleum were submitted for analytical laboratory analysis;
- Drilling and installation of seven (7) groundwater monitoring wells;
- Collection of soil and groundwater samples for analytical laboratory analysis. Where there was sufficient water, groundwater samples were collected and submitted for laboratory analysis on at least three separate dates;
- Coring through the Pipe Pit floor, and collection of soil samples from beneath the concrete floor and from soil accessible through the unused and unsealed Pipe Pit wall penetration; and
- Surveying of the locations and elevations of test pits, borings, and in the Investigation Area.

A summary of the field and analytical laboratory testing programs is included as Table 1. The boring and well locations completed by SHA are shown by magenta symbols on Figure 3. The field exploration and sampling procedures are described further in Appendix C.1.

The soil and groundwater samples were generally submitted to Lancaster Laboratories, Inc, for analysis; however, selected samples were analyzed at the IBM Hudson Valley Environmental Laboratory (HVEL). The analytical laboratory testing included the United States Environmental Protection Agency (USEPA) SW846 methods 8260B for volatile organic compounds (VOC) and 8270C for semivolatile organic compounds (SVOC). The analytes include compounds included as a part of the USEPA Target Compound List (TCL) and target compounds as per applicable New York State Department of Environmental Conservation (NYSDEC) guidance for investigation and remediation of petroleum were also included as analytes. The soil and groundwater data are presented in Tables 2 and 3 and are discussed in the section to follow.

4.0 DATA AND FINDINGS

Our understanding of the presence of petroleum in soil and groundwater is discussed in the sections that follow. This information was derived from observation and logging of soil and bedrock borings, well installations and a review of laboratory data and information provided by others. In total, soil conditions have been observed at fifty locations, within the approximately one acre Investigative Area, in explorations conducted over a six-month period. Groundwater levels and quality have been assessed at seven new locations to supplement the existing IBM groundwater monitoring well network.

Figure 4 provides a plan view summary of soil and groundwater quality conditions. Figures 5 and 6 provide profile views through the Pipe Pit and Utility Manhole vault, respectively which depict the generalized stratigraphic profile along with the findings of field headspace screening of soil samples, visual and olfactory observations indicative of petroleum, and analytical laboratory observations of petroleum presence in soil samples.

For both the plan and profile view figures, locations of soil samples exhibiting the presence of one or more petroleum constituents, or the sum total of VOC at or above NYSDEC Recommended Soil Cleanup Objectives (RSCO) are depicted with maroon shading. Locations where soils samples exhibited concentrations of petroleum constituents below, but within about one order of magnitude of RSCO values are depicted in light blue, while locations where soil samples exhibited concentrations of petroleum constituents at least one order of magnitude below RSCO values are depicted in dark green.

4.1 Subsurface Conditions in the Investigation Area

As shown on Figures 5 and 6, the soil profile observed in explorations, away from subsurface utilities, generally consists of a thin layer of topsoil followed by approximately seven to twelve feet of silt with sand and gravel, with the appearance of reworked glacial till. Glacial till was generally encountered from seven feet below ground surface (bgs) to refusal. More well-sorted granular fill, consistent with select pipe bedding/backfill materials, was encountered in the immediate vicinity of underground utility lines and beneath and adjacent to B640.

Auger or direct push refusal, presumed to be on bedrock, was encountered at approximately 18 to 22 feet bgs at six of the seven new monitoring well locations. Bedrock depth was confirmed at locations SB-202 and SB-207 (wells MW-431 and MW-432). At these locations weathered carbonate rock was encountered between approximately 11 and 19 feet bgs. Based on historical borings, described in Geraghty & Miller 1984⁴, it is likely that the refusal at other locations reflects the presence of carbonate bedrock.

⁴ Geraghty & Miller, July 1984, "Assessment of Geologic Conditions at IBM's West Complex, East Fishkill, New York,"

4.2 Soil and Groundwater Conditions Near the Building 640 Pipe Pit

Figure 5 shows the soil profile inferred for the area immediately around the Pipe Pit. In this area fill, glacial till, and weathered limestone were encountered. Granular fill encountered in the vicinity of the Pipe Pit, as well as along the alignment of the subsurface piping between B640 and B600, was observed to be grey sand to sand with silt and gravel. Soil beneath and adjacent to the pipe pit was observed to be warm to the touch, reflecting heat lost from the nearby subsurface utilities.

The soil samples obtained from the Pipe Pit vicinity did not exhibit visible evidence of separate-phase residual petroleum; however, staining was observed in samples collected at boring locations SB-203 and SB-206. Both locations are within 15 feet of the Pipe Pit (Figures 4 and 5). The staining is manifested as bands of green-grey discoloration of the silty glacial till soil with a thickness ranging from less than one inch to several inches. The color suggests the presence of localized reducing geochemical conditions, associated with petroleum presence, perhaps reflecting petroleum residuals or dissolved petroleum in fractures or thin zones of more permeable soils where petroleum-containing groundwater or petroleum liquid may penetrate more easily.

As shown on Table 2, concentrations of TPH in the Pipe Pit area ranged from 410 to 2,800 milligrams per kilogram (mg/kg) consistently identified as "No. 2 diesel fuel". The upper end of the TPH concentrations is estimated to reflect a presence of petroleum filling less than 5% of the total soil pore space and are therefore not consistent with the presence of mobile separate-phase product, but instead the presence of immobile petroleum residual in the soil.

As shown on Figures 4 and 5, three samples of soil collected from the immediate vicinity of and below the Pipe Pit exceeded RSCO values. All of these soil samples were collected from borings within several feet of the Pipe Pit. The soil samples collected from the elevator shaft in 2004, located at least 20 feet to the south of the Pipe Pit, also exceeded RSCO. As summarized on Figure 4, RSCO values were exceeded for four parameters that are typical components of fuel oil. These include two trimethylbenzene isomers, total xylenes, and total target VOCs. Phenol, which is not a normal component of petroleum fuels, was also detected in soil samples collected from the B640 elevator shaft at an estimated concentration exceeding the applicable RSCO. As shown on Figures 4 and 5, beyond the immediate vicinity of the Pipe Pit, but within 20 to 35 feet of the Pit, soil samples were found to exhibit petroleum constituents at one to two orders of magnitude below RSCO values.

With few exceptions, the VOCs and semi-volatiles detected in soil samples are consistent with the presence of No. 2 diesel fuel. The reported detection of 0.8 µg/kg (estimated) methyl tertiary butyl ether (MTBE) for the soil sample collected from a depth of 12 to 14 feet BGS at SB-208 is not normally associated with fuel oil. The soil sample from MW-430 exhibited a higher proportion of ethylbenzene and xylenes, perhaps indicative of gasoline. Acetone, 2-butanone (MEK), and carbon disulfide, detected at low concentrations below the RSCO, are also not associated with petroleum fuels. The data for field blanks, trip blanks, and laboratory blanks do not suggest that the non-petroleum solvents are derived from sample collection. Acetone has in the past been associated with

sodium bisulfate field preservation reaction with soil material.⁵ The carbon disulfide detections are anomalous but are below 3 µg/kg.

Groundwater samples were collected from three wells located between 5 and 35 feet of the Pipe Pit, designated MW-430, MW-431, and MW-432. Each of the wells is screened in soils or weathered bedrock that exhibited visual or olfactory evidence of petroleum. In February and April 2006 groundwater was observed generally within the lower portion of the glacial till or in the upper portion of the weathered limestone approximately 20 feet bgs.

In the area of the Pipe Pit, groundwater was found to contain fuel oil constituents, similar to the adjacent soils. MTBE, which was also reported in groundwater, has not been detected at significant concentration in adjacent soils. MTBE could be present as a refractory/incidental component of fuel oil; however, its presence, combined with a greater prevalence of aromatic hydrocarbons including benzene, toluene, ethylbenzene, and xylenes (BTEX), are indicative of gasoline. It is our opinion that the MTBE and BTEX data in groundwater are unrelated to the fuel oil presence and are suggestive of a more recent incidental release of gasoline, probably in the vicinity of well MW-430. Lines of evidence supporting this opinion include:

- BTEX compounds are readily biologically degraded under the conditions observed in the Pipe Pit area. Therefore, the higher proportion of BTEX compounds in groundwater, relative to MTBE, suggests a more recent release, than the approximately three-year old known fuel oil release;
- Evidence for gasoline presence in soil is extremely limited. Only the soil sample from MW-430 indicates a slightly higher proportion of ethylbenzene and xylenes that may be indicative of a petroleum contribution from gasoline;
- The highest concentration of MTBE found in groundwater was detected in a sample collected from MW-430 a well that has been found to produce water only seasonally and is located immediately adjacent to the B640;
- There exist plausible alternative sources of gasoline in the Pipe Pit area. These include incidental release from lawn maintenance vehicles or from vehicles parked at the adjacent loading docks; and
- The fuel oil presence at the Pipe Pit and Utility Manhole are thought to be a result of the same initial release from the #2 fuel oil line; however, as described later, there exists little evidence of benzene or MTBE in the Utility Manhole area; therefore, a source near the Pipe Pit is likely.

Ten (10) VOC compounds and one SVOC were found at concentrations above AWQS (Figure 4 and Table 3). Naphthalene and MTBE were found at concentrations above Ambient Water Quality Guidance values. In general, the concentrations are as much as one order of magnitude above the standards or guidance.

⁵ Clausen, J, Wessling, E., Hoyt, M., Stearns, B., Ramirez, B., (2000) Acetone Production as a Result of Sodium Bisulfate Preservation Using EPA Method 5035, Presented at the 16th Annual Conference on Contaminated Soils, University of Massachusetts. October 16-19, 2000. Amherst, MA.

Petroleum constituents, consistent with fuel oil or gasoline, have not been found in historical monitoring of the IBM groundwater monitoring wells located as close as 500 and 600 feet in directions expected to be downgradient of the Pipe Pit Area.

4.3 Soil and Groundwater Conditions Near the Utility Manhole

Thirty-six subsurface explorations completed in the vicinity of the Utility Manhole to investigate petroleum presence have defined a limited presence of petroleum constituents in soil and groundwater. As shown on Figure 6, undisturbed glacial till was found at about ten (10) feet bgs near the Utility Manhole. The till was found at shallower depths to the north at B630 and to the south of the Utility Manhole and vault. Granular fill was encountered both north and south of the Utility Manhole. Groundwater was observed generally within the lower portion of the fill material near the bottom of the Utility Manhole vault and deeper in the glacial till to the north.

Residual petroleum liquid was observed in samples of granular pipe fill acquired from SB-101 and MW-1 approximately 9 to 9.5 feet bgs. Soil from WFC test pit "TP-5" was reported to contain "black oily liquid". TP-5 and MW-1 are within 22 feet of the Utility Manhole. WFC's log of TP-5 indicated "oily liquid" was entering the excavation from "gravelly zones" approximately 7 feet bgs.

TPH concentrations in the Utility Manhole area ranged from 200 mg/kg to 6,900 mg/kg. Previous testing by WFC indicated the presence of up to 9,300 mg/kg TPH. These TPH concentrations are equivalent to petroleum saturation ranging from 0.01 to 7% of the total soil pore space and are not consistent with the presence of mobile separate-phase product, but are believed to indicate the presence of immobile petroleum residual in the soil. In each case, the samples exhibit petroleum consistent with No. 2 fuel oil/diesel fuel.⁶

As shown by maroon shading on Figures 4 and 6, four soil samples from the vicinity of the Utility Manhole exhibited concentrations above RSCO. Soil at TP-5 may exceed RSCO given the observed presence of residual petroleum liquid. All these locations are within 20 feet of the Utility manhole and the samples were within or near granular soil fill. SB-101 is located approximately 60 feet to the southwest of the Utility Manhole adjacent to the buried utility bundle.

Compounds found above RSCO in soil samples include the trimethylbenzene isomers and total xylenes. For the samples from MW-1 and SB-101 the sum of detected VOCs exceeded the RSCO of 10,000 µg/kg.

⁶ Analyses completed as a part of WFC's investigations identified a "relatively light weight petroleum product such as kerosene or jet fuel" at location SB-8. Kerosene and jet fuel are only marginally different than No. 2 fuel oil, a difference that may not be readily apparent in a weathered fuel residual.

The soil sample from SB-109 exhibited no visual or olfactory evidence of petroleum; however, two polynuclear aromatics were detected including benzo(a)pyrene and benzo(g,h,i)perylene. Benzo(a)pyrene was detected above RSCO.

Similar to the results from the Pipe Pit area, VOC chemical results are consistent with No. 2 fuel oil presence with the exception of the detections for acetone, 2-butanone (MEK), and carbon disulfide, which were found below the RSCO.

Wells near the Utility Manhole (MW-426, MW-427, and MW-428) were sampled at least three times. MW-426 is located immediately adjacent to the Utility Manhole vault. MW-428 is about 80 feet in a downgradient direction while MW-427 is located downgradient of the utility trench. MW-429, located approximately 170 feet southwest of the Utility Manhole, was not sampled, as it was found to be dry during each sampling event. The data for groundwater samples collected from these wells indicate water quality below NYCCR Part 703 AWQS. A few VOCs were detected sporadically at concentrations generally at or below 2 µg/L. These include MTBE at 1J µg/l and 1,3,5-trimethylbenzene at 2J µg/l in a sample from MW-426, and MTBE at 0.5J µg/l and acetone at 11J µg/l in a sample from well MW-428. This data supports the conclusion that the petroleum presence in soil is of modest volume and has not materially degraded water quality.

4.4 Other Data

TCLP analyses were conducted on soil samples collected in February 2006 that exhibited a petroleum presence. This data, presented in Appendix D, were compared to State TCLP toxicity characteristic values codified in 6 NYCRR Part 371. Examination of the data indicates none of the samples would be considered hazardous by characteristic. The concentrations of 1,3,5-trimethylbenzene and 1,2,4-trimethylbenzene recorded for the aqueous extract derived from soil samples collected from MW-1 and SB-101 in the Utility Manhole area exceeded NYSDEC AWQS by approximately one order of magnitude; however, only, 1,3,5-trimethylbenzene was detected in groundwater samples from the immediate vicinity, at an estimated concentration of 2 µg/L.

In addition, total organic carbon (TOC) data was obtained for samples of native glacial till soils (shown on Table 2 and presented in Appendix D). The TOC data indicates organic carbon content less than 180 and 340 mg/kg, or less than 0.018% and 0.034 %, respectively as compared to 1% TOC assumed in development of RSCO values.

5.0 CONCLUSIONS AND RECOMMENDATION

Phased investigations and testing conducted over about a seven-month period ending in May 2006 have confirmed and characterized the apparent presence of petroleum, principally No. 2 fuel oil in soil and groundwater. The petroleum presence in the subsurface, as defined by more than 50 explorations conducted over a one-acre investigative area, largely reflects residuals remaining from the observed releases of fuel oil although the data indicate a probable minor localized contribution

from gasoline. The subsurface presence of petroleum as reported to the NYSDEC is presently tracked as Spill Number 0509651 issued in November 2005.

We believe that the field observations and data support a limited presence of petroleum in soil that does not warrant remedial action. This conclusion is supported by the available data that indicate:

- No direct evidence of mobile separate phase oil in monitoring wells installed immediately adjacent to the release points and soils laboratory data that are consistent with immobile residual in soil;
- Soils exceeding NYSDEC Recommended Soil Cleanup Objectives established for protection of groundwater appear to be thin zones that are spatially discontinuous and proximate to the release points; and
- The soils are located at depth below and adjacent to building foundations and/or subsurface utilities where access is constrained and direct human contact is not possible under normal site use.

The available water quality data for groundwater samples withdrawn from monitoring wells installed as a part of this investigation and the findings of historical groundwater monitoring by IBM indicate:

- Water quality meeting NYCCR Part 703 AWQS immediately proximate to and downgradient of the Utility Manhole;
- Water quality exceeding Part 703 AWQS by about one order of magnitude for wells downgradient of the Pipe Pit screened within soils and bedrock exhibiting visual, olfactory and field screening evidence of petroleum; and
- The absence of petroleum constituents in water collected from bedrock and overburden monitoring wells approximately 500 to 600 feet downgradient.

The water quality data for wells proximate to the Pipe Pit probably reflects the presence of gasoline that based on multiple lines of evidence may be attributable to a limited, non-systematic release of gasoline to the subsurface groundwater in the vicinity of the Pipe Pit.

We believe that the conditions found in investigations and testing do not warrant remediation. These findings were presented to Melissa Mastro and Vincent McCabe of NYSDEC in a meeting on July 5, 2006 at the New Paltz, New York NYSDEC Region III office. These NYSDEC representatives indicated that the spill could be closed pending the findings of two more quarters of groundwater monitoring. We understand that IBM intends to proceed with this requested monitoring.

TABLES

Table 1
Summary of Field and Analytical Laboratory Testing
Report of Findings, Investigation of Petroleum Release
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, New York

Phase I Exploration Location*	Sample Identification	Sample Date	Sample Media	Approximate Soil Sample Depth (ft bgs)	VOCs	SVOCs	VOCs TCLP	SVOCs TCLP	TPH/Fuel Fingerprint	TCLP RCRA 8 Metals	TOC	Comments
Soil Boring by Vacuum Excavation/Hand Auger/Hollow Stem Auger												
MW-1	MW1S4	2/6/2006	Soil	9.5	Yes	Yes	Yes	Yes	Yes			
MW-2\MW-427	MW2S3	2/7/2006	Soil	7							Yes	
MW-3\MW-428	MW3S4	2/7/2006	Soil	7							Yes	
MW-4\MW-429	MW4S3	2/7/2006	Soil	13	Yes	Yes						
MW-5\MW-430	MW5S4	2/14/2006	Soil	12	Yes	Yes	Yes	Yes	Yes			
SB-101	SB-101S4	2/7/2006	Soil	9	Yes	Yes	Yes	Yes	Yes			
SB-102	SB-102S2	2/7/2006	Soil	7	Yes	Yes	Yes	Yes	Yes			
SB-103												No samples - electrical line encountered.
SB-104	SB-104S4	2/8/2006	Soil	10.16	Yes	Yes					Yes	
SB-105	SB-105S3	2/8/2006	Soil	7.83	Yes	Yes	Yes	Yes	Yes			
SB-106												Location observed as clean, no samples taken.
SB-107	SB-107S3	2/13/2006	Soil	9	Yes	Yes						
SB-108	SB-108S4	2/13/2006	Soil	10.66	Yes	Yes						
SB-109	SB-109S3	2/13/2006	Soil	9.66	Yes	Yes						
SB-110	SB110S3	2/15/2006	Soil	1.7	Yes	Yes						
	SB110S3D	2/15/2006	Soil	1.7	Yes	Yes						Duplicate
SB-111	SB-111S3	2/15/2006	Soil	8	Yes	Yes						
SB-112	SB-112S3	2/15/2006	Soil	7.5	Yes	Yes						
Groundwater Samples												
MW-426	MW-1A-S1	2/16/2006	Water	NA	Yes	Yes				Yes		
MW-427	MW2S1	2/16/2006	Water	NA	Yes	Yes				Yes		
	MW2S1D	2/16/2006	Water	NA	Yes	Yes				Yes		Duplicate
MW-428	MW3S1	2/16/2006	Water	NA	Yes	Yes				Yes		
MW-430	MW5S1	2/21/2006	Water	NA	Yes							
B640 Pipe Pit Sub-Slab Macrocore and Side Wall Hand Auger Samples												
PIT-1	PIT1S2	2/9/2006	Soil	3-6	Yes	Yes			Yes			Sub-Slab Sample for VOCs Analyzed by IBM Hudson Valley Environmental Laboratory
PIT-2	PIT2S1	2/9/2006	Soil	1.9	Yes	Yes	Yes	Yes	Yes			Side-Wall Penetration Sample
Quality Assurance Samples (Other than Duplicates)												
Rinsate Blank	RB-101	2/6/2006	Water	NA	Yes	Yes						Rinse through clean hand auger.
Trip Blank	TB06030-1	2/1/2006	Water	NA	Yes							
	TB06030	2/1/2006	Water	NA	Yes							
	TB06030	2/1/2006	Water	NA	Yes							
	TB06030	2/1/2006	Water	NA	Yes							
	TB06037	2/8/2006	Water	NA	Yes							
	TB06037	2/8/2006	Water	NA	Yes							
	TB06032	2/6/2006	Water	NA	Yes							
Equipment Blanks	FLBK-1	2/16/2006	Water	NA	Yes	Yes				Yes		Bailer Blank

Notes:

1. This table provides a summary of soil and groundwater sampling associated with the test boring drilling, monitoring well installation, and B640 Pipe Pit sampling observed and logged by SHA in February, March, and April 2006. The exploration and testing methods are described in detail in Appendix C.1.

2. All samples were analyzed by Lancaster Laboratories, Inc., of Lancaster, Pennsylvania, except as noted.

VOC - Volatile Organic Compound, SVOC - Semi-Volatile Organic Compound, VOC TCLP - Volatile Organic Compound Toxicity Characteristic Leaching Procedure, SVOC TCLP - Semi-Volatile Organic Compound Toxicity Characteristic Leaching Procedure, RCRA - Resource Conservation and Recovery Act, TOC - Total Organic Carbon, NA - Not Applicable

* Designation of wells was renumbered to be consistent with IBM West Complex Inventory. The "400" series number after the slash is the current designation for this well location.

Table 1
Summary of Field and Analytical Laboratory Testing
Report of Findings, Investigation of Petroleum Release
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, New York

Phase II Exploration Location	Sample Identification	Sample Date	Sample Media	Approximate Soil Sample Depth (ft bgs)	VOCs	SVOCs	TPH/Fuel Fingerprint	Comments
Soil Boring by Vacuum Excavation/Hand Auger/Hollow Stem Auger								
SB-201	SB201S5	3/27/2006	Soil	10 - 10.5	Yes			
SB-202\MW-431	SB202S9	3/30/2006	Soil	17 - 17.7	Yes	Yes	Yes	
	SB202S11	3/30/2006	Soil	21 - 21.7	Yes	Yes	Yes	
SB-203	SB203S8	3/31/2006	Soil	16 - 17	Yes	Yes	Yes	
SB-204	SB204S3	3/17/2006	Soil	9.5 - 10.5	Yes	Yes	Yes	
SB-205	SB205S4	3/28/2006	Soil	10 - 10.2	Yes	Yes	Yes	
SB-206	SB206S8A	3/30/2006	Soil	17 - 18	Yes			
SB-207\MW-432	SB207S5	3/27/2006	Soil	10	Yes			
SB-208	SB208S3	3/27/2006	Soil	8 - 10	Yes	Yes	Yes	
	SB208S6	3/31/2006	Soil	12 - 14	Yes	Yes	Yes	
SB-209S9	SB209S9	3/31/2006	Soil	18 - 18.3	Yes	Yes		
SB-210S5	SB210S5	3/31/2006	Soil	10 - 11.9	Yes	Yes		
Groundwater Samples								
MW-426	MW426	4/4/2006	Water	NA	Yes			
	MW426	4/4/2006	Water	NA	Yes	Yes		
	GW060321 426	3/21/2006	Water	NA	Yes	Yes		Sampling performed by IBM
MW-427	MW427	4/4/2006	Water	NA	Yes			
	MW427	4/4/2006	Water	NA	Yes	Yes		
	GW060321 427	3/21/2006	Water	NA	Yes	Yes		Sampling performed by IBM
	NR060321 309	3/21/2006	Water	NA	Yes	Yes		Duplicate - Sampling performed by IBM
MW-428	MW428	4/4/2006	Water	NA	Yes			
	MW428	4/4/2006	Water	NA	Yes	Yes		
	GW060321 428	3/21/2006	Water	NA	Yes	Yes		Sampling performed by IBM
MW-431	GW060427 431	4/27/2006	Water	NA	Yes	Yes		Sampling performed by IBM
	GW060418 431	4/18/2006	Water	NA	Yes	Yes		Sampling performed by IBM
	MW431	4/4/2006	Water	NA	Yes			
	MW431	4/4/2006	Water	NA		Yes		
	MW431	4/4/2006	Water	NA	Yes	Yes		
MW-432	GW060427 432	4/27/2006	Water	NA	Yes	Yes		Well sampled using a dedicated bladder pump for all sampling rounds. Sampling performed by IBM.
	GW060418 432	4/18/2006	Water	NA	Yes	Yes		
	MW432	4/5/2006	Water	NA	Yes			
	MW432	4/5/2006	Water	NA		Yes		
	MW432	4/5/2006	Water	NA	Yes	Yes		
	NR060427 309	4/27/2006	Water	NA	Yes	Yes		Duplicate - Sampling performed by IBM
	NR060418 309	4/18/2006	Water	NA	Yes	Yes		Duplicate - Sampling performed by IBM
Quality Assurance Samples (Other than Duplicates)								
Trip Blank	TB060427 302	4/27/2006	Water	NA	Yes			
	TB060418 302	4/18/2006	Water	NA	Yes			
	Trip Blank - 50579	4/4/2006	Water	NA	Yes			
	Trip Blank - 50581	4/4/2006	Water	NA	Yes			
	Trip Blank - 0118568	3/23/2006	Water	NA	Yes	Yes		
	Trip Blank - 0118563	3/23/2006	Water	NA				
	Trip Blank - 0111138	3/21/2006	Water	NA	Yes			
Equipment Blank	EB060427 304	4/27/2006	Water	NA	Yes	Yes		
	EB060418 304	4/18/2006	Water	NA	Yes	Yes		
Field Rinsenate	Field Blank - 0118568	4/4/2006	Water	NA	Yes	Yes		
Field Blank	Field Blank - 0111138	3/21/2006	Water	NA	Yes			

Notes:
1. This table provides a summary of soil and groundwater sampling associated with the test boring drilling, monitoring well installation, and B640 Pipe Pit sampling observed and logged by SHA in February, March, and April 2006. The exploration and testing methods are described in detail in Appendix C.1.
2. All samples were analyzed by Lancaster Laboratories, Inc., of Lancaster, Pennsylvania, except as noted.
VOC - Volatile Organic Compound, SVOC - Semi-Volatile Organic Compound, VOC TCLP - Volatile Organic Compound Toxicity Characteristic Leaching Procedure, SVOC TCLP - Semi-Volatile Organic Compound Toxicity Characteristic Leaching Procedure, RCRA - Resource Conservation and Recovery Act, TOC - Total Organic Carbon, NA - Not Applicable

Table 2
Laboratory Results -Soil Samples
Report of Findings, Investigation of Petroleum Release
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, New York

		PHASE I																PHASE II																
		Investigation Area	B640 Pipe Pit		Utility Manhole			B640 Pipe Pit	Utility Manhole						B640 Pipe Pit		Utility Manhole		B640 Pipe Pit															
Analyte	Units	Location Name	PIT 1	PIT 2	MW - 1	MW-2/ MW-427	MW-4/ MW-429	MW-5/ MW-430	SB - 101	SB - 102	SB - 104	SB - 105	SB - 107	SB - 108	SB - 109	SB - 110		SB - 111	SB - 112	SB - 201	SB-202/ MW - 431		SB - 203	SB - 204	SB - 205	SB - 206	SB-207/ MW - 432	SB - 208		SB - 209	SB - 210			
		Sample Name	PIT1S2*	PIT2S1	MWV-1S4	MW-2S3	MW-4S3	MWV-5S4	SB-101S4	SB-102S2	SB-104S4	SB-105S3	SB-107S3	SB-108S4	SB-109S3	SB-110S3	SB-110S3D	SB-111S3	SB-112S3	SB_201_S5	SB_202_S9	SB_202_S11	SB_203_S8	SB_204_S3	SB_205_S4	SB_206_S8A	SB_207_S5	SB_208_S3	SB_208_S6	SB_209_S8	SB_210_S5			
		Sample Date	2/9/2006	2/9/2006	2/6/2006	2/7/2006	2/7/2006	2/14/2006	2/7/2006	2/7/2006	2/8/2006	2/8/2006	2/13/2006	2/13/2006	2/13/2006	2/15/2006	2/15/2006	2/15/2006	2/15/2006	3/27/2006	3/30/2006	3/30/2006	3/31/2006	3/28/2006	3/28/2006	3/30/2006	3/27/2006	3/27/2006	3/31/2006	3/31/2006	3/31/2006			
		Depth (ft. bgs.)	10 to 13	5	9.5	7.2	12.8	11.7	9	7	10.2	7.8	9	10.7	9.7	10	10	8	7.5	10 - 10.5	17 - 17.7	21 - 21.7	16 - 17	9.5 - 10.5	10 - 10.2	17 - 18	10	8 - 10	12 - 14	18 - 18.3	10 - 11.9			
		PID (ppmv)	94	2	12	0	0	110	12	13	Not noted	4	Not noted	0	0	2	2	0	0	0	67	78	75	53	57	16	0	0	0	0	0			
		Odor	Yes	Yes	Yes	Not Noted	Not noted	Yes	Yes	Yes	Not noted	Yes	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Yes	Not noted	Not noted	Yes	Yes	Yes	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted		
		Visible Presence	Not noted	Not noted	Yes	Not Noted	Not noted	Not noted	Yes	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted	Yes	Not noted	Not noted	Yes	Not noted	Not noted	Not noted	Not noted	Not noted	Not noted		
		TPH (mg/kg)	2,100	410	2,800	NA	NA	1,000	6,900	1,200	NA	200	NA	NA	NA	NA	NA	NA	NA	ND	2,800	2,200	1,100	520	1,200	1,800	ND	NA	NA	NA	NA	NA		
		Fuel ID	#2 Diesel	#2 Diesel	#2 Diesel	NA	NA	#2 Diesel	#2 Diesel	#2 Diesel	NA	#2 Diesel	NA	NA	NA	NA	NA	NA	NA	NA	#2 Diesel	#2 Diesel	#2 Diesel	#2 Diesel	#2 Diesel	#2 Diesel	NA	NA	NA	NA	NA	NA		
		% Moisture	14.7	11.8	19.5	16.2	13.2	9	19.3	11.4	20.7	13.7	15.7	17.2	10.6	10.2	10.8	16.5	13.4	11.1	21.7	13.6	18.7	12.5	12.1	21.4	10.9	8.8	17.2	6.6	7.3			
TOC	-	-	-	<180	-	-	-	-	<340	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Soil Description	Sand/Pipe Backfill	Silt	Sand/Pipe Fill	Glacial Till	Glacial Till	Glacial Till	Sa/Pipe Fill	Gravel Fill	Glacial Till	Sand/Pipe Fill	Glacial Till	Glacial Till	Sand/Pipe Fill	Sand/Pipe Fill	Sand/Pipe Fill	Sand/Pipe Fill	Glacial Till	Glacial Till	Glacial Till	Weathered Limestone	Glacial Till	Fill	Fill	Glacial Till	Glacial Till	Pipe Backfill	Glacial Till	Weathered Limestone	Weathered Limestone					
NYSDEC Soil Cleanup Objective (ug/kg) (3)	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result				
Volatile Organic Compounds																																		
Volatile Organic Compounds	Methyl Tertiary Butyl Ether	µg/kg			<2,000	<0.3	<15	NA	<0.4	<36	<14	<16	<0.4	<0.3	<0.3	<0.4	<4	<0.4	<0.4	<0.4	<0.4	<0.3	<7	<8	<8	<7	<8	<8	<0.3	<0.3	0.8 J	<0.3	<0.4	
	Toluene	µg/kg	1,500		<4,800	0.9 J	<31	NA	<0.8	<72	<27	<31	<0.7	<0.6	<0.7	<0.7	<4	<0.8	<0.9	<0.8	<0.7	<0.7	<15	<16	<16	<15	<15	<17	<0.7	<0.6	<0.9	<0.7	<0.8	
	Ethylbenzene	µg/kg	5,500		<4,000	<0.7	150	NA	<0.8	330 J	340	<31	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	20 J	66 J	<16	<15	58 J	<17	<0.7	<0.6	<0.9	<0.7	<0.8	
	m+p-Xylene	µg/kg			<7,300	1 J	210	NA	<0.8	2,000	110 J	<31	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	22 J	40 J	<16	39 J	84	<17	<0.7	<0.6	<0.9	<0.7	<0.8	
	o-Xylene	µg/kg			<4,000	<0.7	160	NA	<0.8	1,200	460	<31	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	<15	110	<16	<15	30 J	<17	<0.7	<0.6	<0.9	<0.7	<0.8	
	Total Xylene (calculated)	µg/kg	1,200			1	370	NA		3,200	570											22	150		39	114								
	Isopropylbenzene	µg/kg	2,300		NA	<0.7	320	NA	<0.8	1,100	560	140 J	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	59 J	260	<16	22 J	140	250	<0.7	<0.6	<0.9	<0.7	<0.8	
	n-Propylbenzene	µg/kg	3,700		NA	<0.7	780	NA	<0.8	2,000	990	220	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	89	430	<16	35 J	250	320	<0.7	<0.6	<0.9	<0.7	<0.8	
	1,3,5-Trimethylbenzene	µg/kg	3,300		5,100 J	<0.7	2,000	NA	<0.8	3,600	3,200	590	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	580	1,600	360	280	1,000	1,000	<0.7	<0.6	<0.9	<0.7	<0.8	
	tert-Butylbenzene	µg/kg	10,000		NA	<0.7	31 J	NA	<0.8	<72	45 J	<31	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	<15	26 J	<16	<15	<17	<0.7	<0.6	<0.9	<0.7	<0.8		
	1,2,4-Trimethylbenzene	µg/kg	10,000		18,000	1 J	5,000	NA	<0.8	19,000	7,900	200	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	340	2,200	41 J	410	2,600	290	<0.7	<0.6	<0.9	<0.7	<0.8	
	sec-Butylbenzene	µg/kg	10,000		NA	<0.7	1,000	NA	<0.8	2,100	940	750	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	110	590	27 J	110	320	370	<0.7	<0.6	<0.9	<0.7	<0.8	
	p-Isopropyltoluene	µg/kg	10,000		NA	<0.7	1,000	NA	<0.8	2,300	800	220	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	170	540	180	120	380	220	<0.7	<0.6	<0.9	<0.7	<0.8	
	n-Butylbenzene	µg/kg	10,000		NA	<0.7	1,300	NA	<0.8	2,500	1,100	<31	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	60 J	620	<16	120	430	250	<0.7	<0.6	<0.9	<0.7	<0.8	
	Naphthalene	µg/kg	13,000		6,000 J	0.7 J	850	NA	<0.8	5,300	2,600	190	<0.7	<0.6	<0.7	<0.7	<0.7	<0.8	<0.9	<0.8	<0.7	<0.7	49 J	1,300	77 J	290	1,500	660	<0.7	<0.6	<0.9	<0.7	<0.8	
	Acetone	µg/kg	200		<35,400	59	<210	NA	<6	<500	<190	<220	17	9 J	5 J	8 J	13 J	17 J	27	<5	8 J	19	<100	<120	<110	<100	<110	<120	36	27	7 J	<5	6 J	
	Carbon Disulfide	µg/kg	2,700		<2,500	2 J	<31	NA	<0.8	<72	<27	<31	<0.7	1 J	<0.7	<0.7	<0.7	1 J	2 J	1 J	1 J	<0.7	3 J	<15	<16	<16	<15	<15	<17	<0.7	2 J	1 J	<0.7	<0.8
	2-Butanone	µg/kg	300		<5,000	11	<120	NA	<3	<290	<110	<120	<3	<3	<3	<3	<3	4 J	<3	<3	<3	<3	<58	<66	<64	<59	<61	<68	4 J	3 J	<4	<3	<3	
	Sum of TCL Volatiles	µg/kg	10,000		29,100	76	12,801			41,430	19,045	2,310	17	10	5	8	14	19	32	1	8	22	1,499	7,782	685	1,426	6,792	3,360	40	32	8.8		6	
Semi-Volatile Organic Compounds																																		
Semi-Volatile Organic Compounds	Dibenzofuran	µg/kg	6,200		220	<38	450	NA	<38	350	<41	<38	<42	<39	<40	<40	<190	<37	<37	<40	<38	NA	150 J	520	<41	130 J	260	NA	NA	<37	<40	<36	<36	
	2-Methylnaphthalene	µg/kg	36,400		5,000	<38	12,000	NA	<38	6,700	6,400	1,600	<42	<39	<40	<40																		

Table 3
Laboratory Results -VOCs in Water Samples
Report of Findings, Investigation of Petroleum Release
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, New York

				Utility Manhole Area												B640 Pipe Pit Area																							
Analysis Name	Units	NY State Ambient Water Quality Standards (µg/L) (3)	NY State Water Quality Guidance Values (µg/L) (4)	Well Number (2)	MW 426				MW 427				MW 428				MW 430	MW 431				MW 432																	
				Sample Name	MW-1A-S1	GW060321_426_MW1_A	MW426	MW426*	MW-2-S1	MW-2-S1-D	GW060321_427_MW2	NR060321_309_Dupe	MW427	MW427*	MW-3-S1	GW060321_428_MW3	MW428	MW428*	MW-5-S1	MW431	MW431*	GW060418_431	GW060427_431	MW432	MW432*	GW060418_432	NR060418_309	GW060427_432	NR060427_309										
				Sample Date	2/16/2006	3/21/2006	4/4/2006	4/4/2006	2/16/2006	2/16/2006	3/21/2006	3/21/2006	4/4/2006	4/4/2006	2/16/2006	3/21/2006	4/4/2006	4/4/2006	2/21/2006	4/4/2006	4/4/2006	4/18/06	4/27/2006	4/5/2006	4/4/2006	4/18/06	4/18/06	4/27/2006	4/27/2006										
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result										
Volatile Organic Compounds																																							
Methyl Tertiary Butyl Ether	ug/l	na	10		1	J	<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	0.5	J	<0.5	<0.5	<1.0	1,300	14	<200	19	7		38	34	83	82	39	39							
Chloroform	ug/l	7			<0.8		<0.8	<0.8	<1.0	<0.8	<0.8	<0.8	<0.8	<0.8	<1.0	<0.8		<0.8	<0.8	<1.0	<0.8	3	J	<200	<0.8	<0.8		<0.8	<10	<0.8	<0.8	<0.8	<0.8						
Benzene	ug/l	1			<0.5		<0.5	<0.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5		<0.5	<0.5	<1.0	53	0.6	J	<200	2	J	0.6	J	3	J	<10	4	J	4	J	3	J	3	J
Toluene	ug/l	5			<0.7		<0.7	<0.7	<1.0	<0.7	<0.7	<0.7	<0.7	<0.7	<1.0	<0.7		<0.7	<0.7	<1.0	1	J	<0.7	<200	<0.7	<0.7		1	J	<10	<0.7	<0.7	<0.7	<0.7	<0.7				
Ethylbenzene	ug/l	5			<0.8		<0.8	<0.8	<1.0	<0.8	<0.8	<0.8	<0.8	<0.8	<1.0	<0.8		<0.8	<0.8	<1.0	3	J	13	<200	12	3	J	42	29	28	27	27	27	27	27				
m+p-Xylene	ug/l	na			<0.8		<0.8	<0.8	NA	<0.8	<0.8	<0.8	<0.8	<0.8	NA	<0.8		<0.8	<0.8	NA	53	9	NA	9	3	J	54	NA	24	23	20	20	20	20					
o-Xylene	ug/l	5			<0.8		<0.8	<0.8	NA	<0.8	<0.8	<0.8	<0.8	<0.8	NA	<0.8		<0.8	<0.8	<1.0	130	19	NA	17	9		89	NA	47	46	44	44	44	44					
Total Xylene (calculated)	ug/l	na			-		-	-	<1.0	-	-	-	-	-	<1.0	-		-	-	-	183	28	<200	26	12		143	92	71	69	64	64	64	64					
Isopropylbenzene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	15	22	NA	15	1	J	35	22	23	23	24	24	24	24					
n-Propylbenzene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	11	26	NA	19	1	J	45	31	31	31	30	30	30	30					
1,3,5-Trimethylbenzene	ug/l	5			2	J	<1	<1	.93	J	<1	<1	<1	<1	NA	<1		<1	<1	NA	82	120	311	110	26		150	121	130	130	120	120	120	120					
tert-Butylbenzene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	<1	<1	NA	1	J	<1	1	J	NA	<1	<1	<1	<1	<1					
1,2,4-Trimethylbenzene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	120	180	429	150	44		350	348	270	280	240	230	230	230					
sec-Butylbenzene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	7	18	NA	15	<1		20	NA	12	13	16	16	16	16					
p-Isopropyltoluene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	10	18	NA	18	7		21	14	14	15	15	15	15						
n-Butylbenzene	ug/l	5			<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	3	J	14	130	J	13	<1.0	15	19	10	10	9	9	9					
Naphthalene	ug/l	na	10		<1		<1	<1	NA	<1	<1	<1	<1	<1	NA	<1		<1	<1	NA	61	80	161	72	18		180	176	130	120	130	130	130	130					
Acetone	ug/l	na	50		<6		<6	<1	<10	<6	<6	<6	<6	<6	<10	11	J	<6	<6	<10	<6	31	<2000	<6	<6.0	<6	<100	<6	<6	<6	<6	<6	<6						
2-Butanone	ug/l	na	50		<3		<3	<3	<2.0	<3	<3	<3	<3	<3	<2.0	<3		<3	<3	<2.0	<3	7	J	<400	<3	<3.0	<3	<20	<3	<3	<3	<3	<3	<3					
4-Methyl-2-pentanone	ug/l	na			<3		<3	<3	<1.0	<3	<3	<3	<3	<3	<1.0	<3		<3	<3	<1.0	16	<3	<200	<3	<3.0	<3	<10	<3	<3	<3	<3	<3	<3	<3					

ALL DETECTIONS ABOVE REPORTING LIMITS AREA EMBOLDENED

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ALL DETECTIONS ABOVE AMBIENT WATER QUALITY STANDARDS ARE SHADED AND EMBOLDENED

50

(see Note 3)

Notes:

1. This table presents the data derived from sampling and analysis of groundwater. The sampling was performed by Sanborn Head & Associates, Inc personnel and IBM personnel. The samples were transmitted to Lancaster Laboratories of Lancaster, PA or IBM Hudson Valley Laboratory (denoted with an asterisk) for analysis. The table summarizes data for compounds that were analyzed for and detected in micrograms per liter (ug/l). Emboldened values indicate the analyte was detected above reporting limits. Analytes that were not detected in any samples are not listed on this table. For a complete listing of compounds that were not detected, please refer to the analytical laboratory reports included as Appendix D. "J" Indicates an estimated value. Values reported as "ND" in Appendix D are posted as less than the method detection limit on this table. "NA" indicates that this chemical was not analyzed.
2. Wells were renumbered for this report to be consistent with IBM's current inventory for the West Complex. Well MW-1A was renamed MW-426, MW-2 was renamed MW-427, Well MW-3 was renamed MW-428, Well MW-4 was renamed MW-429, and Well MW-5 was renamed MW-430.
3. Class GA Ambient Water Quality Standards are from 6 NYCRR Part 703.5, Effective Date: 1967, Amended last on August 1999.
4. Water Quality Guidance values were obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) titled AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS. MTBE is a guidance value added to the TOGS 1.1.1 April 2000 Addendum.
- * Analysis was performed by IBM Hudson Valley Laboratory.

Table 3 (con't)
Laboratory Results -SVOCs in Water Samples
Report of Findings, Investigation of Petroleum Release
Preferred Real Estate Property, Former IBM West Complex
Hopewell Junction, NY

				Utility Manhole Area												B640 Pipe Pit Area											
Analysis Name	Units	NY State Ambient Water Quality Standards (µg/L) (3)	NY State Water Quality Guidance Values (µg/L) (4)	Well Number (2)	MW 426			MW 427				MW 428			MW 431				MW 432								
				Sample Name	MW-1A-S1	GW060321_426_MW1A	MW426	MW-2-S1	MW-2-S1-D	GW060321_427_MW2	NR060321_309_DUPE	MW427	MW-3-S1	GW060321_428_MW3	MW428	MW431	MW431*	GW060418_431	GW060427_431	MW432	MW432*	GW060418_432	NR060418_309	GW060427_309	NR060427_309		
				Sample Date	2/16/06	3/21/06	4/4/06	2/16/06	2/16/06	3/21/06	3/21/06	4/4/06	2/16/06	3/21/06	4/4/06	4/4/06	4/4/06	04/18/06	4/27/06	4/5/06	4/5/06	04/18/06	04/18/06	4/27/06	4/27/06		
					Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result		
Semivolatile Organic Compounds																											
Dibenzofuran	ug/l	na			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	99 J	<2	65	2 J	4 J	<2	4 J	4 J	11	3 J		
2-Methylnaphthalene	ug/l	na			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1,900	348 D	1,100	6	150	116 D	150	140	100	110		
Acenaphthene	ug/l	na	20		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	190	52	160	5	9	7 J	9	9	10	9		
Fluorene	ug/l	na	50		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	330	60	210	6	10	9 J	10	9	24	8		
N-Nitrosodiphenylamine	ug/l	na	50		<2	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	610	<2	<20	<2	4 J	<2	<2	<2	3 J	2 J		
Phenanthrene	ug/l	na	50		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	800	173 D	530	7	13	11 J	13	12	9	7		
Anthracene	ug/l	na	50		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	91 J	14 J	74	3 J	1 J	<2	1 J	1 J	<0.9	<0.9		
Fluoranthene	ug/l	na	50		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	23 J	<2	25 J	<0.9	<1	<2	<1	<1	<0.9	<0.9		
Pyrene	ug/l	na	50		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	120	18 J	99	4 J	<1	<2	<1	<1	<0.9	<0.9		
bis(2-Ethylhexyl)phthalate	ug/l	5			<2	<2	<1	<1	<1	2 J	<1	<1	<1	<1	<1	<40	<2	52	<2	<1	<2	<2	<2	<2	<2		
Carbazole	ug/l	na			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<20	NA	<10	2 J	7	NA	7	7	<0.9	4 J		

ALL DETECTIONS ABOVE REPORTING LIMITS ARE EMBOLDENED
ALL DETECTIONS ABOVE AMBIENT WATER QUALITY STANDARDS ARE SHADED AND EMBOLDENED

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50 (see Note 3)

- Notes:
1. This table presents the data derived from sampling and analysis of groundwater. The sampling was performed by Sanborn Head & Associates, Inc personnel and IBM personnel. The samples were transmitted to Lancaster Laboratories of Lancaster, PA or IBM Hudson Valley Laboratory (denoted with an asterisk) for analysis. Please refer to Table 1 for a summary of the laboratory testing program. The table summarizes data for compounds that were analyzed for and detected in micrograms per liter (ug/l). Emboldened values indicate the analyte was detected above reporting limits. For a complete listing of compounds that were not detected, please refer to the analytical laboratory reports included as Appendix D. "J" Indicates an estimated value. Values reported as "ND" in Appendix D are posted as less than the method detection limit on this table. "NA" indicates that this chemical was not analyzed.
2. Wells were renumbered for this report to be consistent with IBM's current inventory for the West Complex. Well MW-1A was renamed MW-426, MW-2 was renamed MW-427, Well MW-3 was renamed MW-428, Well MW-4 was renamed MW-429, and Well MW-5 was renamed MW-430.
3. Class GA Ambient Water Quality Standards are from 6 NYCRR Part 703.5, Effective Date: 1967, Amended last on August 1999.
4. Ambient Water Quality Guidance values were obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) titled AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS. MTBE is a guidance value added to the TOGS 1.1.1 April 2000 Addendum.
- * Analysis was performed by IBM Hudson Valley Laboratory. Analytes that were reported using both method 8260 and 8270 are listed in VOCs, 8260 value is posted.

FIGURES

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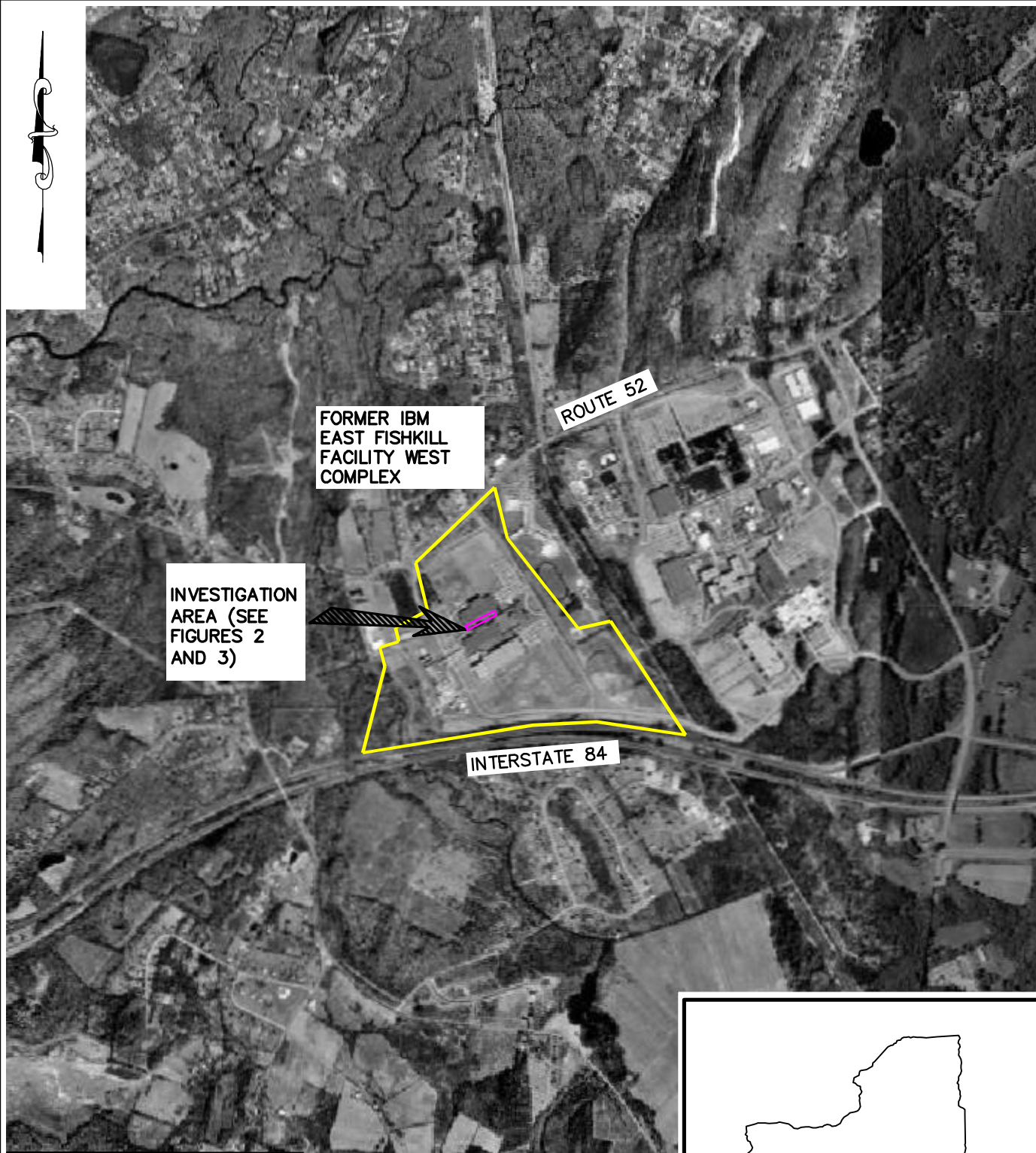
FILE: Q:\PORTLAND\2618\dwg\FIGURE 1.dwg

LAYOUT: Layout1

CTB FILE: SHA STANDARD.CTB

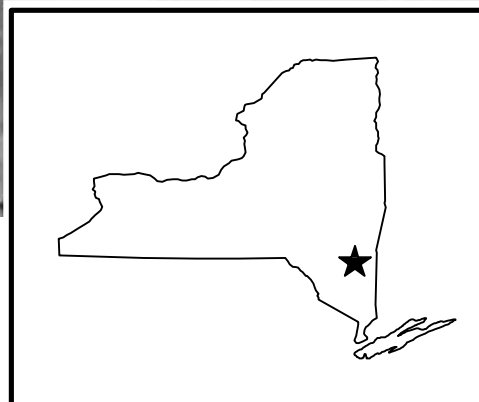
PLOT DATE: 7-18-06

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NOTES:

BASE MAP FROM USGS TERRA
SERVER AERIAL PHOTO:
HOPEWELL JUNCTION, NEW YORK,
DATED MARCH 27, 1995



REPORT OF FINDINGS
INVESTIGATION OF PETROLEUM RELEASE, NYSDEC SPILL NO. 0509651
PREFERRED REAL ESTATE PROPERTY, FORMER IBM EAST FISHKILL FACILITY WEST COMPLEX
HOPEWELL JUNCTION, NEW YORK

SHA
Sanborn, Head & Associates
Consulting Engineers & Scientists

LOCUS PLAN

SCALE: 1" = 2000'

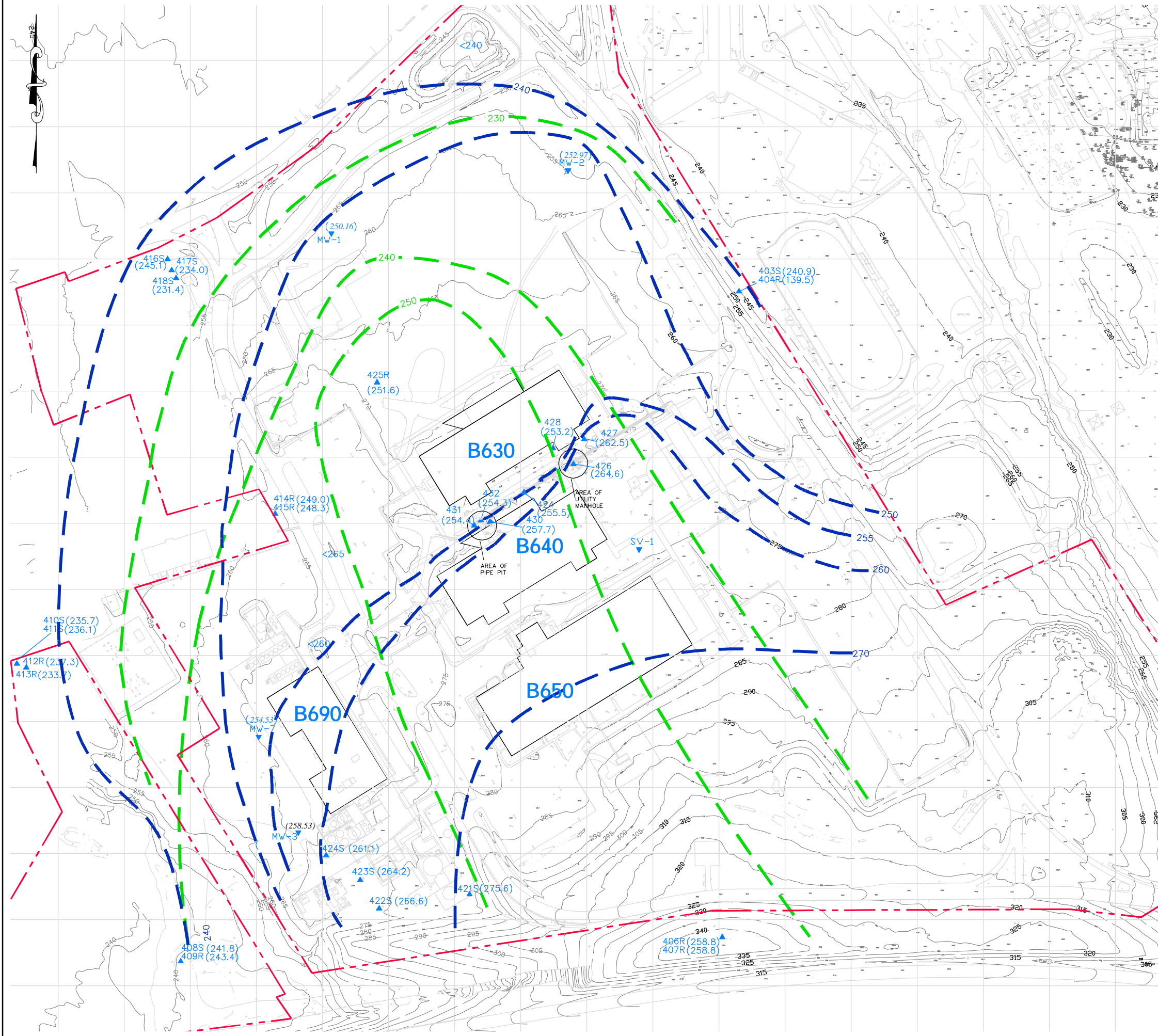
DRAWN BY: MTS

FILE NO. 2618.00

DATE: JULY 06

CHECKED BY: DAI

FIGURE NO. 1

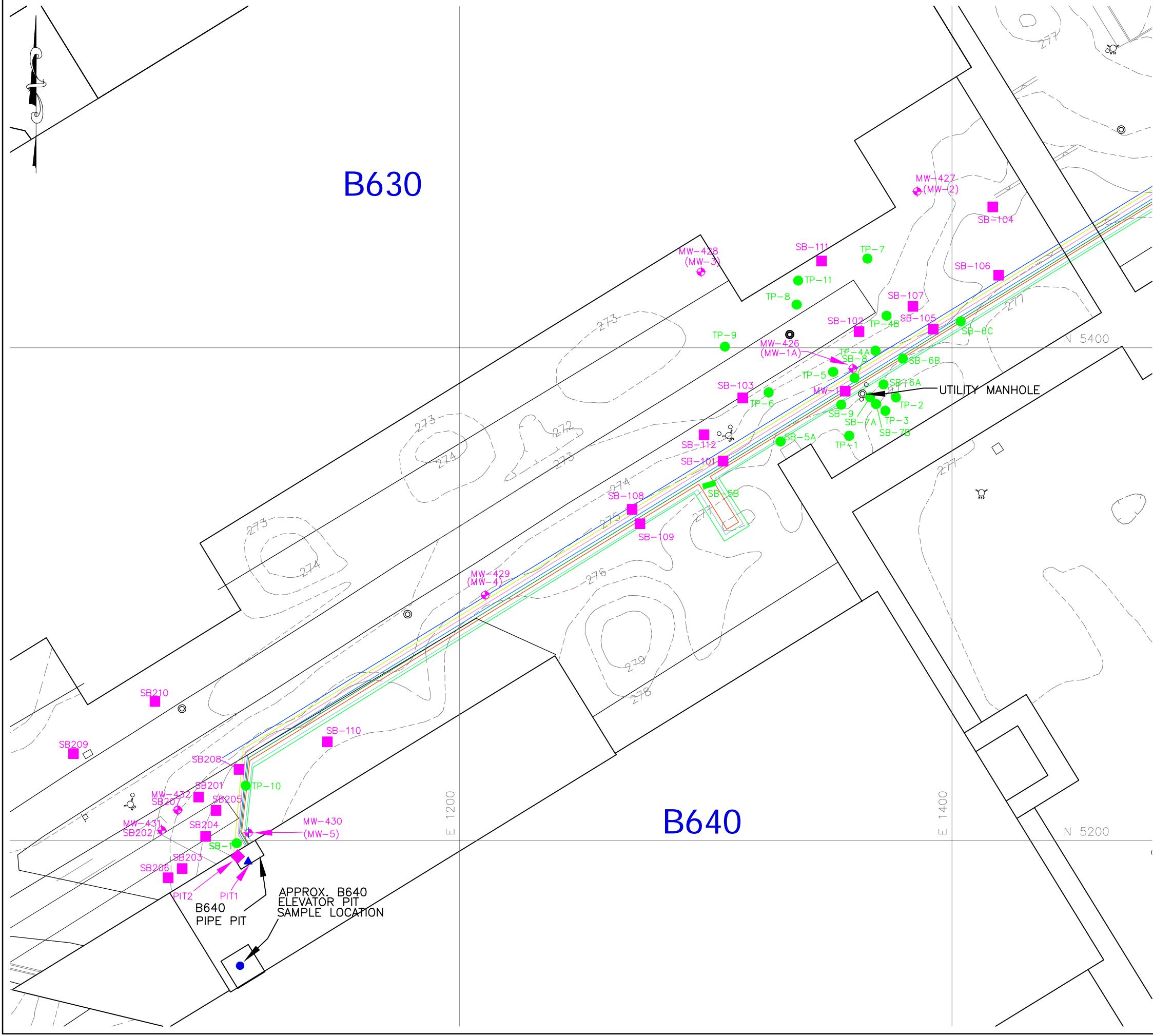


4. THE SITE BOUNDARY WAS CREATED BY SUPERIMPOSING AN ELECTRONIC SCAN OF THE WILLIAM F. COSULICH ASSOCIATES, P.C. FIGURE 1-1 ENTITLED "SUPPLEMENTAL INVESTIGATION OF AREA OF CONCERN 1 UNDERGROUND PETROLEUM TRANSFER PIPING LOCATION MAP", MARCH 8, 2006 , ORIGINAL SCALE 1"=200' AS NOTED ON FIGURE 1-1. THE "DRAWING WAS PREPARED BY COMPLETION OF THE 2006 MINERAL FIELD SURVEY IN ORDER TO CORRELATE BOUNDARY WITH I.B.M. PHOTOGRAMMETRIC GRID. ALL PLANIMETRIC DETAIL TAKEN FROM MARCH 1997 FLIGHT AND MAPPING PREPARED BY GOLDEN AERIAL SURVEYS.

MW-1

LOCATION OF GROUNDWATER SAMPLE(S) ACQUIRED BY ROUX ASSOCIATES, INC.

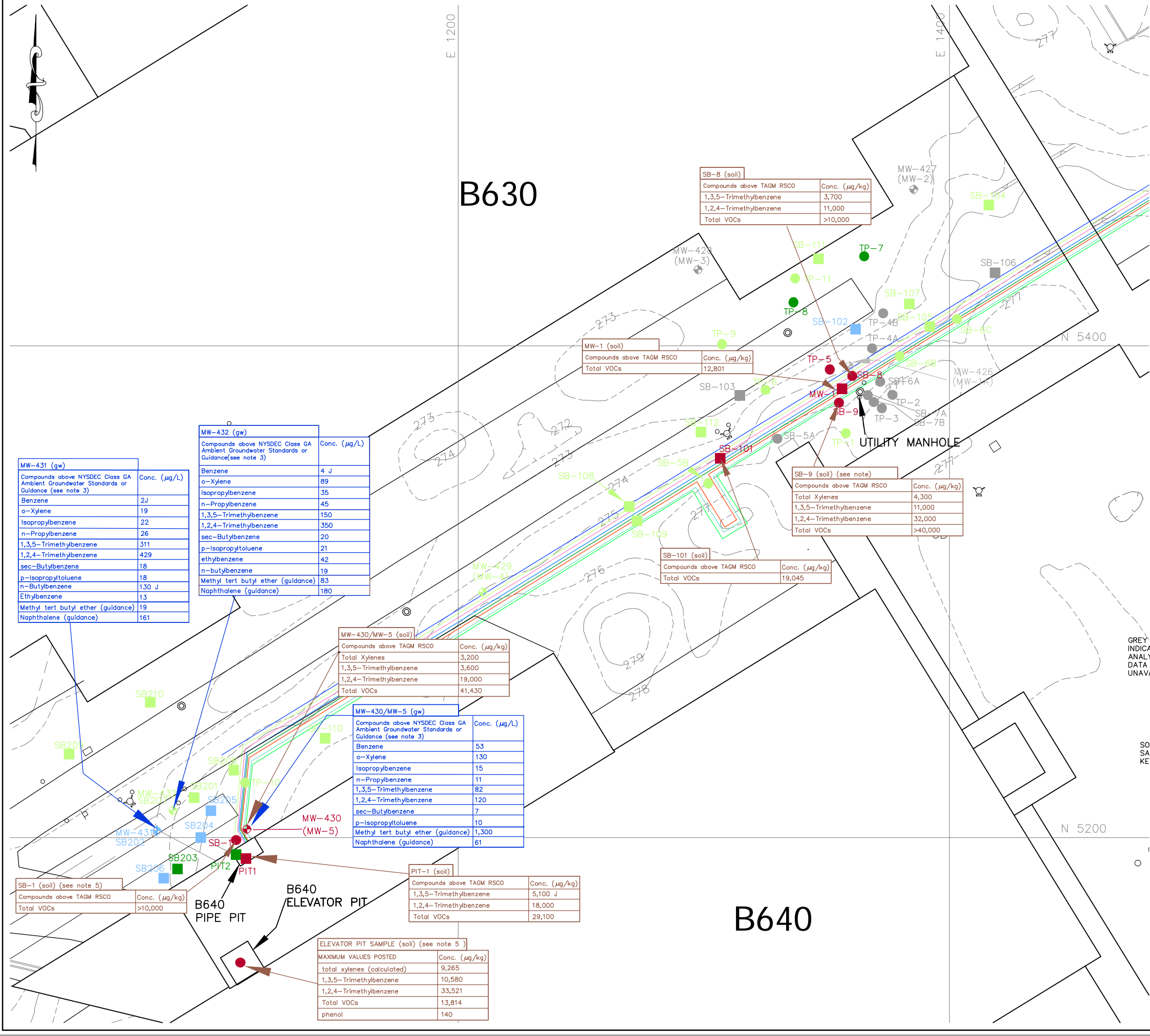
[illegible]



- NOTES:
1. THE BASE PLAN WAS PREPARED FROM PHOTOGRAMMETRIC TOPOGRAPHY ON MARCH 21, 1997 BY GOLDEN AERIAL SURVEYS (GOLDEN). THE PLAN WAS SUPPLEMENTED BY GROUND CONTROL POINTS ESTABLISHED IN THE SUMMER OF 1997 BY HAYWARD AND PAKAN ASSOCIATES, INC. (HPA), OF POUGHKEEPSIE, NEW YORK. THE TOPOGRAPHIC PLAN WAS THEN PREPARED BY GOLDEN FOR IBM CORPORATION, AND TRANSFERRED BY IBM ELECTRONICALLY TO SHA AS A FILE ENTITLED "9718.DWG" DATED FEBRUARY 8, 1998.
 2. LOCATIONS OF UNDERGROUND UTILITIES WERE OBTAINED FROM AN UNDATED PLAN ENTITLED "DIRECT BURIAL PIPING ALTERNATE BLDG 640 TO BLDG 600" PREPARED BY GIFFELS ASSOCIATES, INC., OF SOUTHFIELD, MICHIGAN. LOCATIONS SHOULD BE CONSIDERED APPROXIMATE.
 3. LOCATIONS OF SOIL BORINGS (SB-5A, SB-5B, SB-6B, & SB-6C), TEST PITS (TP-1, TP-3, TP-4A, TP-4B, TP-7, TP-9, & TP-11), VACUUM EXCAVATIONS, AND MONITORING WELLS WERE OBTAINED FROM A FEBRUARY 2006 SURVEY PERFORMED BY SPECTRA ENGINEERING, ARCHITECTURE & SURVEYING, P.C. (SPECTRA). LOCATION OF TEST EXCAVATIONS TP-10, SB-1, SB-7A, SB-7B, SB-8 AND SB-9 WERE OBTAINED FROM A MARCH 2006 SURVEY PERFORMED BY SPECTRA.
 4. MONITORING WELLS MW-1A THROUGH MW-5 WERE REDESIGNATED MW-426 THROUGH MW-430 TO CONFORM TO THE NUMBERING SEQUENCE FOR IBM MONITORING WELLS WITHIN THE FORMER WEST COMPLEX. PLEASE REFER TO APPENDIX C.1 FOR ADDITIONAL DETAILS.

- LEGEND:
- TEST PIT LOCATION (EXCAVATED BY OTHERS)
 - ◆ SOIL SAMPLE AT PIPE PENETRATIONS B640 PIT
 - ▲ APPROXIMATE SUBSLAB SOIL SAMPLE LOCATION
 - VACUUM EXCAVATION LOCATION
 - ◆ MONITORING WELL LOCATION
 - - - GROUND SURFACE TOPOGRAPHIC CONTOURS (1 FOOT INTERVAL)
- APPROXIMATE LOCATIONS OF SUBSURFACE PIPING (LISTED FROM SOUTH TO NORTH):
- HIGH TEMPERATURE HOT WATER (RETURN) (4")
 - HIGH TEMPERATURE HOT WATER (SUPPLY) (4")
 - DIESEL FUEL (2")
 - COMPRESSED AIR (2")
 - CHILLED WATER (SUPPLY) (8")
 - CHILLED WATER (RETURN) (8")
 - FORCED INDUSTRIAL WASTE (3")
 - WATER (4")
 - MANHOLE

REPORT OF FINDINGS		PROJECT NUMBER: 2618	FIGURE NUMBER: 3
INVESTIGATION OF PETROLEUM RELEASE, NYSDEC SPILL NO. 0509651 PREFERRED REAL ESTATE PROPERTY, FORMER IBM EAST FISHKILL FACILITY WEST COMPLEX HOPEWELL JUNCTION, NEW YORK			
EXPLORATION LOCATION PLAN			
DRAWN BY: MTS DESIGNED BY: MTS CHECKED BY: DAI REVIEWED BY: DBC PROJECT MGR: DAI PIC: DBC DATE: JULY 06		GRAPHICAL SCALE 20 10 0 20 40 Sanborn, Head & Associates Consulting Engineers & Scientists	
		NO. DATE DESCRIPTION	



NOTES:

1. THIS FIGURE IS INTENDED TO DEPICT THE AVAILABLE DATA AND INFERENCE FOR GROUNDWATER AND SOIL DATA COLLECTED BY SHA AND OTHERS. THE DATA BOXES PRESENT THE HIGHEST REPORTED CONCENTRATION FOR CHEMICALS ANALYZED AND REPORTED ABOVE NYSDEC STANDARDS OR GUIDANCE (SEE TEXT FOR DISCUSSION).

2. TECHNICAL AND ADMINISTRATIVE GUIDANCE MEMORANDUM (TAGM) RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCO) ARE FROM THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC), DECEMBER 20, 2000 MEMORANDUM FROM MICHAEL J. O'TOOLE, JR., DIRECTOR, DIVISION OF ENVIRONMENTAL REMEDIATION, ENTITLED "DETERMINATION OF SOIL CLEANUP LEVELS" TABLE "RECOMMENDED SOIL CLEANUP OBJECTIVES FOR FUEL OIL CONTAMINATED SOILS" AND NYSDEC TAGM MEMORANDUM #4046 (TAGM 4046) "DETERMINATION OF SOIL CLEANUP OBJECTIVES AND CLEANUP LEVELS", 24 JANUARY 1994. ONLY THOSE CHEMICALS REPORTED ABOVE RSCO ARE SHOWN ON THIS FIGURE. SEE TABLE 2 AND REPORT APPENDICES FOR COMPLETE ANALYTICAL RESULTS.

3. GROUNDWATER DATA ARE COMPARED TO NYSDEC CLASS GA AMBIENT GROUNDWATER QUALITY STANDARDS AS PER 6 NYCRR PART 703.5, EFFECTIVE DATE: 1967, LAST AMENDED ON AUGUST 1999. GUIDANCE VALUES ARE PER NYSDEC DIVISION OF WATER TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS 1.1.1) TITLED "AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES AND GROUNDWATER EFFLUENT LIMITATIONS". METHYL TERT BUTYL ETHER IS A GUIDANCE VALUE ADDED TO THE TOGS 1.1.1 APRIL 2000 ADDENDUM.

4. LOCATION "TP-5" IS COLOR CODED AS EXCEEDING TAGM DUE TO THE OBSERVATION OF RESIDUAL PETROLEUM LIQUID NOTED IN BORING LOGS PRODUCED BY WFC, INC.; HOWEVER, THIS HAS NOT BEEN VERIFIED THROUGH ANALYTICAL TESTING OF SOIL SAMPLES.

5. ELEVATOR PIT DATA ARE FROM THE IBM HUDSON VALLEY ENVIRONMENTAL LABORATORY FOR SAMPLES COLLECTED ON JUNE 7, 2004. THE POSTED DATA REFLECT THE HIGHEST VALUES RECORDED IN ANALYSIS OF FOUR SOIL SAMPLES.

6. SEE FIGURE 3 FOR ADDITIONAL NOTES AND LEGEND.

[illegible]

1. THE CROSS SECTION WAS CREATED BASED ON A REVIEW OF EXPLORATION LOGS AND MONITORING WELL DATA PRODUCED BY SHA OR PROVIDED TO SHA BY IBM CORPORATION. THE BOUNDARIES BETWEEN DIFFERENT STRATA AS SHOWN WERE INTERPOLATED BETWEEN EXPLORATION LOCATIONS. THE APPROXIMATE STRATIGRAPHIC BOUNDARIES WERE CHECKED FOR CONSISTENCY WITH GEOLOGIC AND HYDROGEOLOGIC MAPS AT PROFILE INTERSECTION POINTS. THE ELEVATIONS ARE IN FEET RELATIVE TO THE NATIONAL GEODETIC VERTICAL DATUM (NGVD) OF 1929 ABOVE MEAN SEA LEVEL (AMSL). BORING AND WELL ELEVATIONS PROVIDED BY SPECTRA ENVIRONMENTAL, INC. GROUNDWATER LEVEL MEASUREMENTS RECORDED BY IBM PERSONNEL ON 4/12/06.
2. BUILDING B640 PIPE AND ELEVATOR PIT AND FINISHED FLOOR ELEVATIONS FROM GIFFELS ASSOCIATES, INC. DRAWINGS C-640-4 AND C-640-11 ENTITLED "FOOTING SCHEDULE AND DETAILS" AND "ELEVATOR PITS PLANS & SECTIONS", DATED 3/8/84.
3. SOIL SAMPLES WERE SCREENED FOR VOLATILE ORGANIC COMPOUNDS (VOCs) USING A MINIRAE 2000 PHOTOIONIZATION DETECTOR (PID) WITH A 106V EV LAMP, CALIBRATED TO 100 PARTS PER MILLION BY VOLUME (PPMV) ISOBUTYLENE-IN-AIR STANDARD USING A RESPONSE FACTOR OF 1.0. RESULTS ARE PRESENTED IN PPMV. THE PID MEASURES RELATIVE LEVELS OF VOCs. ALTHOUGH PID SCREENING CAN NOT BE USED DIRECTLY TO QUANTIFY VOC CONCENTRATIONS OR IDENTIFY INDIVIDUAL COMPOUNDS, THE RESULTS SERVE AS A RELATIVE INDICATOR FOR THE PRESENCE OF VOCs.
4. 106W BORING IS A HISTORICAL BORING COMPLETED ON 10/5/83 BY DAMES AND MOORE, INC. (INFORMATION PROVIDED IN A REPORT TITLED "LOG OF BORINGS, WEST COMPLEX, (SBS/KAHN PROPERTY), IBM EAST FISHKILL FACILITY" BY DAMES AND MOORE, INC.)
5. THE "SOIL CLEANUP OBJECTIVES" ARE FROM NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, DECEMBER 20, 2000, MEMORANDUM MICHAEL J. O'TOOLE, JR. DIRECTOR, DIVISION OF ENVIRONMENTAL REMEDIATION, ENTITLED "DETERMINATION OF SOIL CLEANUP LEVELS" TABLE "RECOMMENDED SOIL CLEANUP OBJECTIVES FOR FUEL OIL CONTAMINATED SOILS" AND NYSDEC TECHNICAL AND ADMINISTRATIVE GUIDANCE MEMORANDUM #4046 (TAGM 4046) DETERMINATION OF SOIL CLEANUP OBJECTIVES AND CLEANUP LEVELS, 24 JANUARY 1994.
6. SEE FIGURES 2 AND 3 FOR ADDITIONAL NOTES AND LEGEND.

B

PHOTOIZATION DETECTOR HEADSPACE SCREENING RESULTS FOR SOIL SAMPLE IN PARTS PER MILLION ON A VOLUMETRIC BASIS ROUNDED TO TWO SIGNIFICANT DIGITS (PPMV). (SEE NOTE 3)

TOTAL FUEL-RELATED VOCs ABOVE NYSDEC TAGM 4046, RECOMMENDED SOIL CLEANUP OBJECTIVES (RSCO). (SEE NOTE 5)

TOTAL FUEL-RELATED VOCs GREATER THAN OR EQUAL TO 1,000 AND LESS THAN 10,000 $\mu\text{G/KG}$ (ALL INDIVIDUAL COMPOUNDS AND TOTAL VOCs BELOW NYSDEC RSCO).

TOTAL FUEL-RELATED VOCs IS LESS THAN 1,000 $\mu\text{G/KG}$ (ALL INDIVIDUAL COMPOUNDS AND TOTAL VOCs BELOW NYSDEC RSCO).

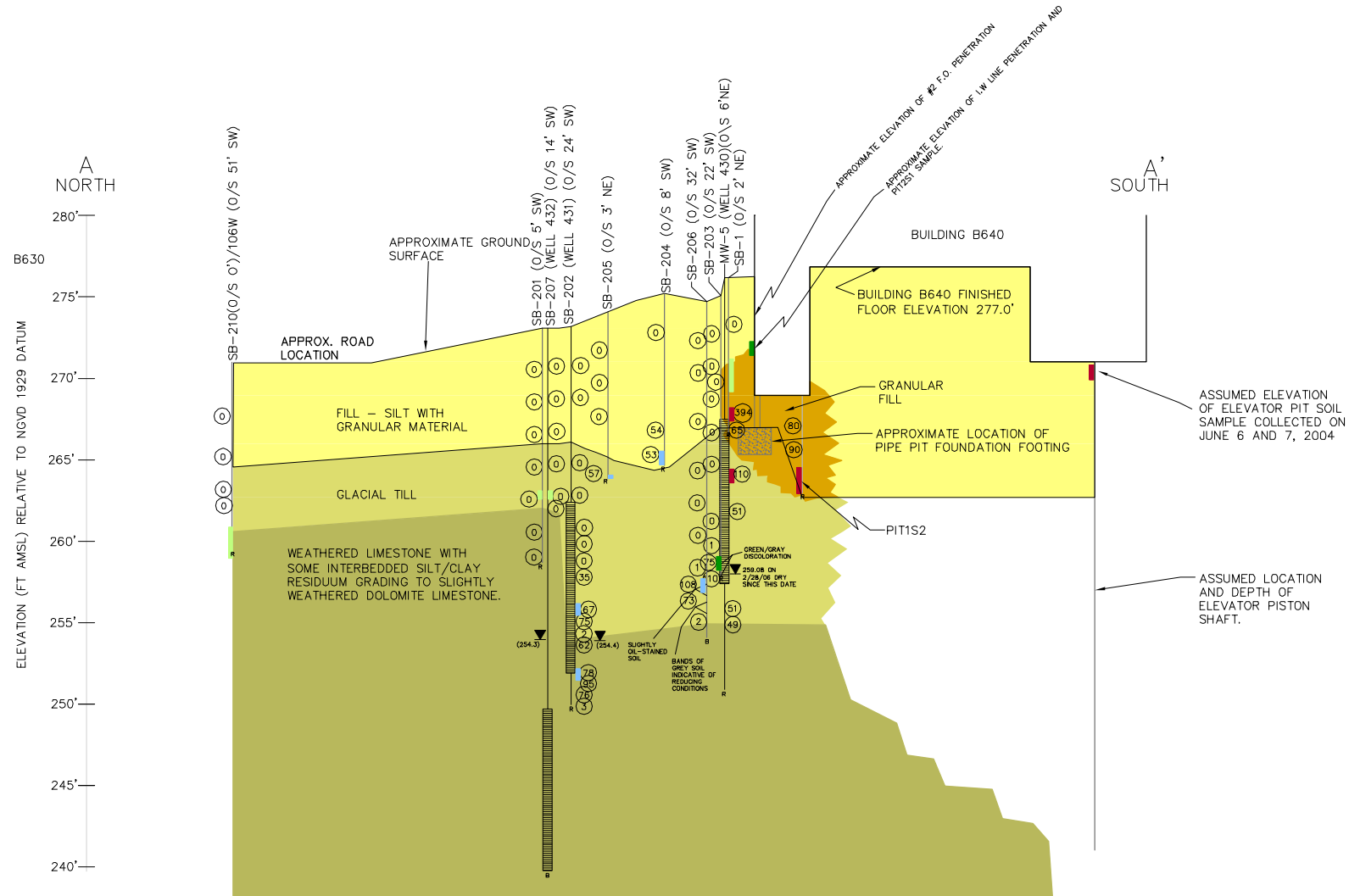
FUEL-RELATED VOCs NOT DETECTED

GROUNDWATER ELEVATION 4/12/06 OR AS NOTED.

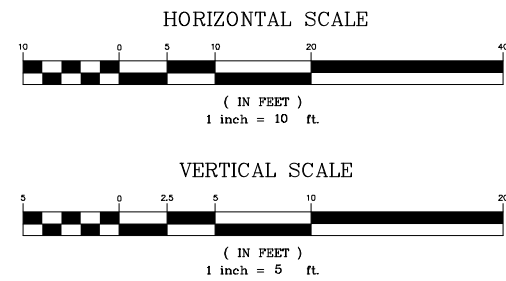
MONITORING WELL SCREEN LOCATION

DRILLING TERMINATED UPON ENCOUNTER OF DRILL STRING REFUSAL

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CROSS-SECTION A-A'



REPORT OF FINDINGS

INVESTIGATION OF PETROLEUM RELEASE, NYSDEC SPILL NO. 0509651


PREFERRED REAL ESTATE PROPERTY, FORMER IBM EAST FISKILL FACILITY WEST COMPLEX

HOPWELL JUNCTION, NEW YORK

CROSS-SECTION A-A',

DRAWN BY: MTS
DESIGNED BY: MTS
CHECKED BY: DAI
REVIEWED BY: JO
PROJECT MGR: DAI
PIC: DBC
DATE: JULY 06

GRAPHICAL SCALE



AS NOTED

SMA

Sanborn, Head & Associates
Consulting Engineers & Scientists

[illegible]

APPENDIX A

LIMITATIONS

APPENDIX A

LIMITATIONS

1. The conclusions and recommendations described in this report are based in part on the data obtained from a limited number of soil and groundwater samples from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further investigation is initiated. If variations or other latent conditions then appear evident, it will be necessary to re-evaluate the recommendations of this report.
2. The generalized soil profile described in the text is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized and have been developed by interpretations of widely spaced explorations and samples; actual soil transitions are probably more gradual. For specific information, refer to the exploration logs.
3. Water level measurements have been made in the observation wells at times and under conditions stated within the text of the report and indicated on the exploration logs and in the report. Note that fluctuations in the level of the groundwater may occur due to variations in rainfall and other factors not evident at the time measurements were made.
4. Quantitative laboratory analyses were performed as part of the investigation as noted within the report. The analyses were performed for specific parameters that were selected during the course of this study. SHA has relied upon the data provided by the analytical laboratory, and has not conducted an independent evaluation of the reliability of these data. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their distribution within the groundwater and soil may occur due to the passage of time, seasonal water table fluctuations, recharge events, and other factors.
5. The conclusions contained in this report are based in part upon various types of chemical data as well as historical and hydrogeologic information developed by previous investigators. While SHA has reviewed that data and information as stated in this report, any of SHA's interpretations, conclusions, and recommendations that have relied on that information will be contingent on its validity. Should additional chemical data, historical information, or hydrogeologic information become available in the future, such information should be reviewed by SHA and the interpretations, conclusions and recommendations presented herein should be modified accordingly.
6. This report has been prepared for the exclusive use of IBM Corporation in accordance with generally accepted hydrogeologic practices. No other warranty, express or implied, is made.

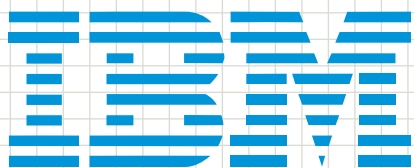
7. The analyses and recommendations contained in this report are based on the data obtained from the referenced subsurface explorations. The explorations indicate subsurface conditions only at the specific locations and times, and only to the depths penetrated. They do not necessarily reflect strata variations that may exist between such locations. The validity of the recommendations is based in part on assumptions SHA has made about conditions at the site. Such assumptions may be confirmed only during remediation. If subsurface conditions different from those described become evident, the conclusions in this report must be re-evaluated.

APPENDIX B

BACKGROUND INFORMATION

APPENDIX B.1

**W.F. COSULICH SUPPLEMENTAL INVESTIGATION OF AOC 1,
INTERNATIONAL BUSINESS MACHINES CORPORATION, WEST
COMPLEX, HOPEWELL JUNCTION, NEW YORK**

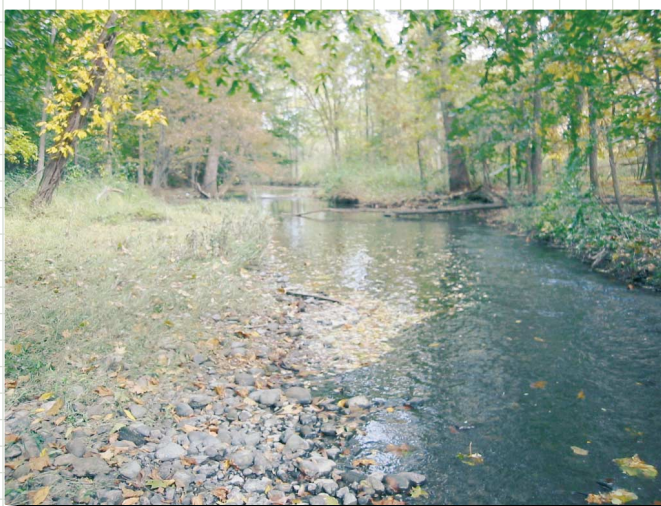


International Business Machines Corporation

EAST FISHKILL FACILITY
HOPEWELL JUNCTION, NY



SUPPLEMENTAL INVESTIGATION OF AOC 1



**January 2006
Revised March 2006**

Prepared by:



William F. Cosulich Associates, P.C.
ENVIRONMENTAL ENGINEERS AND SCIENTISTS

March 17, 2006

Ms. Michele J. West
Environmental Engineering and Operations
International Business Machines Corporation
Hudson Valley Research Park, B/325
2070 Route 52
Hopewell Junction, NY 12533-0999

Re: IBM East Fishkill
Supplemental Investigation of AOC1
WFC No. 2384-01

Dear Ms. West:

Enclosed please find a copy of the document entitled:

*“Supplemental Investigation of AOC 1
International Business Machines Corporation
Hopewell Junction, New York”*

If you have any questions and/or comments, please do not hesitate to call me at (516) 364-9880.

Very truly yours,

Brian M. Veith, P.E.
Vice President

BMV/KB/lpb

Enclosure

cc: R. Walka (WFC)

♦2384\BMV06LTR-03(R05)

SUPPLEMENTAL INVESTIGATION OF AOC 1

**INTERNATIONAL BUSINESS MACHINES CORPORATION
HOPEWELL JUNCTION, NEW YORK**

Prepared for:

**INTERNATIONAL BUSINESS MACHINES CORPORATION
EAST FISHKILL FACILITY
HOPEWELL JUNCTION, NEW YORK**

Prepared by:

**WILLIAM F. COSULICH ASSOCIATES, P.C.
WOODBURY, NEW YORK**

**JANUARY 2006
Revised March 2006**

**SUPPLEMENTAL INVESTIGATION OF AOC 1
INTERNATIONAL BUSINESS MACHINES CORPORATION
HOPEWELL JUNCTION, NEW YORK**

TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
	EXECUTIVE SUMMARY	ES-1
1.0	INTRODUCTION	1-1
1.1	Project Objective.....	1-1
1.2	Project Background	1-1
1.3	Project Scope	1-3
2.0	FIELD ACTIVITIES	2-1
2.1	Soil Sampling.....	2-1
2.2	Integrity Assessment of Petroleum Piping and Secondary Containment...	2-6
3.0	FINDINGS	3-1
3.1	Discussion of Field Observations and Analytical Results.....	3-1
3.2	Data Validation	3-4
4.0	CONCLUSIONS	4-1
4.1	AOC 1 - Underground Petroleum Transfer Piping Located Between B/640 and B/600	4-1

List of Appendices

Test Pit Logs.....	A
Chain-of-Custody Forms.....	B
Leak Test Logs	C
Laboratory Results.....	D

TABLE OF CONTENTS (continued)

List of Figures

1-1 Location Map 1-2

2-1 Test Pit Location Map 2-2

3-1 Lateral Extent of Petroleum Contamination 3-3

List of Tables

2-1 Test Pit Log Summary 2-3

EXECUTIVE SUMMARY

This report documents the Supplemental Investigation of Area of Concern 1 (AOC 1) located at the former International Business Machines Corporation (IBM) East Fishkill-West Complex facility located in Hopewell Junction, Dutchess County, New York. The objective of the Supplemental Investigation was to document the investigation activities undertaken to evaluate the area north of B/640 and south of B/630 that contains underground petroleum transfer piping that runs between B/640 and B/600 that has been blank-flanged due to a recurrent leak that resulted in discharge of No. 2 fuel oil.

As part of the investigation program, a total of 22 test pits were excavated to determine the lateral extent of petroleum contamination, with a total of 16 subsurface soil samples collected for analysis. In addition, pneumatic pressure tests were conducted on the underground petroleum pipeline between B/640 and B/600, as well as its containment piping.

As a result of the investigation, petroleum contamination was identified in the vicinity of the utility manhole. The area of contamination appears to extend to the north to B/630, to the east for approximately 40 feet, to the south for approximately 12 feet and to the west for approximately 50 feet. The depth of petroleum contamination was not determined. The source of the contamination appears to be from a leak in the petroleum piping that released approximately 1,000 gallons of No. 2 fuel oil to a containment vault located inside B/640. A small portion of this oil apparently migrated to the utility manhole via the containment pipe for an industrial wastewater line. Since groundwater routinely leaks into the utility manhole, the petroleum contamination migrated from the utility manhole to the surrounding soil.

There was also an area of petroleum contamination detected adjacent to B/640 where the underground pipelines exit the building. The source of this contamination is also assumed to be the secondary containment vault in B/640. The integrity inspections conducted revealed that the seals around the penetrations through the concrete vault wall for the underground piping are not impermeable.

1.0 INTRODUCTION

1.1 Project Objective

As part of the Phase I Environmental Site Assessment conducted of the former International Business Machines Corporation (IBM) East Fishkill – West Complex facility located in Hopewell Junction, New York, the area north of B/640 and south of B/630 containing underground transfer piping that runs between B/640 and B/600 was identified as a potential area of environmental concern and designated as AOC 1. The objective of this report is to describe the investigation activities undertaken to evaluate AOC 1 and to delineate the areal extent of petroleum contamination.

The location of AOC 1 is depicted on Figure 1-1. A description of AOC 1 and associated field investigation activities is provided below.

1.2 Project Background

No. 2 fuel oil was distributed from B/690 to B/640 via an overhead trestle and is then transported via underground piping to B/600. Other utilities, including chilled water, high-temperature hot water, deionized water, drinking water, compressed air and industrial wastewater are similarly transported between the two buildings via piping that runs parallel to the fuel oil piping.

On August 16, 2003, a discharge of approximately 1,000 gallons of No. 2 fuel oil to a containment vault located inside of B/640 was reported to the New York State Department of Environmental Conservation (NYSDEC). The cause of the discharge was determined to be a break in the No. 2 fuel oil piping. The discharged fuel was recovered, valves to the broken pipeline were closed, and the containment area was decontaminated. On October 7, 2003, another discharge of approximately 50 gallons of No. 2 fuel oil to the same location within B/640 was reported to the NYSDEC. The response to this incident included installing blank flanges on the broken pipeline in addition to recovering the discharged fuel oil and decontaminating the containment area.

F:\2384\2384-FIG 1-1.dwg, FIG 1-1, 03/08/06 10:19:27 AM, KRBrowser

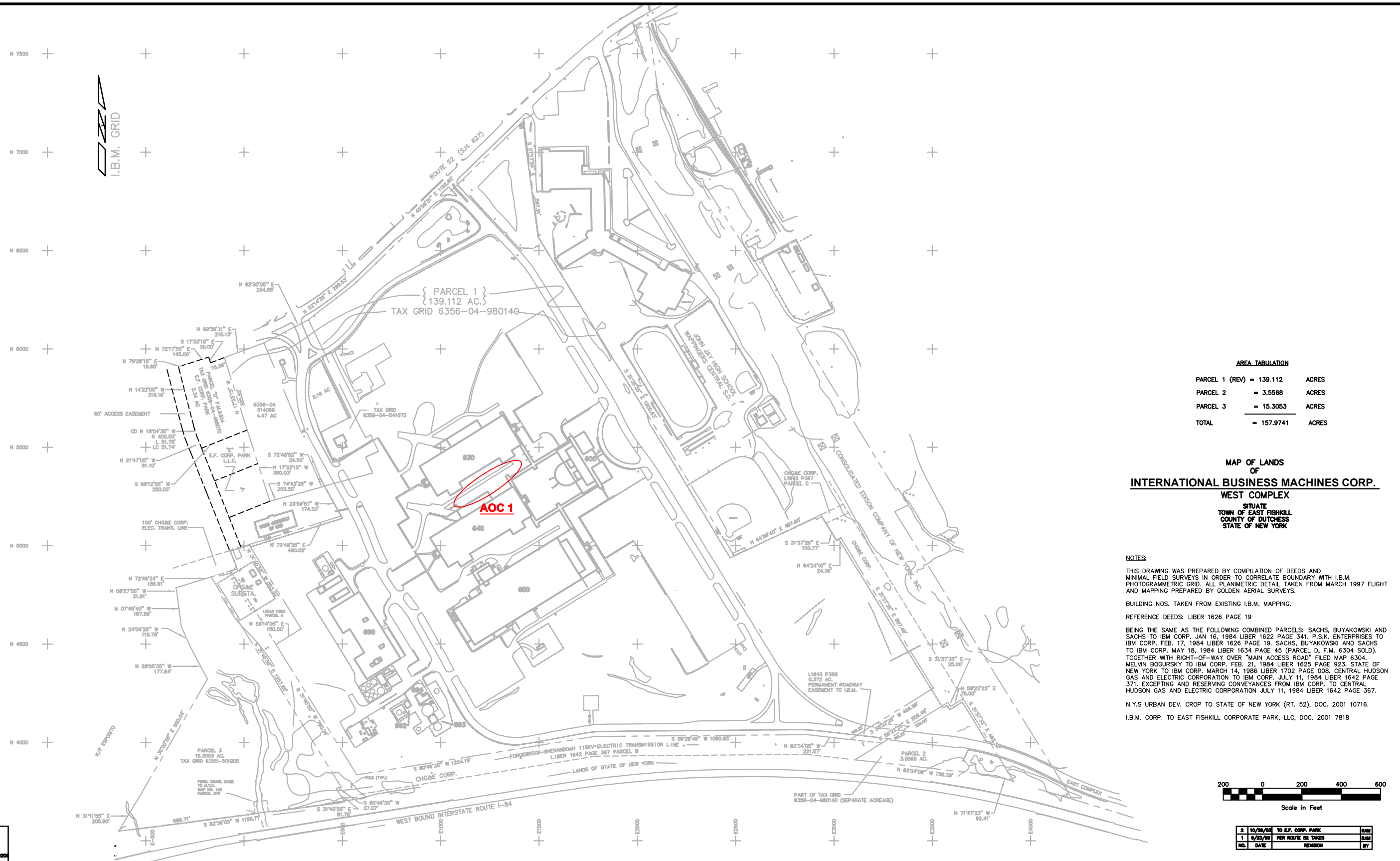
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William F. Cosulich Associates, P.C.
Environmental Engineers and Scientists

INTERNATIONAL BUSINESS MACHINES CORPORATION
EAST FISHKILL, NEW YORK
**SUPPLEMENTAL INVESTIGATION OF AREA OF CONCERN 1
UNDERGROUND PETROLEUM TRANSFER PIPING
LOCATION MAP**

FIGURE 1-1



On December 27, 2003, a discharge of approximately 30 gallons of fuel oil into the utility manhole located along the pipelines that run between B/640 and B/600 was reported to the NYSDEC. The utility manhole was producing a heavy amount of steam that smelled of fuel oil. The response to this discharge involved pumping the oily water out of the utility manhole and reportedly decontaminating the No. 2 fuel oil pipeline and secondary containment. During an inspection on May 20, 2005, the utility manhole was inspected and found to again be partially full of water and to be producing steam that smelled of fuel oil. The manhole was pumped out later that day. On May 24, 2005, the manhole was re-inspected and again smelled of fuel oil, and contained water that appeared to have an oil sheen. The manhole was reportedly again pumped out, and an investigation revealed that a valve located within the manhole associated with the industrial wastewater was leaking. This valve was subsequently repaired. At that time, the oil sheen and fuel oil smell were thought to be caused from residual oil remaining on piping and valves within the manhole.

1.3 Project Scope

To further assess this AOC, as part of this supplemental investigation, an integrity inspection was conducted on the secondary containment vault in B/640 and the utility manhole to assess if fuel oil could have reached the environment from these locations. Pneumatic pressure testing was also conducted on the petroleum piping and the secondary containment for this piping that runs underground between B/640 and B/600. In addition, test pits were excavated both in the vicinity of B/640 where the underground utility piping exits the building and adjacent to the utility manhole. Since petroleum contamination was visibly evident adjacent to the utility manhole, additional test pits were advanced in cardinal and ordinal directions from the utility manhole in order to define the lateral extent of contamination. Soil samples were collected in a number of locations and analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) as listed in the NYSDEC STARS Memo No. 1 Table 2 by United States Environmental Protection Agency (USEPA) Methods 8260/8270, and for fuel fingerprint by USEPA Method 8015.

2.0 FIELD ACTIVITIES

This section provides a description of the field activities conducted as part of the Supplemental Investigation of AOC 1.

2.1 Soil Sampling

The location of test pits excavated at AOC 1 is shown on Figure 2-1 and are summarized in Table 2-1. The information in Table 2-1 includes the test pit designation, the location, the maximum depth of the test pit, a summary of observations, PID readings and the number of soil samples collected. All soil samples collected at AOC 1 were analyzed for STARS Table 2 VOCs and, SVOCs and for fuel fingerprint. Dedicated project field books, provide documentation of the daily field activities conducted at the site during the field program. Logs for each test pit excavated during the field program are provided in Appendix A.

Soil sampling activities at AOC 1 were conducted on November 11, 16 and 30, 2005, and on December 19, 2005. Test pits were excavated at AOC 1 utilizing a diesel-powered excavator. All soil samples collected were geologically characterized, inspected for staining, discoloration or odors, and screened for VOCs utilizing a photoionization detector (PID). While excavating the test pits, a PID was used to monitor VOCs in the workers' breathing zone and at the surface of the test pit. Air monitoring results are documented in the project field books. The PID was calibrated on, at least, a daily basis, using isobutylene gas at a concentration of 100 parts per million in air. Equipment calibration is documented in the project field books.

Samples collected for laboratory analysis were placed in pre-cleaned laboratory-supplied sample jars, which were immediately labeled and placed in an iced cooler for subsequent transport to the laboratory under Chain-of-Custody procedures (see Appendix B). Any excess sample material not required for analysis was returned to the test pit from which it came. Each test pit was restored at grade with the same material originally in place.

F:\2384\2384-FIG 4-1.dwg, 2-1, 03/17/06 11:52:32 AM, KRBrower

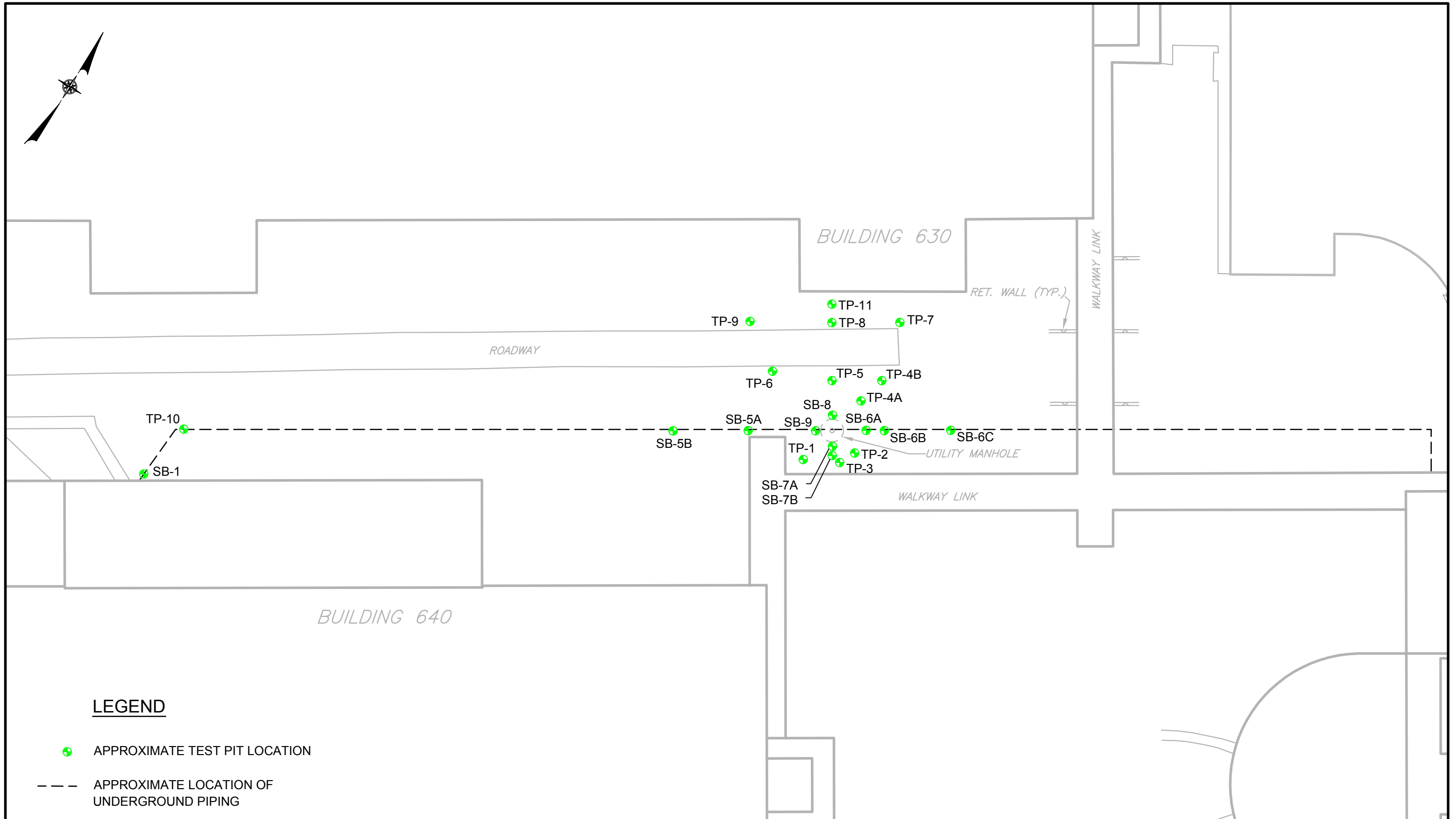


Table 2-1

**INTERNATIONAL BUSINESS MACHINES
EAST FISHKILL FACILITY**

SUPPLEMENTAL INVESTIGATION OF AREA OF CONCERN 1

Test Pit Log Summary

Test Pit Designation	Location	Total Completed Depth	Observations	Elevated PID Readings	Soil Sample Collected
SB-1	5 - 7 feet from east edge of B/640 doorway	7 feet	No evidence of staining or odor	None	SB-1 (5' - 7')
SB-1	Re-excavated in same location	9 feet	Odors present at 6.5 feet	394 ppm at 8 feet	SB-1 (8' - 9')
SB-5A	37 feet west of manhole	11 feet 10 inches	Stained soil and odors present at 10 feet	105 ppm at 9' 561 ppm at 11.5'	No sample collected
SB-5B	70 feet west of manhole	10 feet	No evidence of staining or odor	None	SB-5 (8' - 10')
SB-6A	15 feet east of manhole	8 feet	Visible staining and odor found at 8 feet	45.7 ppm at 7.5'	No sample collected
SB-6B	23 feet east of manhole	11.3 feet	Visible staining at 10 feet	135 ppm at 8.5' 275 ppm at 10' 137 pm at 11'	No sample collected
SB-6C	52 feet east of manhole	10 feet	No evidence of staining or odor	None	SB-6 (8' - 10')
SB-7A	5 feet south of manhole	7.5 feet	Visible staining and odor detected at 4.5 feet	245 ppm at 7.5'	No sample collected
SB-7B	10 feet south of manhole	8 feet	Odor detected from 4.5 - 6 feet	245 ppm at 6'	SB-7 (7' - 8')
SB-8	5 feet north of manhole	6 feet	Odors present at 4 feet, staining and odor increasing with depth	44 ppm at 4.5' 169 ppm at 5.5' 492 ppm at 6'	SB-8 (5' - 5.5')

Table 2-1 (continued)

**INTERNATIONAL BUSINESS MACHINES
EAST FISHKILL FACILITY**

SUPPLEMENTAL INVESTIGATION OF AREA OF CONCERN 1

Test Pit Log Summary

Test Pit Designation	Location	Total Completed Depth	Observations	Elevated PID Readings	Soil Sample Collected
SB-9	6 feet west of manhole	9.5 feet	Visible staining at 7 feet	359 ppm at 7.5'	SB-9 (7.5'-9.5')
TP-1	15 - 18 feet southwest of manhole	9 feet	No evidence of staining or odor	None	TP-1 (8'-9')
TP-2	14 feet southeast of manhole	9.5 feet	No evidence of staining or odor	None	TP-2 (8'-9')
TP-3	14 feet south and 3 feet east of manhole	9.5 feet	No evidence of staining or odor	None	TP-3 (5'-9.5')
TP-4A	18 feet northeast of manhole	7.5 feet	Stained soil at 7.5 feet	68.3 ppm at 7.5'	No sample collected
TP-4B	31 feet northeast of manhole	9.5 feet	Visible staining and odor at 7.5 feet	34.3 ppm at 7.5' 163 ppm at 8' 15.2 ppm at 9.5'	No sample collected
TP-5	22 feet north of manhole	10 feet	Oily Sheen noted on water entering pit, Black oily liquid entering from west corner of pit	160 ppm at 6.5' 138 ppm at 9' 38.7 ppm at 9.5' - 10'	No sample collected
TP-6	37 feet northwest of manhole	9 feet	Slight odor at 6.5 feet	35.7 ppm at 6.5' 57.8 ppm at 7' 0.8 ppm at 8'	TP-6 (8.5'-9.5')
TP-7	30 feet east of TP-8	9 feet	No evidence of staining or odor	None	TP-7 (8'-9')

Table 2-1 (continued)

**INTERNATIONAL BUSINESS MACHINES
EAST FISHKILL FACILITY**

SUPPLEMENTAL INVESTIGATION OF AREA OF CONCERN 1

Test Pit Log Summary

Test Pit Designation	Location	Total Completed Depth	Observations	Elevated PID Readings	Soil Sample Collected
TP-8	3 feet off road to north of manhole	9.5 feet	Staining noted at 7 to 8.5 feet	0.8 ppm at 9.5 feet	TP-8 (8.5'-9.5')
TP-9	36 feet to west of TP-8	8 feet	Wet gravel noted at 7 to 8 feet but no staining or odor	None	TP-9 (7'-8')
TP-10	25 feet northeast of SB-1	11 feet	No evidence of staining or odor	None	TP-10 (10'-11')
TP-11	8 feet north of TP-8	10.5 feet	Staining noted at 7.5 feet to 9.5 feet	540 ppm at 9.5 feet	TP-11 (9.5'-10.5')

All non-dedicated sampling equipment was decontaminated between sample locations. Decontamination procedures consist of:

- External wash with a solution of non-phosphate detergent and potable water;
- Potable water rinse; and
- Distilled/deionized water rinse.

All disposable sampling equipment was properly discarded following its one-time use.

2.2 Integrity Assessment of Petroleum Piping and Secondary Containment

Both the secondary containment vault in B/640 and the utility manhole are designated as confined spaces. Accordingly, inspection of these two areas was conducted in accordance with procedures contained in Confined Space Entry Plans approved by and on file at IBM East Fishkill.

A visual inspection of the secondary containment vault in B/640 was conducted on November 7, 2005 by representatives of William F. Cosulich Associates, P.C. (WFC), and photographs were taken to document the condition of the vault. This inspection revealed little evidence of the past petroleum discharge in this location. It was observed, however, that several pipe penetrations through the wall of the vault were not sealed.

On January 4, 2006, Techtron was contracted to pump out the B/640 utility manhole prior to a pneumatic pressure test of the petroleum pipeline. At this time, water could be heard entering the manhole from an unknown source. Once the water was pumped out of the utility manhole, Westech personnel performed a pneumatic pressure test on the entire 2" oil line from the B/600 mechanical room to the B/640 mechanical room. The pipeline failed to hold pressure. Air could be heard coming from holes in the annular space seal between the carrier and the containment pipe in the B/640 vault.

Westech personnel then entered the B/640 utility manhole and closed the isolation valve between B/640 and B/600. A separate pneumatic pressure test was performed on the petroleum piping between B/600 and the utility manhole. The petroleum pipeline held 20 lbs. of air pressure for over 20 minutes indicating that the leak was in the petroleum piping between B/640 and the utility manhole. Leak test logs for these activities are provided in Appendix C.

On January 5, 2006, a representative of Techtron entered the utility manhole to photograph all pipe penetrations entering and leaving the manhole. At this time, a substantial flow of water (approximately 0.5 gallon per minute) was observed entering the manhole between the sleeve for the industrial wastewater line penetration and the secondary containment pipe. Apparently, the material used to seal the annular space had been compromised, allowing groundwater to enter the manhole. The penetrations for the high temperature hot water, chilled water, compressed air and petroleum line appeared to be sound. However, there was also a small drip of water from an electrical conduit penetration.

On this date, IBM personnel also entered the B/640 vault to verify if there was a seal between the carrier or secondary containment pipe sleeves and the poured wall foundation of the building. In almost every case, a steel rod could be pushed from the inside of the vault into the soil on the outside of the building.

In order to be able to pressurize the secondary containment pipe to determine if there is a leak between the B/640 vault and the utility manhole, on January 6, 2006, Techtron personnel applied several coats of epoxy filler to the leaking seal on the interstitial space between the primary oil line and the containment pipe in the B/640 vault. On January 10, 2006, Westech personnel conducted a low pressure test on the containment pipe. The containment pipe held 9 psig for 20 minutes; however, by the following morning all pressure had leaked out. Additional pressure tests of the containment pipe were conducted on January 20 and 23, 2006. These tests were also unsuccessful.

At this time, it was observed that the containment pipes for the high temperature water, chilled water and petroleum pipeline were connected to a common drain assembly in the utility

manhole. As a result, the effectiveness of the seal during the pneumatic test on the containment pipe was compromised.

On February 2, 2006, Techtron personnel entered the B/640 vault and filled the interstitial space between the primary oil line and the containment pipe with water to a pressure of approximately 40 psi. Techtron personnel then entered the utility manhole to inspect for leaks. No water was observed to be leaking into the utility manhole although liquid could be heard passing through the check valves on the containment pipe drain assemblies.

After the water was drained from the containment pipe and drain assembly, Techtron personnel filled the B/640 vault with several thousand gallons of domestic water to the level of the oil stains on the wall of the vault. Techtron personnel observed that the water level in the vault was falling at a rate of approximately 1 inch per hour. Techtron personnel then entered the utility manhole and observed water flowing into the manhole from the interstitial space between the containment and primary pipe of the industrial wastewater transfer line. This indicated that water from the B/640 vault was entering the utility manhole through the industrial wastewater containment pipe. It should be noted that the containment pipe for the industrial wastewater line is not visible within the B/640 vault. The line appears to exit the building foundation as a single-walled line but enters the utility manhole as a double-walled line.

On February 24, 2006, a representative of Westech entered the utility manhole, cut and capped the 3/4-in drain line on the secondary containment for the oil pipeline in order to isolate it from the other drain lines and check valve assembly. After it was capped, a pressure test was conducted on the containment pipe. This pressure test was unsuccessful indicating that a leak still existed somewhere in the containment pipe system.

3.0 FINDINGS

This section presents the findings of the Supplemental Investigation of AOC 1, including a summary of field observations and the analytical results of the soil samples obtained during the field program. Soil sample results are generally compared to the Recommended Soil Cleanup Objectives presented in Appendix A of the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) No. 4046 (referred to in this document as “TAGM 4046 Recommended Soil Cleanup Objectives”), as well as the typical Eastern USA Background concentration ranges included in TAGM 4046 (referred to in this document as “Eastern USA Background Levels”).

At AOC 1, a total of 22 test pits were excavated to determine the lateral extent of petroleum contamination with a total of 16 subsurface soil samples collected for laboratory analysis.

Discussion of the field observations and analytical results obtained from the soil sampling program is provided in the section that follows.

3.1 Discussion of Field Observations and Analytical Results

Field Observations

As indicated in Table 2-1, visible petroleum contamination was observed during the excavation of 14 of the test pits located in the vicinity of the utility manhole. Test pits were advanced in cardinal and ordinal directions away from the utility manhole in order to delineate the lateral extent of petroleum contamination. Delineation of the petroleum contamination appears to have been achieved to the west, south and east of the utility manhole, since visible contamination was not encountered in test pits SB-5B, TP-1, TP-2, TP-3, and SB-6C. Petroleum contamination was encountered in test pits advanced to the northeast, north and northwest of the utility manhole up to the roadway that runs between B/640 and B/630. Evidence of petroleum contamination was also encountered in test pits TP-8 and TP-11 advanced on the far side of the roadway to the north of the utility manhole, but none was encountered in test pits TP-7 and TP-9

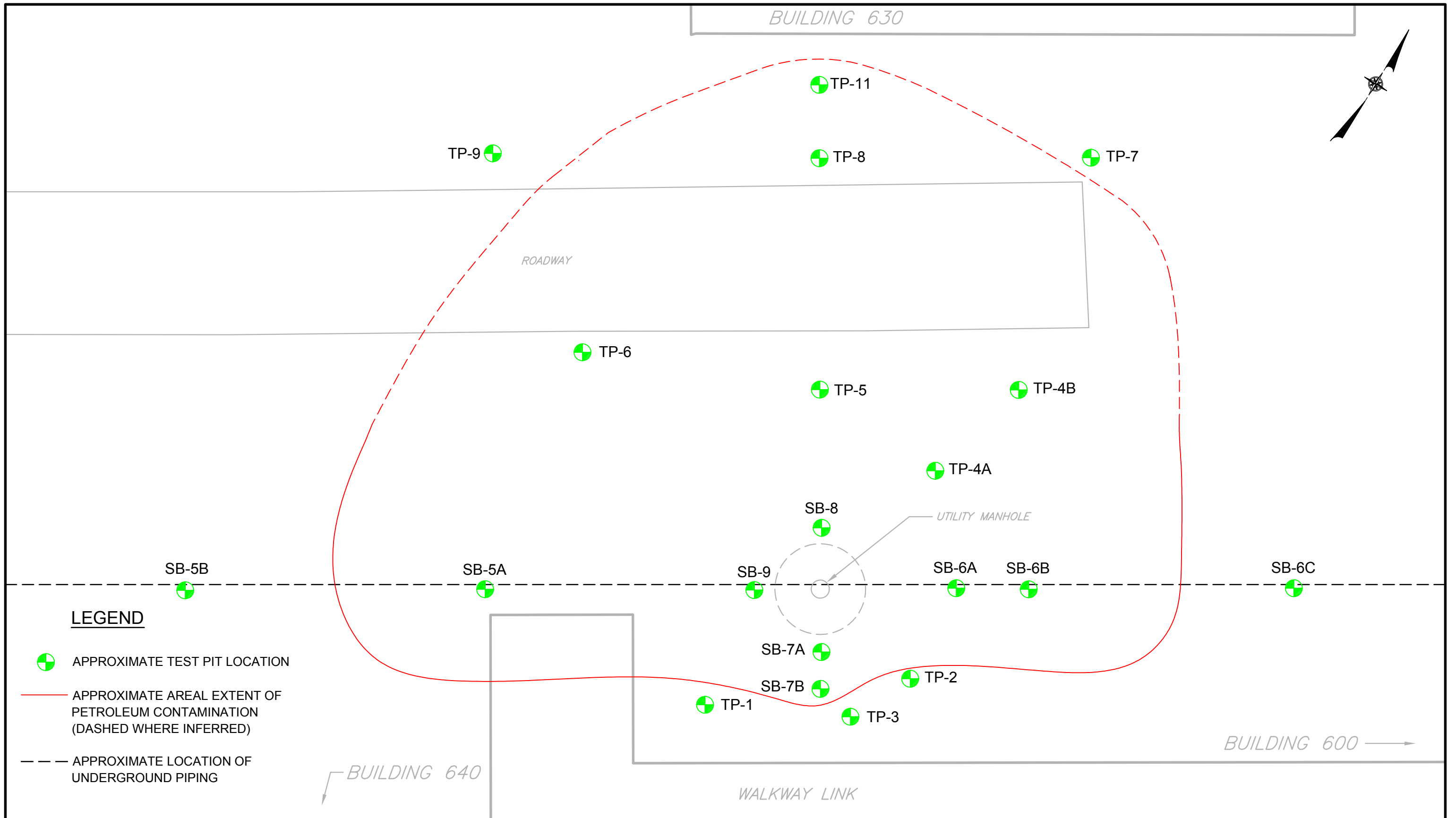
located across the roadway to the northeast and northwest, respectively. The extent of the lateral petroleum contamination is depicted on Figure 3-1. The depth of the petroleum contamination was not evaluated as part of this investigation.

As indicated in Table 2-1, visible petroleum contamination was not encountered on November 16, 2005, at test pit SB-1, which is located adjacent to B/640, where the underground utility piping exits the building. Due to operational constraints, a total depth of only 7 feet was achieved at this test pit location, while the invert elevation of the containment vault inside B/640 is approximately 8 feet deep. This test pit was re-excavated on December 19, 2005, and a hand auger was utilized to collect a soil sample below the piping. At this time, evidence of petroleum contamination was encountered below the piping at a depth of 9.5 feet.

Analytical Results

A total 16 soil samples were collected from 22 test pits excavated in the soil surrounding the utility manhole and at B/640, where underground petroleum piping exits the building. The soil samples were analyzed for STARS Table 2 VOCs and SVOCs, and a fuel fingerprint was performed. The laboratory results of these sample analyses are presented in Table D-1 provided in Appendix D. As shown on the tables, all of the compounds analyzed for were either not detected or were detected at concentrations less than the TAGM 4046 Recommended Soil Cleanup Objectives (RSCOs), with one exception; total xylene was detected in the sample collected at SB-9 at 4,300 ug/kg, which exceeds the NYSDEC RSCO of 1,200 ug/kg. The fuel fingerprint results showed that no petroleum products were detected in SB-5, SB-6, SB-7 or TP-1 through TP-11. Total petroleum hydrocarbons (TPH) detected in SB-1 (5'-7') was 19 mg/kg, which was insufficient to identify the petroleum product; however, TPH detected in SB-1 (8'-9') was 5,600 mg/kg and the product was identified as diesel fuel. TPH detected in the soil sample collected at SB-8 was 130 mg/kg and the product was identified as relatively lightweight petroleum product such as kerosene or jet fuel. TPH detected in the soil sample SB-9 was 9,300 mg/kg, and the product was identified as diesel fuel.

F:\2384\2384-FIG 4-1.dwg, 3-1, 03/17/06 11:54:20 AM, KRBrower



William F. Cosulich Associates, P.C.
Environmental Engineers and Scientists

INTERNATIONAL BUSINESS MACHINES CORPORATION
EAST FISHKILL, NEW YORK
SUPPLEMENTAL INVESTIGATION OF AREA OF CONCERN 1
UNDERGROUND PETROLEUM TRANSFER PIPING
LATERAL EXTENT OF PETROLEUM CONTAMINATION

0 10
SCALE IN FEET

FIGURE 3-1

3.2 Data Validation

Soil sampling activities were conducted on November 11, 16 and 30, 2005 and on December 19, 2005. The samples collected were analyzed for STARS Table 2 VOCs and, SVOCs and for fuel fingerprint. The sample analyses were performed by Mitkem Corporation, a New York State Environmental Laboratory Approval (ELAP) certified laboratory.

All quality control data (i.e., surrogates, spikes, blanks, calibrations, etc.) was reviewed, along with 20% of the environmental sample data, yielding a “20% validation.” The validation process was performed in accordance with the NYSDEC Quality Assurance/Quality Control (QA/QC) requirements. The findings of the validation process are described below.

- Mitkem analyzed all samples in accordance with USEPA SW846 methods and within method-specified holding times.
- All QA/QC requirements (i.e., tunes, calibrations, surrogate recoveries, matrix spike recoveries and duplicated recoveries, blanks, etc.) were met.
- The fuel fingerprint analysis had TPH reported for sample SB-1 (5-7) at a concentration of 19 mg/kg, which was qualified with a “B.” The “B” qualifier indicates that there was TPH also detected in the method blank associated with the sample; therefore, the presence of TPH is most likely due to laboratory contamination and not attributable to the site.

No problems were found with the sample results and all data is deemed valid and usable for environmental assessment purposes.

4.0 CONCLUSIONS

During the supplemental investigation, visible petroleum contamination was encountered in the subsurface soil at a number of test pit locations in the vicinity of the utility manhole. The area of contamination is assumed to extend to the north to B/630, to the east for approximately 40 feet, to the south for approximately 12 feet and to the west for approximately 50 feet. The depth of petroleum contamination was not determined as part of this investigation. The source of the contamination appears to be from a leak in the petroleum piping that released approximately 1,000 gallons of No. 2 fuel oil to a containment vault located inside B/640. A small portion of this oil apparently migrated to the utility manhole via the containment pipe for an industrial wastewater line. Water is leaking into and out of the manhole, resulting in a dispersion of the petroleum contamination in the area surrounding the utility manhole.

There was also an area of petroleum contamination detected adjacent to B/640 where the underground pipelines exit the building. The source of this contamination is also assumed to be the secondary containment vault in B/640. The integrity inspections conducted revealed that the seals around the penetrations through the concrete vault wall for the underground piping are not impermeable.

Analytical results of soil samples collected during the field program confirmed the presence of contamination at the following locations:

- Xylene was detected in the sample collected at SB-9 (7.5'–9.5') at 4,300 ug/kg.
- Total petroleum hydrocarbons were detected in SB-1 (5'–7') at 19 mg/kg, SB-1 (8'–9') at 5,600 mg/kg, SB-8 (5'–5.5') at 130 mg/kg and SB-9 (7.5'–9.5') at 9,300 mg/kg.

APPENDIX A

TEST PIT LOGS



DVIRKA
AND
BARTILUCCI

TEST PIT LOCATION SKETCH MAP

N

TEST PIT LOG

TEST PIT NO.
SB-1

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/11/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: approx 5-7' from east edge of building at doorway

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0				
1		0.0	brown silt and fine sand with some clay and fine angular gravel	
2				
3		0.0		
4				
5				
6	5-7'	0.0	~4' gray f-m gravel with little f-m sand (pipe bedding)	Three pipes exposed at 4.5'
7				0.1 line believed to be located west of the pipes exposed below electric line just below surface
8				
9				
10				
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. SB-1B

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Eastern Env. Randy

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

12/19/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0				
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Same as SB-1A
to 6.5'

394 @
8'

- 6.5' gray silty clay
w/ some f-m angular gravel

- 9.5 refusal

TEST PIT LOG

TEST PIT NO. **5B-SA**

PROJECT NO./NAME

IBM - East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/16/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: approx 37' west of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			6" Topsoil	
1			br. clayey silt with some f.m. angular gravel	
2			1.5' br. clayey silt with some f.m. angular gravel	
3				
4				
5		0.0		
6				
7				
8				
9		10.5' @ 9'	8.5' gray f.m. gravel (pipe bedding)	soil very warm
10				lots of steam -
11			10.5' br./clayey silt with some f.m. ang. gravel	stained soil/odors present
12		56.1 @ 11.5'	11'10" FOB	
13				
14				
15				

TEST PIT LOG

TEST PIT NO. SB-SB

PROJECT NO./NAME

IBM-East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/16/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: Approx. 70' west of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0				
1				
2			Same as SB-SA	
3				
4		O.O		
5				
6				
7				
8			7' gray fm gravel (pipe bedding)	
9	8-10'			No odors or staining
10			9.5'	
11			br. clayey silt with some f-m gravel	
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. SB-6A

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/16/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: ~15' east of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			- 6" br. silt with some f-m angular gravel	
2			- 2' brown clayey silt with some f-m angular gravel	
3		0.0		
4				
5				
6				
7				
8		45.7	- 8'	Contamination found at 8'
9				move test pit further east
10				
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. **SB-6B**

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/16/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: 23' east of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			- 6" br. silt with some f-m angular gravel	Soil appears clean down to 8.5-9 feet.
2			- 2' brown clayey silt with some f-m angular gravel	
3				
4				
5		0.0		
6				
7				
8				
9			- 8.5' gray f-m gravel with little f-m sand (pipe bedding)	
10	135			
11	275		- 10' SAA, saturated	Pipes located at approx 9'
12	137'		- 11" ← visible staining	
13			- 11.3' EOB End of fill mat.	
14				
15				

TEST PIT LOG

TEST PIT NO. SB-6C	
PROJECT NO./NAME I BM East Fishkill	LOCATION West Complex
EXCAVATOR/EQUIPMENT/OPERATOR Randy Little - Eastern Env.	
INSPECTOR/OFFICE Chris Morris	START/FINISH DATE 11/16/05
ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT (FT. ABOVE MSL)	CONDITION OF PIT
REMARKS: Location : approx. 52' east of manhole center	

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			6" br. silt with some f-m angular gravel	
2			2' brown clayey silt with some f-m angular gravel	
3				
4				
5				
6				
7			7' gray f-m gravel w/ little fin sand (pipe bedding)	
8				
9	8-10'	0.0	9.5 br. clayey silt with f-m gravel	Wet at 9'
10				No visible contamination
11		0.0		
12			10' EOB	
13				
14				
15				

TEST PIT LOG

TEST PIT NO. SB-7A

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/16

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location : Approx 5' south of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			6" br. silt with some f.m. angular gravel, little f. sand	
2			2' brown clayey silt with some f.m. angular gravel	
3		0.0		
4				
5			4.5' gray silt clay with some f.m. angular gravel	
6				contamination and odor detected
7				
8		245'	7.5' refusal	
9				
10				
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO.
SB-7B

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/16/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: approx 10' south of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			6" br. silt with some f-m angular gravel	
2			2' brown silty clay with some f-m angular gravel	
3				
4				
5			4.5' gray silty clay with some f-m angular gravel	
6		245 @ 6'		contamination noted from 4.5' to 6'
7	7-8'		7' br. silty clay with some f-m angular gravel	
8			8' End of pit	
9				
10				
11				
12				
13				
14				
15				



TEST PIT LOG

TEST PIT NO.
SB-8

PROJECT NO./NAME

I B M East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/11/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS: Location: approx. 5' North of edge of manhole cover

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1		0.0	6" brown silt with some f.m. angular gravel, little f.m. sand	
2			2' brown clayey silt with some f.m. angular gravel	
3		0.0		
4		44	4.5' gray clayey silt with some fine gravel	odors present
5	5-5.5'			soil warm, moist
6		169@	6' bottom of excavation	Pest hole digger used to dig to 6 feet.
7		5.5'		contamination level increasing with depth
8		492@		
9		6'		
10				
11				
12				
13				
14				
15				



DVIRKA
AND
BARTILUCCI

TEST PIT LOCATION SKETCH MAP

N

TEST PIT LOG

TEST PIT NO.
SB-9

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/11/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: approx. 6' from edge of manhole (west)

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			6" br. silt with some f-m angular gravel, little f. sand	
2			2' br. clayey silt with some f-m angular gravel	
3				
4				
5			~5' gray clayey silt with some f-m angular gravel	
6				
7			6.5' gray f-m gravel with little f-m sand	Pipe located at ~7'
8	7.5-9.5'	359		Soil warm visible staining
9				
10			9.5'	soil wet
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. TP-1

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: Approx 15-18' sw of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			-6" Topsoil	
1				
2			-2' br. silt with some f-m angular gravel	
3		0.0		
4				
5				
6		0.0	-5.5' Gravel bed approx 4" thick -6' br. silty clay - organic odor very firm layer	Trapped water running through and out of exposed gravel
7				
8	8-9'		-7' br. clayey silt with some f-m angular gravel very firm, tight	
9		0.0		
10			-9' FOB	No evidence of contamination
11				
12				
13				
14				
15				



DVIRKA
AND
BARTILUCCI

TEST PIT LOCATION SKETCH MAP

N

TEST PIT LOG

TEST PIT NO. TP-2

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: approx. 14' SE of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			6" br. silt with f-m angular gravel	
2		0.0	2'	
3				
4				
5		0.0	br. clayey silt with some f. angular gravel	No evidence of contamination
6				
7				
8	8-9			
9				
10			9.5' EOB	
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. TP-3

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little

Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: 14' south & approx 3' east of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			6" Topsoil	
1			br. silt with some f-m angular gravel	
2		0.0	2'	
3			brown clayey silt w/ f-m angular gravel	
4				
5				
6				
7		0.0		
8	8.5-9.5			
9		0.0	9' br. f-c sand w/ tr. silt	wet at 9'
10			9.5	
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. TP-4A

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: 18' NE of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			6" br silt w/ some f-m angular gravel	
2			2' brown clayey silt with some f. gravel	
3				
4				
5				
6				
7				
8		68.3 @ 7.5'	7.5' gray clay silt with some f. gravel	Contamination found stained soil
9				
10				
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. TP-4B

PROJECT NO./NAME

IBM - East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: Approx. 31' NE of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			6" Topsoil	
1			Coarse gravel (road bedding)	
2			and br. silt w/ little f. sand	
3			~3'	
4			br. clayey silt with	
5			some f-m gravel	
6				
7				
8	34.3		- 7.5'	
9	16.3		gray f-c sand and	
10			m-c gravel w/ little silt	
11			- 8' br. clayey silt w/ some	
12			f-m gravel	
13	15.2		- 9.5' EOB	
14				
15				

Contamination found
at 7.5 feet
sand/gravel layer
only visible on north
side of excavation

TEST PIT LOG

TEST PIT NO. TP-5

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little - Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: Approx 22' N of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			Topsoil	
1			- 6" Coarse gravel (sand bedding) and br. silt w/ little f. sand	
2				
3			- 23' br. clayey silt with some f-m gravel	
4				
5				
6			- 6' Br/gy. clayey silt w/some f-m gravel	
7	160 @ 6.5'			wet at 7'
8				several f-c gravel layers mixed w/ clayey silt layer
9	138 @ 9'			water entering pit through gravel layers
10	38.7' @ 9.5-10'		- 10' EOB	only sheen noted
11				Black oily liquid entering from west corner of pit
12				
13				
14				
15				



DVIRKA
AND
BARTILUCCI

TEST PIT LOCATION SKETCH MAP

N

TEST PIT LOG

TEST PIT NO. TP-6

PROJECT NO./NAME

IBM - East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Randy Little Eastern Env.

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

11/30/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

Location: Approx. 37' NW of manhole center

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			6" Topsoil	
1			Coarse gravel, (road bedding)	
2			and br. silt w/ little f. sand	
3			~3'	
4			br. clayey silt with	
5			Some f-m gravel	
6				
7			6.5'	
8		35.7 @ 6.5'	br./gy. clayey silt with	
9	8-9'		Some f-m gravel	
10		57.8 @ 7-7.5'	gray clayey silt and f-m gravel	
11			8' br. clayey silt with	
12		0.8 @ 8'	Some f. gravel	
13			9' EOB	
14				
15				

Slight odor
elevated PID
readings.

TEST PIT LOG

TEST PIT NO.
TP-7

PROJECT NO./NAME

IBM East Fiskill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Eastern Env. Randy

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

12/19/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			- Topsoil 0-1'	
1			- (1-2') br. f-m silty sand	
2			w/ f-c gravel	
3			- (2-7') lt. brown. clayey silt	
4			w/ some f-m ang. gravel	
5		0.0		
6				
7				
8	8-9'		- (7-10') same as above w/	
9		0.0	larger pieces of rock	
10			(~1" diam.)	
11			- Refusal	
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. TP-8

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Eastern Env. - Randy

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

12/19/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			(0-4") gravel bedding (~#1")	
1			(4"-10") topsoil	
2			(10"-2') br. silt and clay w/ some f. gravel	
3			(2'-7') lt. brown clayey silt w/ some f-m ang. gravel	
4		0.0		
5				
6				
7		35.4 @ 7-8.5'	(7'-8.5') gray clayey silt and f-m ang. gravel wet	
8		0.8 @ 8.5-9.5'	(8.5'-9.5')	
9	Sample 8.5-9.5'		Same as 2'-7' interval	
10			FOR	
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. 1p-9

PROJECT NO./NAME

IBM - East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Eastern Env. - Randy

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

12/19/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			(0-6") topsoil	
1			(6"-7") lt. brown clayey silt w/ some f-m ang. gravel	
2				
3				
4		0.0		
5				
6				
7				
8	7-8'	0.0	(7-8') lt. brown clayey silt and f-m ang. gravel, wet	
9	Sample		(8-9.5') lt. brown clayey silt w/ some f-m ang. gravel - dry	
10				
11				
12				
13				
14				
15				

TEST PIT LOG

TEST PIT NO. TP-10

PROJECT NO./NAME

IBM East Fishkill

LOCATION

West Complex

EXCAVATOR/EQUIPMENT/OPERATOR

Eastern Env. - Randy

INSPECTOR/OFFICE

Chris Morris

START/FINISH DATE

12/19/05

ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT
(FT. ABOVE MSL)

CONDITION OF PIT

REMARKS:

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			(0-6") Topsoil	
1			(6"-6') lt. brown clayey silt w/ some f-m ang. gravel	
2				
3				
4				
5		0.0		
6				
7			(6'-8.5') gravel bedding for pipes	
8				
9				
10	sample 10-11'	0.0	(8.5'-11.5') brown silty clay w/ little f-m ang. gravel	
11				
12			11.5' FOB	
13				
14				
15				

Two pipes exposed
at ~6.5' (white PVC
& black poly?). ~10" dia.

TEST PIT LOG

TEST PIT NO. <u>TP-11</u>	
PROJECT NO./NAME <u>IBM East Fishkill</u>	LOCATION <u>West Complex</u>
EXCAVATOR/EQUIPMENT/OPERATOR <u>Eastern Env. Randy</u>	
INSPECTOR/OFFICE <u>Chris Morris</u>	START/FINISH DATE <u>12/19/05</u>
ELEVATION OF: GROUND SURFACE/BOTTOM OF PIT (FT. ABOVE MSL)	CONDITION OF PIT
REMARKS:	

DEPTH	SAMPLE INTERVAL	OVA SCREEN	DESCRIPTION OF MATERIALS	REMARKS
0			(0-4") gravel bedding (~1" dia.)	
1			(4"-10") topsoil	
2		0.0	(10"-2') brown silt and clay w/ some f. gravel	
3			(2-7.5') lt. brown clayey silt w/ some f-m ang. gravel	
4				
5				
6		0.0		
7			(7.5-9.5')	
8		20.5 @ 7.5'	gray clayey silt and f-m ang. gravel, wet	
9		45.9 @ 9'	(9.5-10.5') brown clayey silt w/ some f-m ang. gravel - dry	
10	sample 9.5-10.5'	0.0 @ 10'	EOB	
11				
12				
13				
14				
15				

APPENDIX B

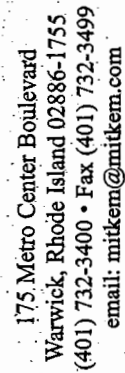
CHAIN-OF-CUSTODY FORMS

175 Metro Center Boulevard
Warwick, Rhode Island 02886-1755
(401) 732-3400 • Fax (401) 732-3499
email: mitkem@mitkem.com



CHAIN-OF-CUSTODY RECORD

COMPANY <u>Orka & Bartucci</u>		PHONE <u>516 364 9880</u>		LAB PROJECT #						
NAME <u>Ellen Deorsay</u>		FAX <u>364 9045</u>		NAME						
ADDRESS <u>330 Crossways Park Drive</u>				ADDRESS						
CITY/ST/ZIP				CITY/ST/ZIP						
CLIENT PROJECT NAME: <u>IBM East Fishkill</u>		CLIENT PROJECT #: <u>2381</u>		CLIENT PO #						
SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES	COMMENTS
SB-10 (4-6)	11/10/05 0935	X	X		X			3	SOIL, WATER, FUEL, FINGERPRINTS	
SB-11 (4-6)	10950	X	X		X			3		
SB-10 (6-8)	11005	X	X		X			3		
SB-11 (6-8)	11015	X	X		X			3		
SB-11 (4-6) MS	10950	X	X		X			3		
SB-11 (4-6) MS	10950	X	X		X			3		
SB-23 (4-6)	11100	X	X		X			3		
SB-22 (4-6)	11110	X	X		X			3		
SB-22 (6-8)	11130	X	X		X			3		
SB-23 (6-8)	11200	X	X		X			3		
SB-8 (5-5.5)	11/10/05 1230	X	X		X			2		
SB-9 (7.5-9.5)	11/14/05 1430	X	X		X			2		
RELINQUISHED BY <u>Ellen Deorsay</u>		DATE/TIME		ACCEPTED BY		DATE/TIME		ADDITIONAL REMARKS:		COOLER TEMP:
		11/10/05 1800								
		1								
		1								



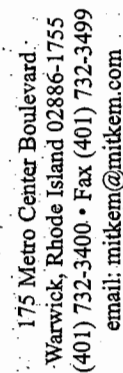
CHAIN-OF-CUSTODY RECORD

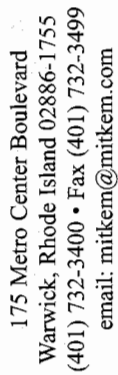
[illegible]

WHITE: LABORATORY COPY

YELLOW: REPORT COPY

PINK: CLIENT'S COPY





CHAIN-OF-CUSTODY RECORD

[illegible]

APPENDIX C

LEAK TEST LOGS

Westech International, Inc.

A PPL Company

GENERAL, MECHANICAL, SHEET METAL, ULTRA HIGH PURITY AND ANALYTICAL CONTRACTORS

1 Chips Lane

Fishkill, NY 12524

Phone: (845)-896-1145

Fax: (845)-896-1289

W.O. NO. _____

SHEET _____ OF _____
IBM PROJECT NO. _____**HYDROSTATIC OR PNEUMATIC LEAK TEST**SYSTEM OIL LINE (CARRIER)JOB NO. 3894DESIGN REFERENCE DATALINE SPEC. _____ TEST PRESS. 20 PSIG DESIGN PRESS. _____ PSIGTEST FLUID AIR TEST TEMP. 72 F CODE _____TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW
BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP
CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIPMENT, OR
PRESSURIZED TANKS, DESCRIBE BELOW:FUEL OIL CARRIER FROM 640 BUILDING TO
MANHOLE # 7016

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD PNEUMATICTEST DATAACTUAL PRESS. 20 PSIG PRESS. DROP 20 PSI TIME AT PRESS. 0

ACTUAL FLUID TEMP. _____ F METAL TEMP.(If Applicable) MIN _____ F MAX _____ F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF
LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.PRESSURE WOULD NOT BUILD - NO VISIBLE LEAKS
AT 640 OR MANHOLE # 7016DATE STARTED 1-04-06DATE COMPLETED 1-04-06PERFORMED BY BILL TAYLORWITNESSED BY ED MURPHY

SUBMITTED (FOREMAN):

RECEIVED:

Westech International, Inc.

A PPI Company

~~GENERAL MECHANICAL SHEET METAL ULTRA HIGH PURITY AND ANALYTICAL CONTRACTORS~~1 Chips Lane
Fishkill, NY 12524

Phone: (845)-896-1145

Fax: (845)-896-1289

W.O. NO. _____

SHEET _____ OF _____
IBM PROJECT NO. _____**HYDROSTATIC OR PNEUMATIC LEAK TEST**SYSTEM OIL LINE (CARRIER)JOB NO. 3894DESIGN REFERENCE DATALINE SPEC. _____ TEST PRESS. 20 PSIG DESIGN PRESS. _____ PSIGTEST FLUID AIR TEST TEMP. 72 F CODE _____TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW
BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP
CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIPMENT, OR
PRESSURIZED TANKS, DESCRIBE BELOW:FUEL OIL CARRIER LINE FROM THE 600 BUILDING DAY
TANK TO MANHOLE # 7016

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD PNEUMATIC*****
TEST DATAACTUAL PRESS. 20 PSIG PRESS. DROP 0 PSI TIME AT PRESS. 2 HRS.

ACTUAL FLUID TEMP. _____ F METAL TEMP.(If Applicable) MIN _____ F MAX _____ F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF
LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.DATE STARTED 1-4-06DATE COMPLETED 1-04-06PERFORMED BY BILL TAYLORWITNESSED BY ED MURPHY

SUBMITTED (FOREMAN):

RECEIVED:

Westech International, Inc.

A PPL Company

GENERAL, MECHANICAL, SHEET METAL, ULTRA HIGH PURITY AND ANALYTICAL CONTRACTORS1 Chips Lane
Fishkill, NY 12524

Phone: (845)-896-1145

Fax: (845)-896-1289

W.O. NO. _____

SHEET _____ OF _____
IBM PROJECT NO. _____**HYDROSTATIC OR PNEUMATIC LEAK TEST**SYSTEM GIL CONTAINMENTJOB NO. 3894**DESIGN REFERENCE DATA**LINE SPEC. _____ TEST PRESS. 9 PSIG DESIGN PRESS. _____ PSIGTEST FLUID AIR TEST TEMP. 72 F CODE _____TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW
BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP
CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIPMENT, OR
PRESSURIZED TANKS, DESCRIBE BELOW:FUEL OIL CONTAINMENT FROM 640 BUILDING TO
MANHOLE # 7016

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD PNEUMATIC**TEST DATA**ACTUAL PRESS. 9 PSIG PRESS. DROP 0 PSI TIME AT PRESS. 20 min.

ACTUAL FLUID TEMP. _____ F METAL TEMP.(If Applicable) MIN _____ F MAX _____ F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF
LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.DATE STARTED 1-10-06DATE COMPLETED 1-10-06PERFORMED BY BILL TAYLORWITNESSED BY ED MURPHY

SUBMITTED (FOREMAN):

RECEIVED:

Westech International, Inc.

A PPL Company

~~GENERAL MECHANICAL SHEET METAL ULTRA HIGH PURITY AND ANALYTICAL CONTRACTORS~~

1 Chips Lane

Fishkill, NY 12524

Phone: (845)-896-1145

Fax: (845)-896-1289

W.O. NO. _____

SHEET _____ OF _____
IBM PROJECT NO. _____**HYDROSTATIC OR PNEUMATIC LEAK TEST**SYSTEM Fuel oil containment lineJOB NO. 3894BIDb 640 to manhole**DESIGN REFERENCE DATA**

LINE SPEC. _____ TEST PRESS. _____ PSIG DESIGN PRESS. _____ PSIG

TEST FLUID Air TEST TEMP. 72° F CODE _____

TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIPMENT, OR PRESSURIZED TANKS, DESCRIBE BELOW:

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD Air*****
TEST DATA 8 2 10:00ACTUAL PRESS. 6 PSIG PRESS. DROP 2 PSI TIME AT PRESS. 10:00

ACTUAL FLUID TEMP. _____ F METAL TEMP.(If Applicable) MIN _____ F MAX _____ F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.

Checked continuity box on top of containment pipe in
640. Found no leaks. checked bondo patch seemed to hold

DATE STARTED 1-20-06DATE COMPLETED 1-20-06PERFORMED BY Westech

WITNESSED BY _____

SUBMITTED (

FOREMAN): Will Taylor RECEIVED:

Westech International, Inc.

A PPL Company

~~GENERAL MECHANICAL SHEET METAL ULTRA HIGH PURITY AND ANALYTICAL CONTRACTORS~~

1 Chips Lane

Fishkill, NY 12524

Phone: (845)-896-1145

Fax: (845)-896-1289

W.O. NO. _____

SHEET 1 OF 1
IBM PROJECT NO. _____**HYDROSTATIC OR PNEUMATIC LEAK TEST**SYSTEM Fuel oil containment line
640 to manholeJOB NO. 3894**DESIGN REFERENCE DATA**

LINE SPEC. _____ TEST PRESS. _____ PSIG DESIGN PRESS. _____ PSIG

TEST FLUID Air TEST TEMP. 72° F CODE _____TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW
BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP
CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIPMENT, OR
PRESSURIZED TANKS, DESCRIBE BELOW:

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD Air**TEST DATA**ACTUAL PRESS. 8 PSIG PRESS. DROP 2 PSI TIME AT PRESS. 10.00

ACTUAL FLUID TEMP. _____ F METAL TEMP. (If Applicable) MIN _____ F MAX _____ F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF
LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.Found leaks on Bando patch on containment in 640
that we didn't see on 1-20-06DATE STARTED 1-23-06DATE COMPLETED 1-23-06

PERFORMED BY _____

WITNESSED BY _____

SUBMITTED (

FOREMAN): Will Tapp RECEIVED:

Westech International, Inc.

A PPL Company

**GENERAL MECHANICAL SHEET METAL ULTRA HIGH PURITY AND ANALYTICAL CONTRACTORS**

1 Chips Lane

Fishkill, NY 12524

Phone: (845)-896-1145

Fax: (845)-896-1289

W.O. NO. _____

SHEET _____ OF _____
IBM PROJECT NO. _____**HYDROSTATIC OR PNEUMATIC LEAK TEST**SYSTEM Fuel oil containment line
BIDG 640 to Manhole
DESIGN REFERENCE DATA

JOB NO. _____

LINE SPEC. _____ TEST PRESS. _____ PSIG DESIGN PRESS. _____ PSIG

TEST FLUID Air TEST TEMP. 72° F CODE _____TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW
BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP
CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIPMENT, OR
PRESSURIZED TANKS, DESCRIBE BELOW:

_____SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

_____LEAK DETECTION METHOD Air _____**TEST DATA**ACTUAL PRESS. 10 PSIG PRESS. DROP 10 PSI TIME AT PRESS. _____

ACTUAL FLUID TEMP. _____ F METAL TEMP.(If Applicable) MIN _____ F MAX _____ F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF
LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.Put 10 PS on Friday checked it on Monday
pressure was 0 - capped 3/4" drain line in manholeDATE STARTED 2-27-06DATE COMPLETED 2-27-06PERFORMED BY Westech

WITNESSED BY _____

SUBMITTED (FOREMAN):

RECEIVED:

Westech

APPENDIX D

LABORATORY RESULTS

TABLE D-1

**IBM EAST FISHKILL
AREA OF CONCERN 1 - UNDERGROUND PETROLEUM TRANSFER PIPING
TEST PIT SOIL SAMPLE RESULTS
STARS TABLE 2 COMPOUNDS**

SAMPLE ID	SB-1 5'-7' 11/16/05 1.0 ug/Kg	SB-5 8'-10' 11/16/05 1.0 ug/Kg	SB-6 8'-10' 11/16/05 1.0 ug/Kg	SB-7 7'-8' 11/16/05 1.0 ug/Kg	SB-8 5'-5.5' 11/11/05 1.0 ug/Kg	LABORATORY QUANTITATION LIMITS (ug/Kg)	NYSDEC Recommended Soil Cleanup Objectives (ug/Kg)
<u><i>Polatile Organic Compounds</i></u>							
Methyl tert-butyl ether	U	U	U	U	U	5	--
Benzene	U	U	U	U	U	5	60
Toluene	U	U	U	U	U	5	1500
Ethylbenzene	U	590	U	U	99	5	5,500
m,p-Xylene	U	180	U	U	300	5	--
o-Xylene	U	44 J	U	U	16 J	5	--
Xylene (total)	U	220	U	U	320	5	1,200
Isopropylbenzene	U	790	U	U	440	5	--
n-Propylbenzene	U	1,300	U	U	660 D	5	--
1,3,5-Trimethylbenzene	U	3,100 D	U	U	3,700 D	5	--
tert-Butylbenzene	U	U	U	U	U	5	--
1,2,4-Trimethylbenzene	U	7,500 D	U	2 J	11,000 D	5	--
sec-Butylbenzene	U	960	U	U	1,400 D	5	--
4-Isopropyltoluene	U	1,200	U	U	1,900 D	5	--
n-Butylbenzene	U	1,800	U	U	U	5	--
Naphthalene	U	4,400 D	U	U	530	5	13,000
<u><i>Semivolatille Organic Compounds</i></u>							
Naphthalene	U	3,300	U	U	U	330	13,000
Acenaphthene	U	940	U	U	350 J	330	50,000
Fluorene	U	1,000	U	U	160 J	330	50,000
Phenanthrene	U	3,200	U	U	130 J	330	50,000
Anthracene	U	320 J	U	U	U	330	50,000
Fluoranthene	U	U	U	U	U	330	50,000
Pyrene	U	510	U	U	U	330	50,000
Benzo(a)anthracene	U	U	U	U	U	330	224 OR MDL
Chrysene	U	U	U	U	U	330	400
Benzo(b)fluoranthene	U	U	U	U	U	330	1,100
Benzo(k)fluoranthene	U	U	U	U	U	330	1,100
Benzo(a)pyrene	U	U	U	U	U	330	61 OR MDL
Indeno(1,2,3-cd)anthracene	U	U	U	U	U	330	3,200
Dibenzo(a,h)anthracene	U	U	U	U	U	330	14 OR MDL
Benzo(g,h,i)perylene	U	U	U	U	U	330	50,000

QUALIFIERS:

U: Constituent analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

D: Sample result taken from reanalysis at a secondary dilution

B: Analyte detected in the associated Method Blank.

NOTES:

--: Not Available

: Result exceeds NYSDEC Recommended Soil Cleanup Objectives

*: PAH fraction analyzed at a 1:5 dilution

TABLE D-1

**IBM EAST FISHKILL
AREA OF CONCERN 1 - UNDERGROUND PETROLEUM TRANSFER PIPING
TEST PIT SOIL SAMPLE RESULTS
STARS TABLE 2 COMPOUNDS (continued)**

SAMPLE ID	SB-9	TP-1	TP-2	TP-3	TP-6	TP-7	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH	7.5'-9.5'	8'-9'	8'-9'	8.5'-9.5'	8.5'-9.5'	8'-9'		
DATE OF COLLECTION	11/11/05	11/30/05	11/30/05	11/30/05	11/30/05	12/19/05		
DILUTION FACTOR	1.0*	1.0	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	89.0	87.0	87.0	85.0	87.0	88.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
<i><u>Volatiles Organic Compounds</u></i>								
Methyl tert-butyl ether	U	U	U	U	U	U	5	--
Benzene	U	U	U	U	U	U	5	60
Toluene	U	U	U	U	U	U	5	1500
Ethylbenzene	920 DJ	U	U	U	U	U	5	5,500
m,p-Xylene	4,000 D	U	U	U	U	U	5	--
o-Xylene	290	U	U	U	U	U	5	--
Xylene (total)	4,300 D	U	U	U	U	U	5	1,200
Isopropylbenzene	1,800 D	U	U	U	U	U	5	--
n-Propylbenzene	3,900 D	U	U	U	U	U	5	--
1,3,5-Trimethylbenzene	11,000 D	U	U	U	U	U	5	--
tert-Butylbenzene	U	U	U	U	U	U	5	--
1,2,4-Trimethylbenzene	32,000 D	U	U	U	U	U	5	--
sec-Butylbenzene	3,900 D	U	U	U	U	U	5	--
4-Isopropyltoluene	4,400 D	U	U	U	U	U	5	--
n-Butylbenzene	8,100 D	U	U	U	U	U	5	--
Naphthalene	790	U	U	U	U	4 JB	5	13,000
<i><u>Semivolatile Organic Compounds</u></i>								
Naphthalene	3,800	U	U	U	U	U	330	13,000
Acenaphthene	4,700	U	U	U	U	U	330	50,000
Fluorene	5,300	U	U	U	U	U	330	50,000
Phenanthrene	13,000	U	U	U	U	U	330	50,000
Anthracene	1,400 J	U	U	U	U	U	330	50,000
Fluoranthene	U	U	U	U	U	U	330	50,000
Pyrene	2,300	U	U	U	U	U	330	50,000
Benzo(a)anthracene	U	U	U	U	U	U	330	224 OR MDL
Chrysene	U	U	U	U	U	U	330	400
Benzo(b)fluoranthene	U	U	U	U	U	U	330	1,100
Benzo(k)fluoranthene	U	U	U	U	U	U	330	1,100
Benzo(a)pyrene	U	U	U	U	U	U	330	61 OR MDL
Indeno(1,2,3-cd)anthracene	U	U	U	U	U	U	330	3,200
Dibenzo(a,h)anthracene	U	U	U	U	U	U	330	14 OR MDL
Benzo(g,h,i)perylene	U	U	U	U	U	U	330	50,000

QUALIFIERS:

U: Constituent analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

D: Sample result taken from reanalysis at a secondary dilution

B: Analyte detected in the associated Method Blank.

NOTES:

--: Not Available

: Result exceeds NYSDEC Recommended Soil Cleanup Objectives

*: PAH fraction analyzed at a 1:5 dilution

TABLE D-1

**IBM EAST FISHKILL
AREA OF CONCERN 1 - UNDERGROUND PETROLEUM TRANSFER PIPING
TEST PIT SOIL SAMPLE RESULTS
STARS TABLE 2 COMPOUNDS (continued)**

SAMPLE ID	TP-8	TP-9	TP-10	TP-11	LABORATORY QUANTITATION LIMITS	NYSDEC Recommended Soil Cleanup Objectives
SAMPLE DEPTH	8.5'-9.5'	7'-8'	10'-11'	9.5'-10.5'		
DATE OF COLLECTION	12/19/05	12/19/05	12/19/05	12/19/05		
DILUTION FACTOR	1.0	1.0	1.0	1.0		
PERCENT SOLIDS	89.0	95.0	90.0	94.0		
UNITS	ug/Kg	ug/Kg	ug/Kg	ug/Kg	(ug/Kg)	(ug/Kg)
<u><i>Volatile Organic Compounds</i></u>						
Methyl tert-butyl ether	U	U	U	U	5	--
Benzene	U	U	U	U	5	60
Toluene	U	U	U	U	5	1500
Ethylbenzene	U	U	U	U	5	5,500
m,p-Xylene	U	U	U	U	5	--
o-Xylene	U	U	U	U	5	--
Xylene (total)	U	U	U	U	5	1,200
Isopropylbenzene	U	U	U	U	5	--
n-Propylbenzene	U	U	U	U	5	--
1,3,5-Trimethylbenzene	U	U	U	U	5	--
tert-Butylbenzene	U	U	U	U	5	--
1,2,4-Trimethylbenzene	U	U	U	U	5	--
sec-Butylbenzene	U	U	U	U	5	--
4-Isopropyltoluene	U	U	U	U	5	--
n-Butylbenzene	U	U	U	U	5	--
Naphthalene	2 JB	U	U	U	5	13,000
<u><i>Semivolatile Organic Compounds</i></u>						
Naphthalene	U	U	U	U	330	13,000
Acenaphthene	U	U	U	U	330	50,000
Fluorene	U	U	U	U	330	50,000
Phenanthrene	U	U	U	U	330	50,000
Anthracene	U	U	U	U	330	50,000
Fluoranthene	U	U	U	U	330	50,000
Pyrene	U	U	U	U	330	50,000
Benzo(a)anthracene	U	U	U	U	330	224 OR MDL
Chrysene	U	U	U	U	330	400
Benzo(b)fluoranthene	U	U	U	U	330	1,100
Benzo(k)fluoranthene	U	U	U	U	330	1,100
Benzo(a)pyrene	U	U	U	U	330	61 OR MDL
Indeno(1,2,3-cd)anthracene	U	U	U	U	330	3,200
Dibenzo(a,h)anthracene	U	U	U	U	330	14 OR MDL
Benzo(g,h,i)perylene	U	U	U	U	330	50,000

QUALIFIERS:

U: Constituent analyzed for but not detected.

J: Compound found at a concentration below the detection limit.

D: Sample result taken from reanalysis at a secondary dilution

B: Analyte detected in the associated Method Blank.

NOTES:

--: Not Available

: Result exceeds NYSDEC Recommended Soil Cleanup Objectives

*: PAH fraction analyzed at a 1:5 dilution

TABLE D-1

**IBM EAST FISHKILL
AREA OF CONCERN 1 - UNDERGROUND PETROLEUM TRANSFER PIPING
TEST PIT SOIL SAMPLE RESULTS
PETROLEUM FINGERPRINT**

SAMPLE ID	SB-1	SB-1	SB-5	SB-6	SB-7	SB-8
SAMPLE DEPTH	5'-7'	8'-9'	8'-10'	8'-10'	7'-8'	5'-5.5'
DATE OF COLLECTION	11/16/05	12/19/05	11/16/05	11/16/05	11/16/05	11/11/05
DILUTION FACTOR	1.0	10.0	1.0	1.0	1.0	1.0
PERCENT SOLIDS	94.0	87.0	95.0	89.0	87.0	90.0
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Petroleum Hydrocarbons	19	5600	U	U	U	130
Fuel Identification	Insufficient TPH to identify petroleum product	Diesel Fuel	No petroleum products detected	No petroleum products detected	No petroleum products detected	Relatively light weight petroleum product such as kerosene or jet fuel

SAMPLE ID	SB-9	TP-1	TP-2	TP-3	TP-6	TP-7
SAMPLE DEPTH	7.5'-9.5'	8'-9'	8'-9'	8.5'-9.5'	8.5'-9.5'	8'-9'
DATE OF COLLECTION	11/11/05	11/30/05	11/30/05	11/30/05	11/30/05	12/19/05
DILUTION FACTOR	1.0	1.0	1.0	1.0	1.0	1.0
PERCENT SOLIDS	89.0	87.0	87.0	85.0	87.0	88.0
UNITS	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Total Petroleum Hydrocarbons	9300	U	U	U	U	U
Fuel Identification	Diesel Fuel	No petroleum products detected	No petroleum products detected	No petroleum products detected	No petroleum products detected	No petroleum products detected

SAMPLE ID	TP-8	TP-9	TP-10	TP-11
SAMPLE DEPTH	8.5'-9.5'	7'-8'	10'-11'	9.5'-10.5'
DATE OF COLLECTION	12/19/05	12/19/05	12/19/05	12/19/05
DILUTION FACTOR	1.0	1.0	1.0	1.0
PERCENT SOLIDS	89.0	95.0	90.0	94.0
UNITS	mg/kg	mg/kg	mg/kg	mg/kg
Total Petroleum Hydrocarbons	U	U	U	U
Fuel Identification	No petroleum products detected	No petroleum products detected	No petroleum products detected	No petroleum products detected

QUALIFIERS:

U: Constituent analyzed for but not detected.

B: Compound found in method blank as well as the sample

NOTES:

--: Not Available

APPENDIX B.2

BUILDING 640 ELEVATOR SHAFT SOIL DATA

IBM HUDSON VALLEY ENVIRONMENTAL LABORATORY

B/300, Z/4A1, 2070 ROUTE 52, HOPEWELL JUNCTION, NY 12533-6531
(845) 894-5700, ALTERNATE (845) 894-4060

To: M. West
Z/325
East Fishkill

M. Matthews
Z/309
East Fishkill

COC #: 44758

LAB ID #: 0405575 - 0405578

Enclosed please find the analytical results for samples received by our laboratory on June 7, 2004.

If you have any questions or concerns, please feel free to contact Gary Marone at (845) 894-5700.

Thank You.

FINAL REPORT REVIEWED AND APPROVED

G. Marone 6/18/04
Gary Marone Date
Lab Director

IBM HUDSON VALLEY ENVIRONMENTAL LAB

QC Initials: YAL

cc: File

Number of Pages to Follow: 28



B/300-4A1, ROUTE 52, HOPEWELL JUNCTION, NY 12533
(914) 894-4080 ALTERNATE (914) 894-7961

CHAIN OF CUSTODY DOCUMENT (NYS DOH-LAB NO. 10426)

44758

CUSTOMER NAME	DATE
NY EAST Fishkill	6-7-04
ADDRESS	
RT 52 Hopewell Jct	
SAMPLER	
J. Mathews	PHONE NO
NAME OF CONTACT	PHONE NO
M. West, Matthews	

NY PUBLIC WATER SUPPLIES
SOURCE ID
ELRP TYPE
FEDERAL ID

TURNAROUND
28 DYS
14 DYS
OTHER
VERBAL *3 days*

DESCRIPTION / CUSTOMER NUMBER	COLLECTED		GRAB OR COMPOSITE	HY-LAB ID NO.	SAMPLE SEALS	BOTTLES NO. VOL.	PRESERVED WITH	RECEIVING		ANALYSIS REQUESTED	COMMENTS
	DATE	TIME						PH	TEMP		
640 Elevator Soil	6-7-04	13:40	Grab	0405575	165	1/44	unp			8260	
640 Elevator Soil				0405575	166	1/120	unp			8270	
640 Elevator Soil				0405575	167	1/44	unp			8260	
640 Elevator Soil				0405575	168	1/120	unp			8270	
640 Elevator Soil				0405575	169	1/44	unp			8260	
640 Elevator Soil				0405575	170	1/120	unp			8270	
640 Elevator Soil				0405575	171	1/44	unp			8260	
640 Elevator Soil				0405575	172	1/120	unp			8270	

RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	COMMENTS
<i>[Signature]</i>	6-7-04	14:02	<i>[Signature]</i>	6-7-04	16:02	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	
RELINQUISHED BY	DATE	TIME	RECEIVED BY	DATE	TIME	

Samples Received
ON ICE

LAB COPY

ANALYTICAL NARRATIVE (pg 1 of 4)

CLIENT: IBM East Fishkill

COC NO: 44758

LAB IDS: 0405575 - 0405578

METHOD: SW846 8260B

The above referenced soil samples were analyzed on June 7-8, 2004 in the following analytical batches: v625, v626.

Sample B/640 Elevator E1 (Lab ID 0405575) was analyzed as a medium level soil. All other samples had to be extracted and were analyzed as high level soils.

The following quality control met method criteria for each analytical batch:

BFB Key Ion Abundance
Initial Calibration
Continuing Calibration
Method Blanks
Matrix Spike/Matrix Spike Duplicate (per 20 samples)
Laboratory Fortified Blank (per 20 samples)

Surrogates and internal standards met method criteria:

<u>Surrogates</u>	<u>Internal Standards</u>
1,4-Dichlorobutane	1,2-Dichloroethane-d4
4-Bromofluorobenzene	Fluorobenzene
1,2-Dichlorobenzene-d4	1-Chloro-3-Fluorobenzene

Compounds that were detected but not included on the final report are listed below (results in ug/kg dry weight):

<u>Sample ID</u>	<u>Target Compound</u>	<u>MDL</u>	<u>Report Limit</u>	<u>(ppb) Result Q</u>
B/640 E1	Isopropylbenzene	0.52	11.52	13.4
	n-Propyl Benzene	1.15	11.52	32.4
	1,3,5-Trimethylbenzene	0.46	11.52	125.6
	1,2,4-Trimethylbenzene	0.58	11.52	422.1
	p-Isopropyltoluene	0.52	11.52	45.0
	n-Butylbenzene	1.15	11.52	74.1
	1,2-Dibromo-3-Chloroprane	1.27	11.52	27.9
	Naphthalene	1.15	11.52	205.2
B/640 E2	Isopropylbenzene	108	2401	1391 J
	n-Propyl Benzene	132	2401	3243
	1,3,5-Trimethylbenzene	96	2401	10580
	1,2,4-Trimethylbenzene	120	2401	33521
	sec-Butylbenzene	120	2401	3722
	p-Isopropyltoluene	108	2401	4334
	n-Butylbenzene	240	2401	7762
	Naphthalene	240	2401	13814

ANALYTICAL NARRATIVE (pg 2 of 4)

COC NO: 44758

LAB IDS: 0405575 - 0405578

<u>Sample ID</u>	<u>Target Compound</u>	<u>MDL</u>	<u>Report Limit</u>	<u>(ppb) Result</u>	<u>Q</u>
B/640 E3	1,3,5-Trimethylbenzene	44	1095	512	J
	1,2,4-Trimethylbenzene	55	1095	1545	
	sec-Butylbenzene	55	1095	211	J
	p-Isopropyltoluene	49	1095	280	J
	n-Butylbenzene	110	1095	484	J
	Naphthalene	110	1095	1096	
B/640 E4	n-Propyl Benzene	149	2710	3045	
	1,3,5-Trimethylbenzene	108	2710	9500	
	1,2,4-Trimethylbenzene	136	2710	32302	
	sec-Butylbenzene	136	2710	3227	
	p-Isopropyltoluene	122	2710	3693	
	n-Butylbenzene	271	2710	6606	
	Naphthalene	271	2710	12833	

<u>Sample ID</u>	<u>Tentatively Identified</u>	<u>RT</u>	<u>Result</u>	<u>Q</u>
B/640 E1	Nonane	22.93	198.6	J
	Cyclohexane, 1-ethyl-3-methyl-	23.06	59.7	J
	Octane, 2,6-dimethyl-	23.69	101.5	J
	Nonane, 4-methyl-	24.21	96.6	J
	Nonane, 3-methyl-	24.42	76.3	J
	Benzene, 1-ethyl-2-methyl-	24.67	222.1	J
	Benzene, 1-ethyl-3-methyl-	24.74	101.6	J
	Decane, 4-methyl-	25.47	206.1	J
	Benzene, 1-methyl-4-(1-methylethyl)	25.84	173.4	J
	Cyclohexane, butyl-	26.07	117.7	J
	Benzene, 1,2,3-trimethyl-	26.24	515.5	J
	Benzene, 1,2-diethyl-	26.42	175.4	J
	Naphthalene, decahydro-,trans-	27.05	211.5	J
	Benzene, 4-ethyl-1,2-dimethyl-	27.15	241.5	J
	Benzene, 1-methyl-2-(1-methylethyl)	27.24	306.0	J
	Benzene, 1-methyl-3-(1-methylethyl)	27.34	366.1	J
	Benzene, 2-butenyl-	27.46	219.7	J
	1-Phenyl-1-butene	27.56	431.3	J
	Benzene, 1-methyl-4-(1-methylpropyl)	27.75	106.5	J
	Benzene, 1-ethyl-2,3-dimethyl-	27.91	180.1	J
	1H-Indene, 2,3-dihydro-4-methyl-	29.05	311.7	J
	Benzene, 1,2,3,5-tetramethyl-	29.12	508.8	J
	Naphthalene, 1,2,3,4-tetrahydro-	29.38	688.9	J
	1H-Indene, 2,3-dihydro-4,7-dimethyl-	29.62	148.6	J
	Benzene, (2-methyl-1-butenyl)-	29.81	374.2	J
	Cyclohexane, 2-butyl-1,1,3-trimethyl-	30.46	77.0	J
	Naphthalene, 1,2,3,4-tetrahydro-2-	30.59	390.3	J
	Naphthalene, 1,2,3,4-tetrahydro-1-	30.74	100.0	J

ANALYTICAL NARRATIVE (pg 3 of 4)

COC NO: 44758

LAB IDS: 0405575 - 0405578

<u>Sample ID</u>	<u>Tentatively Identified</u>	<u>RT</u>	<u>(ppb)</u> <u>Result</u>	<u>Q</u>
B/640 E2	Nonane	22.92	3084	J
	Cyclohexane, 1,3-dimethyl-,trans-	23.53	1441	J
	Nonane, 3-methyl-	23.69	1219	J
	Benzene, 1-ethyl-3-methyl-	24.67	2308	J
	Cyclohexane, 1,1,2,3-tetramethyl-	24.79	1648	J
	Benzene, 1-ethyl-2-methyl-	25.15	2269	J
	Benzene, 1-methyl-4-(1-methylethyl)-	25.84	1783	J
	Cyclohexane, butyl-	26.07	2678	J
	Benzene, 1,2,3-trimethyl-	26.23	3461	J
	Benzene, 1,2-diethyl-	26.42	1306	J
	Undecane	26.95	4662	J
	Naphthalene, decahydro-,trans-	27.05	2755	J
	Benzene, 4-ethyl-1,2-dimethyl-	27.15	2032	J
	Benzene, methyl(1-methylethyl)-	27.23	2628	J
	Benzene, 2-ethyl-1,4-dimethyl-	27.34	2761	J
	Benzene, 1-methyl-2-(2-propenyl)-	27.45	2079	J
	Benzene, 2-butenyl-	27.56	3715	J
	Benzene, 1-ethyl-2,3-dimethyl-	27.91	1598	J
	Benzene, 2-ethyl-1,3-dimethyl-	28.22	2978	J
	Benzene, 1-ethyl-3,5-dimethyl-	28.30	4843	J
	Benzene, 2,4-dimethyl-1-(1-methyl-	28.46	1173	J
	Naphthalene, decahydro-1-methyl-	28.65	1654	J
	Azulene, 1,2,3,3a-tetrahydro-	28.76	2815	J
	Benzene, (1,1-dimethylpropyl)-	28.86	1608	J
	1-Phenyl-1-butene	29.05	3321	J
	Benzene, 1-methyl-3-(1-methylethyl)-	29.12	4412	J
	Naphthalene, 1,2,3,4-tetrahydro-	29.38	3443	J
	1H-Indene, 2,3-dihydro-1,3-dimethyl-	29.61	1149	J
	Benzene, (1-methyl-1-butenyl)-	29.99	3900	J
	Naphthalene, 1,2,3,4-tetrahydro-2-	30.57	2445	J
B/640 E3	Naphthalene, 1,2,3,4-tetrahydro-6-	17.66	840	J
	Naphthalene, 1,2,3,4-tetrahydro-5-	20.58	932	J
	Naphthalene, 1-methyl-	21.72	2053	J
	Naphthalene, 1,2,3,4-tetrahydro-2,	21.96	1345	J
	Naphthalene, 2-methyl-	22.71	816	J
	Undecane	26.94	1045	J
	Dodecane	28.99	585	J

ANALYTICAL NARRATIVE (pg 4 of 4)

COC NO: 44758

LAB IDS: 0405575 - 0405578

<u>Sample ID</u>	<u>Tentatively Identified</u>	<u>RT</u>	<u>(ppb)</u> <u>Result</u>	<u>Q</u>
B/640 E4	Cyclohexane, 1,1,3-trimethyl-	22.02	1136	J
	Nonane	22.92	2960	J
	Cyclohexane, 1-ethyl-4-methyl-	23.06	1211	J
	Octane, 2,6-dimethyl-	23.69	1299	J
	Benzene, 1-ethyl-3-methyl-	24.67	1725	J
	Benzene, 1-ethyl-2-methyl-	25.15	1970	J
	Decane, 4-methyl-	25.47	1544	J
	Benzene, 1-methyl-2-(1-methylethyl)	25.84	1613	J
	Benzene, 1,2,3-trimethyl-	26.23	3261	J
	Benzene, 1,3-diethyl-	26.42	1343	J
	Naphthalene, decahydro-,trans-	27.05	2532	J
	Benzene, 1-methyl-3-(1-methylethyl)	27.15	1815	J
	Benzene, methyl(1-methylethyl)-	27.24	2231	J
	Benzene, 1-methyl-4-(1-methylethyl)	27.34	2199	J
	Benzene, 2-butenyl-	27.56	3027	J
	Benzene, 1-ethyl-2,3-dimethyl-	27.91	1538	J
	Benzene, 4-ethyl-1,2-dimethyl-	28.22	2314	J
	Naphthalene, decahydro-2-methyl-	28.65	1554	J
	Benzene, (2-methyl-1-propenyl)-	28.76	2171	J
	1-Phenyl-1-butene	29.06	2230	J
	Benzene, 2-ethyl-1,4-dimethyl-	29.12	3323	J
	Naphthalene, 1,2,3,4-tetrahydro-2-	30.57	1681	J

Q.C. Coordinator: T. Lund

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E1
 Lab Sample ID: 0405575
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Location: IBM East Fishkill
 File No.: V62509
 GC/MS Sample ID: EF040607165
 Blank File No.: V62508

Report Date: 06/10/2004
 % Solid: 86.8
 Matrix: Soil
 Dilution Factor: 5
 Date/Time Analyzed: 06/07/2004 1613
 Analysts Initials: JLD
 Method: 8260B
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
67-64-1	Acetone	28.23	115.21		U
71-43-2	Benzene	0.75	11.52		U
108-86-1	Bromobenzene	0.58	11.52		U
75-27-4	Bromodichloromethane	0.52	11.52		U
75-25-2	Bromoform	1.04	11.52		U
74-83-9	Bromomethane	1.56	11.52		U
78-93-3	2-Butanone	1.27	11.52		U
75-15-0	Carbon Disulfide	0.81	11.52		U
56-23-5	Carbon Tetrachloride	1.15	11.52		U
108-90-7	Chlorobenzene	0.58	11.52		U
75-00-3	Chloroethane	0.92	11.52		U
67-66-3	Chloroform	0.81	11.52		U
74-87-3	Chloromethane	1.84	11.52		U
124-48-1	Dibromochloromethane	0.46	11.52		U
74-95-3	Dibromomethane	0.40	11.52		U
95-50-1	1,2-Dichlorobenzene	0.75	11.52		U
541-73-1	1,3-Dichlorobenzene	0.58	11.52		U
106-46-7	1,4-Dichlorobenzene	1.04	11.52		U
75-71-8	Dichlorodifluoromethane	1.32	11.52		U
75-34-3	1,1-Dichloroethane	0.98	11.52		U
107-06-2	1,2-Dichloroethane	0.63	11.52		U
75-35-4	1,1-Dichloroethene	1.27	11.52		U
540-59-0	1,2-Dichloroethene (total)	0.92	11.52		U
78-87-5	1,2-Dichloropropane	0.35	11.52		U
10061-01-5	cis-1,3-Dichloropropene	0.63	11.52		U
10061-02-6	trans-1,3-Dichloropropene	0.81	11.52		U
100-41-4	Ethyl Benzene	0.58	11.52	9.09	J
76-13-1	Freon 113	1.44	11.52		U
354-23-4	Freon 123a	1.04	11.52		U
591-78-6	2-Hexanone	1.15	11.52		U
75-09-2	Methylene Chloride	0.81	11.52		U
1634-04-4	Methyl tertbutylether	1.32	11.52		U
108-10-1	4-Methyl-2-Pentanone	1.04	11.52	10.44	J
67-63-0	2-Propanol	22.58	115.21		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E1
 Lab Sample ID: 0405575
 File No.: V62509

Report Date: 06/10/2004
 % Solid: 86.8
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
100-42-5	Styrene	0.35	11.52		U
630-20-6	1,1,1,2-Tetrachloroethane	1.09	11.52		U
79-34-5	1,1,2,2-Tetrachloroethane	1.09	11.52		U
127-18-4	Tetrachloroethene	0.63	11.52		U
109-99-9	Tetrahydrofuran	12.21	115.21		U
108-88-3	Toluene	0.40	11.52		U
87-61-6	1,2,3-Trichlorobenzene	1.67	11.52		U
120-82-1	1,2,4-Trichlorobenzene	1.61	11.52		U
71-55-6	1,1,1-Trichloroethane	1.27	11.52		U
79-00-5	1,1,2-Trichloroethane	0.63	11.52		U
79-01-6	Trichloroethene	0.69	11.52		U
75-69-4	Trichlorofluoromethane	1.44	11.52		U
96-18-4	1,2,3-Trichloropropane	1.61	11.52		U
108-05-4	Vinyl Acetate	1.09	11.52		U
75-01-4	Vinyl Chloride	1.09	11.52		U
95-47-6	o-Xylene	0.63	11.52	35.63	
108-38-3/ 106-42-3	m&p-Xylene	0.92	23.04	60.68	

SURROGATE RECOVERIES

1,4-Dichlorobutane 98.7%
 4-Bromofluorobenzene 101.0%
 1,2-Dichlorobenzene-d4 102.0%

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL
 but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments: All soil results are reported in dry weight. Dilution factor is a multiplier used to adjust detection levels between low, medium and high levels.

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E2
 Lab Sample ID: 0405576
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Location: IBM East Fishkill
 File No.: V62605
 GC/MS Sample ID: EF040607167
 Blank File No.: V62604

Report Date: 06/11/2004
 % Solid: 83.3
 Matrix: Soil
 Dilution Factor: 1000
 Date/Time Analyzed: 06/08/2004 1428
 Analysts Initials: JLD
 Method: 8260B
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
67-64-1	Acetone	5882	24010		U
71-43-2	Benzene	156	2401		U
108-86-1	Bromobenzene	120	2401		U
75-27-4	Bromodichloromethane	108	2401		U
75-25-2	Bromoform	216	2401		U
74-83-9	Bromomethane	324	2401		U
78-93-3	2-Butanone	264	2401		U
75-15-0	Carbon Disulfide	168	2401		U
56-23-5	Carbon Tetrachloride	240	2401		U
108-90-7	Chlorobenzene	120	2401		U
75-00-3	Chloroethane	192	2401		U
67-66-3	Chloroform	168	2401		U
74-87-3	Chloromethane	384	2401		U
124-48-1	Dibromochloromethane	96	2401		U
74-95-3	Dibromomethane	84	2401		U
95-50-1	1,2-Dichlorobenzene	156	2401		U
541-73-1	1,3-Dichlorobenzene	120	2401		U
106-46-7	1,4-Dichlorobenzene	216	2401		U
75-71-8	Dichlorodifluoromethane	276	2401		U
75-34-3	1,1-Dichloroethane	204	2401		U
107-06-2	1,2-Dichloroethane	132	2401		U
75-35-4	1,1-Dichloroethene	264	2401		U
540-59-0	1,2-Dichloroethene (total)	192	2401		U
78-87-5	1,2-Dichloropropane	72	2401		U
10061-01-5	cis-1,3-Dichloropropene	132	2401		U
10061-02-6	trans-1,3-Dichloropropene	168	2401		U
100-41-4	Ethyl Benzene	120	2401	921	J
76-13-1	Freon 113	300	2401		U
354-23-4	Freon 123a	216	2401		U
591-78-6	2-Hexanone	240	2401		U
75-09-2	Methylene Chloride	168	2401		U
1634-04-4	Methyl tertbutylether	276	2401		U
108-10-1	4-Methyl-2-Pentanone	216	2401		U
67-63-0	2-Propanol	4706	24010		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E2
 Lab Sample ID: 0405576
 File No.: V62605

Report Date: 06/11/2004
 % Solid: 83.3
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
100-42-5	Styrene	72	2401		U
630-20-6	1,1,1,2-Tetrachloroethane	228	2401		U
79-34-5	1,1,2,2-Tetrachloroethane	228	2401		U
127-18-4	Tetrachloroethene	132	2401		U
109-99-9	Tetrahydrofuran	2545	24010		U
108-88-3	Toluene	84	2401		U
87-61-6	1,2,3-Trichlorobenzene	348	2401		U
120-82-1	1,2,4-Trichlorobenzene	336	2401		U
71-55-6	1,1,1-Trichloroethane	264	2401		U
79-00-5	1,1,2-Trichloroethane	132	2401		U
79-01-6	Trichloroethene	144	2401		U
75-69-4	Trichlorofluoromethane	300	2401		U
96-18-4	1,2,3-Trichloropropane	336	2401		U
108-05-4	Vinyl Acetate	228	2401		U
75-01-4	Vinyl Chloride	228	2401		U
95-47-6	o-Xylene	132	2401	3211	
108-38-3/ 106-42-3	m&p-Xylene	192	4802	5643	

SURROGATE RECOVERIES

1,4-Dichlorobutane 96.4%
 4-Bromofluorobenzene 98.9%
 1,2-Dichlorobenzene-d4 98.1%

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments: All soil results are reported in dry weight. Dilution factor is a multiplier used to adjust detection levels between low, medium and high levels.

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name:	M. West/M. Matthews	Report Date:	06/11/2004
Client Sample ID:	B/640 Elevator E3	% Solid:	91.3
Lab Sample ID:	0405577	Matrix:	Soil
Date/Time Sampled:	06/07/2004 1340	Dilution Factor:	500
Date/Time Received:	06/07/2004 1402	Date/Time Analyzed:	06/08/2004 1615
Location:	IBM East Fishkill	Analysts Initials:	JLD
File No.:	V62608	Method:	8260B
GC/MS Sample ID:	EF040607169	Samplers Initials:	JCM
Blank File No.:	V62604	COC:	44758

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
67-64-1	Acetone	2683	10953		U
71-43-2	Benzene	71	1095		U
108-86-1	Bromobenzene	55	1095		U
75-27-4	Bromodichloromethane	49	1095		U
75-25-2	Bromoform	99	1095		U
74-83-9	Bromomethane	148	1095		U
78-93-3	2-Butanone	120	1095		U
75-15-0	Carbon Disulfide	77	1095		U
56-23-5	Carbon Tetrachloride	110	1095		U
108-90-7	Chlorobenzene	55	1095		U
75-00-3	Chloroethane	88	1095		U
67-66-3	Chloroform	77	1095		U
74-87-3	Chloromethane	175	1095		U
124-48-1	Dibromochloromethane	44	1095		U
74-95-3	Dibromomethane	38	1095		U
95-50-1	1,2-Dichlorobenzene	71	1095		U
541-73-1	1,3-Dichlorobenzene	55	1095		U
106-46-7	1,4-Dichlorobenzene	99	1095		U
75-71-8	Dichlorodifluoromethane	126	1095		U
75-34-3	1,1-Dichloroethane	93	1095		U
107-06-2	1,2-Dichloroethane	60	1095		U
75-35-4	1,1-Dichloroethene	120	1095		U
540-59-0	1,2-Dichloroethene (total)	88	1095		U
78-87-5	1,2-Dichloropropane	33	1095		U
10061-01-5	cis-1,3-Dichloropropene	60	1095		U
10061-02-6	trans-1,3-Dichloropropene	77	1095		U
100-41-4	Ethyl Benzene	55	1095		U
76-13-1	Freon 113	137	1095		U
354-23-4	Freon 123a	99	1095		U
591-78-6	2-Hexanone	110	1095		U
75-09-2	Methylene Chloride	77	1095		U
1634-04-4	Methyl tertbutylether	126	1095		U
108-10-1	4-Methyl-2-Pentanone	99	1095		U
67-63-0	2-Propanol	2147	10953		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E3
 Lab Sample ID: 0405577
 File No.: V62608

Report Date: 06/11/2004
 % Solid: 91.3
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
100-42-5	Styrene	33	1095		U
630-20-6	1,1,1,2-Tetrachloroethane	104	1095		U
79-34-5	1,1,2,2-Tetrachloroethane	104	1095		U
127-18-4	Tetrachloroethene	60	1095		U
109-99-9	Tetrahydrofuran	1161	10953		U
108-88-3	Toluene	38	1095		U
87-61-6	1,2,3-Trichlorobenzene	159	1095		U
120-82-1	1,2,4-Trichlorobenzene	153	1095		U
71-55-6	1,1,1-Trichloroethane	120	1095		U
79-00-5	1,1,2-Trichloroethane	60	1095		U
79-01-6	Trichloroethene	66	1095		U
75-69-4	Trichlorofluoromethane	137	1095		U
96-18-4	1,2,3-Trichloropropane	153	1095		U
108-05-4	Vinyl Acetate	104	1095		U
75-01-4	Vinyl Chloride	104	1095		U
95-47-6	o-Xylene	60	1095		U
108-38-3/ 106-42-3	m&p-Xylene	88	2191		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	107.1%
4-Bromofluorobenzene	99.1%
1,2-Dichlorobenzene-d4	97.1%

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments: All soil results are reported in dry weight. Dilution factor is a multiplier used to adjust detection levels between low, medium and high levels.

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E4
 Lab Sample ID: 0405578
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Location: IBM East Fishkill
 File No.: V62607
 GC/MS Sample ID: EF040607171
 Blank File No.: V62604

Report Date: 06/11/2004
 % Solid: 73.8
 Matrix: Soil
 Dilution Factor: 1000
 Date/Time Analyzed: 06/08/2004 1538
 Analysts Initials: JLD
 Method: 8260B
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
67-64-1	Acetone	6640	27100		U
71-43-2	Benzene	176	2710		U
108-86-1	Bromobenzene	136	2710		U
75-27-4	Bromodichloromethane	122	2710		U
75-25-2	Bromoform	244	2710		U
74-83-9	Bromomethane	366	2710		U
78-93-3	2-Butanone	298	2710		U
75-15-0	Carbon Disulfide	190	2710		U
56-23-5	Carbon Tetrachloride	271	2710		U
108-90-7	Chlorobenzene	136	2710		U
75-00-3	Chloroethane	217	2710		U
67-66-3	Chloroform	190	2710		U
74-87-3	Chloromethane	434	2710		U
124-48-1	Dibromochloromethane	108	2710		U
74-95-3	Dibromomethane	95	2710		U
95-50-1	1,2-Dichlorobenzene	176	2710		U
541-73-1	1,3-Dichlorobenzene	136	2710		U
106-46-7	1,4-Dichlorobenzene	244	2710		U
75-71-8	Dichlorodifluoromethane	312	2710		U
75-34-3	1,1-Dichloroethane	230	2710		U
107-06-2	1,2-Dichloroethane	149	2710		U
75-35-4	1,1-Dichloroethene	298	2710		U
540-59-0	1,2-Dichloroethene (total)	217	2710		U
78-87-5	1,2-Dichloropropane	81	2710		U
10061-01-5	cis-1,3-Dichloropropene	149	2710		U
10061-02-6	trans-1,3-Dichloropropene	190	2710		U
100-41-4	Ethyl Benzene	136	2710	976	J
76-13-1	Freon 113	339	2710		U
354-23-4	Freon 123a	244	2710		U
591-78-6	2-Hexanone	271	2710		U
75-09-2	Methylene Chloride	190	2710		U
1634-04-4	Methyl tertbutylether	312	2710		U
108-10-1	4-Methyl-2-Pentanone	244	2710		U
67-63-0	2-Propanol	5312	27100		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E4
 Lab Sample ID: 0405578
 File No.: V62607

Report Date: 06/11/2004
 % Solid: 73.8
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
100-42-5	Styrene	81	2710		U
630-20-6	1,1,1,2-Tetrachloroethane	257	2710		U
79-34-5	1,1,2,2-Tetrachloroethane	257	2710		U
127-18-4	Tetrachloroethene	149	2710		U
109-99-9	Tetrahydrofuran	2873	27100		U
108-88-3	Toluene	95	2710		U
87-61-6	1,2,3-Trichlorobenzene	393	2710		U
120-82-1	1,2,4-Trichlorobenzene	379	2710		U
71-55-6	1,1,1-Trichloroethane	298	2710		U
79-00-5	1,1,2-Trichloroethane	149	2710		U
79-01-6	Trichloroethene	163	2710		U
75-69-4	Trichlorofluoromethane	339	2710		U
96-18-4	1,2,3-Trichloropropane	379	2710		U
108-05-4	Vinyl Acetate	257	2710		U
75-01-4	Vinyl Chloride	257	2710		U
95-47-6	o-Xylene	149	2710	3167	
108-38-3/ 106-42-3	m&p-Xylene	217	5420	6098	

SURROGATE RECOVERIES

1,4-Dichlorobutane	100.0%
4-Bromofluorobenzene	99.0%
1,2-Dichlorobenzene-d4	99.8%

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments: All soil results are reported in dry weight. Dilution factor is a multiplier used to adjust detection levels between low, medium and high levels.

ANALYTICAL NARRATIVE (pg 1 of 3)

CLIENT: IBM East Fishkill

COC NO: 44758

SAMPLES: 0405575 - 0405578

METHOD: SW846 8270C

The above referenced soil samples were analyzed on June 16, 2004 in the following analytical batch: s313.

B/640 Elevator E2 (Lab ID 0405576) and B/640 Elevator E4 (Lab ID 0405578) were both analyzed at a 1x and 10x dilution. The 10x analyses are reported; however, in order to detect the lowest concentrations, the 1x analyses are also included with the compounds above the calibration qualified with an "E".

The following quality control met method criteria for each analytical batch:

DFTPP Key Ion Abundance

Initial Calibration - The %RSD for 3,3'-Dichlorobenzidine was 20.0%. The average RSD for all compounds was 4.0%.

Continuing Calibration

Extraction Blanks

Matrix Spike/Matrix Spike Duplicate (per 20 samples)

Laboratory Fortified Blank

Surrogates and internal standards met method criteria for each sample with the following exceptions: The surrogates were diluted out in the 10x analyses for samples B/640 Elevator E2 (Lab ID 0405576) and B/640 Elevator E4 (Lab ID 0405578).

Surrogates

Nitrobenzene-d5
2-Fluorobiphenyl
Terphenyl-d14
2-Fluorophenol
2,4,6-Tribromophenol
Phenol-d5

Internal Standards

1,4-Dichlorobenzene-d4
Acenaphthene-d10
Chrysene-d12
Naphthalene-d8
Phenanthrene-d10
Perylene-d12

Compounds that were detected but not included on the final report are listed below (results in ug/kg dry weight):

<u>Sample ID</u>	<u>Target Compound</u>	<u>MDL</u>	<u>Report Limit</u>	<u>(ppb) Result Q</u>
B/640 E3	1-Methyl-2-Pyrrolidinone	105	723	1755

ANALYTICAL NARRATIVE (pg 2 of 3)

COC NO: 44758

SAMPLES: 0405575 - 0405578

<u>Sample ID</u>	<u>Tentatively Identified</u>	<u>RT</u>	(ppb) <u>Result</u>	<u>Q</u>
B/640 E1	Undecane	7.61	3793	J
	Undecane, 2,6-dimethyl-	9.60	1992	J
	Naphthalene, 1,2,3,4-tetrahydro-6-me	10.84	1704	J
	Tridecane	11.30	6923	J
	Naphthalene, 2-methyl-	11.81	2286	J
	Naphthalene, 1,2,3,4-tetrahydro-1,4-	11.89	2121	J
	Naphthalene, 1,2,3,4-tetrahydro-1,8-	12.06	1947	J
	Tetradecane	13.34	3783	J
	Naphthalene, 2,7-dimethyl-	13.70	2718	J
	Naphthalene, 1,7-dimethyl-	14.02	2728	J
	Naphthalene, 2,6-dimethyl-	14.09	1673	J
	Naphthalene, 1,5-dimethyl-	14.40	1705	J
	Hexadecane	14.59	2271	J
	Pentadecane	15.38	4201	J
	Naphthalene, 2,3,6-trimethyl-	16.27	1937	J
	N-Nonylcyclohexane	16.48	1659	J
	Naphthalene, 1,4,6-trimethyl-	16.64	2616	J
	Eicosane	35.25	3116	J
	Nonacosane	38.09	1969	J
B/640 E2 (1x)	Benzene, 1,2,3-trimethyl-	6.17	6911	J
	Decane, 4-methyl-	6.48	2651	J
	Benzene, 1-methyl-3-propyl-	6.97	3539	J
	Benzene, 1-methyl-4-(1-methylethyl)	7.07	6429	J
	Decane, 3-methyl-	7.17	2376	J
	Benzene, 1-methyl-2-(1-methylethyl)	7.41	5439	J
	Undecane	7.66	14586	J
	Dodecane	9.43	5959	J
	Naphthalene, 1,2,3,4-tetrahydro-6-me	10.90	2281	J
	Tridecane	11.41	6018	J
	Naphthalene, 2-methyl-	11.90	3161	J
	Tetradecane	13.48	3901	J
	Naphthalene, 2,6-dimethyl-	13.82	3199	J
	Naphthalene, 2,3-dimethyl-	14.14	4076	J
	Hexadecane	14.69	2463	J
	Pentadecane	15.52	3489	J
	Heptadecane	17.51	3477	J
	Octacosane	35.37	3575	J
	Hexadecane, 2,6,10,14-tetramethyl-	38.60	2367	J

ANALYTICAL NARRATIVE (pg 3 of 3)

COC NO: 44758

SAMPLES: 0405575 - 0405578

<u>Sample ID</u>	<u>Tentatively Identified</u>	<u>RT</u>	<u>(ppb)</u> <u>Result</u>	<u>Q</u>
B/640 E3	Benzene, 1,2,3-trimethyl-	6.15	1585	J
	Undecane	7.60	3671	J
	Undecane, 2,6-dimethyl-	9.60	1863	J
	Tridecane	11.30	6287	J
	Naphthalene, 2-methyl-	11.81	2136	J
	Naphthalene, 1,2,3,4-tetrahydro-1,4	11.89	1821	J
	Naphthalene, 1,2,3,4-tetrahydro-1,8	12.06	1710	J
	Tetradecane	13.34	3527	J
	Naphthalene, 1,2-dimethyl-	13.47	1829	J
	Naphthalene, 1,6-dimethyl-	13.70	2676	J
	Naphthalene, 2,6-dimethyl-	14.02	2525	J
	Naphthalene, 2,7-dimethyl-	14.09	1633	J
	Hexadecane	14.59	2031	J
	Naphthalene, 2,3-dimethyl-	14.75	1701	J
	Naphthalene, 1,4,6-trimethyl-	16.65	2365	J
	Octacosane	34.05	2227	J
	Docosane, 7-hexyl-	34.38	1662	J
	Heptadecane, 9-octyl-	35.27	2560	J
B/640 E4 (1x)	Benzene, 1,2,3-trimethyl-	6.12	7339	J
	Benzene, 1-methyl-3-propyl-	6.93	3224	J
	Benzene, 1-methyl-4-(1-methylethyl)	7.38	3822	J
	Undecane	7.61	12543	J
	Dodecane	9.39	10117	J
	Undecane, 2,6-dimethyl-	9.62	3439	J
	Naphthalene, 1,2,3,4-tetrahydro-6-m	10.87	2847	J
	Tridecane	11.36	9829	J
	Naphthalene, 1-methyl-	11.85	4540	J
	Naphthalene, 1,2,3,4-tetrahydro-1,4	11.93	3153	J
	1H-Indene, 2,3-dihydro-1,1,4-trimet	12.09	2981	J
	Tetradecane	13.41	5355	J
	Naphthalene, 2,3-dimethyl-	13.76	4296	J
	Naphthalene, 1,6-dimethyl-	14.09	4351	J
	Naphthalene, 2,6-dimethyl-	14.16	2566	J
	Naphthalene, 1,4-dimethyl-	14.45	2636	J
	Hexadecane	14.64	3099	J
	Naphthalene, 1,6,7-trimethyl-	16.33	2610	J
	Nonadecane	35.31	2960	J
	Heneicosane	35.65	2980	J

Q.C. Coordinator: T. Lund

SEMIVOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E1
 Lab Sample ID: 0405575
 File No.: S31305

Report Date: 06/17/2004
 % Solid: 86.8
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
206-44-0	Fluoranthene	98	760		U
86-73-7	Fluorene	97	760	476	J
118-74-1	Hexachlorobenzene	104	760		U
87-68-3	Hexachlorobutadiene	122	760		U
77-47-4	Hexachlorocyclopentadiene	94	760		U
67-72-1	Hexachloroethane	109	760		U
193-39-5	Indeno(1,2,3-cd)pyrene	108	760		U
78-59-1	Isophorone	109	760		U
91-57-6	2-Methylnaphthalene	109	760	3099	
95-48-7	2-Methylphenol	124	760		U
106-44-5	4-Methylphenol *	114	760		U
91-20-3	Naphthalene	107	760	370	J
88-74-4	2-Nitroaniline	101	760		U
99-09-2	3-Nitroaniline	119	760		U
100-01-6	4-Nitroaniline	139	760		U
98-95-3	Nitrobenzene	111	760		U
88-75-5	2-Nitrophenol	111	760		U
100-02-7	4-Nitrophenol	103	760		U
621-64-7	N-Nitroso-di-n-propylamine	116	760		U
86-30-6	N-Nitrosodiphenylamine	108	760		U
87-86-5	Pentachlorophenol	138	760		U
85-01-8	Phenanthrene	103	760	1227	
108-95-2	Phenol	109	760	140	J
129-00-0	Pyrene	115	760	121	J
120-82-1	1,2,4-Trichlorobenzene	105	760		U
95-95-4	2,4,5-Trichlorophenol	111	760		U
88-06-2	2,4,6-Trichlorophenol	108	760		U

SURROGATE RECOVERIES

2-Fluorophenol 30.7%
 Phenol-d5 37.0%
 Nitrobenzene-d5 28.0%

SURROGATE RECOVERIES

2-Fluorobiphenyl 40.6%
 2,4,6-Tribromophenol 45.9%
 Terphenyl-d14 49.3%

MDL = Method Detection Limit (corrected for dilution).

LOD = Limit of Detection equals the lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the LOD.

B = Compound is found in the associated blank.

Comments: * 4-Methylphenol coelutes with 3-Methylphenol

SEMIVOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E1
 Lab Sample ID: 0405575
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Date Extracted: 06/14/2004
 Location: IBM East Fishkill
 File No.: S31305
 GC/MS Sample ID: EF040607166
 Blank File No.: S31303

Report Date: 06/17/2004
 % Solid: 86.8
 Matrix: Soil
 Dilution Factor: 1
 Date/Time Analyzed: 06/16/2004 1145
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
83-32-9	Acenaphthene	103	760		U
208-96-8	Acenaphthylene	104	760		U
120-12-7	Anthracene	105	760	128	J
56-55-3	Benzo(a)anthracene	115	760		U
50-32-8	Benzo(a)pyrene	122	760		U
205-99-2	Benzo(b)fluoranthene	146	760		U
191-24-2	Benzo(g,h,i)perylene	128	760		U
207-08-9	Benzo(k)fluoranthene	131	760		U
100-51-6	Benzyl Alcohol	118	760		U
111-91-1	bis(2-Chloroethoxy)methane	114	760		U
111-44-4	bis(2-Chloroethyl)ether	109	760		U
108-60-1	bis(2-Chloroisopropyl)ether	103	760		U
117-81-7	bis(2-Ethylhexyl)phthalate	119	760	259	J
101-55-3	4-Bromophenyl-phenyl ether	111	760		U
85-68-7	Butylbenzylphthalate	107	760		U
95-57-8	2-Chlorophenol	114	760		U
91-58-7	2-Chloronaphthalene	115	760		U
106-47-8	4-Chloroaniline	96	760		U
59-50-7	4-Chloro-3-methylphenol	116	760		U
7005-72-3	4-Chlorophenyl-phenyl ether	88	760		U
218-01-9	Chrysene	104	760		U
53-70-3	Dibenzo(a,h)anthracene	100	760		U
132-64-9	Dibenzofuran	111	760		U
84-74-2	Di-n-butylphthalate	116	760		U
95-50-1	1,2-Dichlorobenzene	103	760		U
541-73-1	1,3-Dichlorobenzene	100	760		U
106-46-7	1,4-Dichlorobenzene	113	760		U
91-94-1	3,3'-Dichlorobenzidine	234	760		U
120-83-2	2,4-Dichlorophenol	112	760		U
84-66-2	Diethylphthalate	103	760		U
105-67-9	2,4-Dimethylphenol	135	760		U
131-11-3	Dimethylphthalate	94	760		U
117-84-0	Di-n-octylphthalate	122	760		U
534-52-1	4,6-Dinitro-2-methylphenol	90	760		U
51-28-5	2,4-Dinitrophenol	111	760		U
121-14-2	2,4-Dinitrotoluene	101	760		U
606-20-2	2,6-Dinitrotoluene	98	760		U

SEMI-VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E2
 Lab Sample ID: 0405576
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Date Extracted: 06/14/2004
 Location: IBM East Fishkill
 File No.: S31306
 GC/MS Sample ID: EF040607168
 Blank File No.: S31303

Report Date: 06/17/2004
 % Solid: 83.3
 Matrix: Soil
 Dilution Factor: 1
 Date/Time Analyzed: 06/16/2004 1241
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
83-32-9	Acenaphthene	107	792	1607	
208-96-8	Acenaphthylene	108	792		U
120-12-7	Anthracene	109	792	624	J
56-55-3	Benzo(a)anthracene	120	792		U
50-32-8	Benzo(a)pyrene	127	792		U
205-99-2	Benzo(b)fluoranthene	152	792		U
191-24-2	Benzo(g,h,i)perylene	133	792		U
207-08-9	Benzo(k)fluoranthene	137	792		U
100-51-6	Benzyl Alcohol	122	792		U
111-91-1	bis(2-Chloroethoxy)methane	119	792		U
111-44-4	bis(2-Chloroethyl)ether	114	792		U
108-60-1	bis(2-Chloroisopropyl)ether	107	792		U
117-81-7	bis(2-Ethylhexyl)phthalate	124	792	834	
101-55-3	4-Bromophenyl-phenyl ether	115	792		U
85-68-7	Butylbenzylphthalate	112	792		U
95-57-8	2-Chlorophenol	119	792		U
91-58-7	2-Chloronaphthalene	120	792		U
106-47-8	4-Chloroaniline	100	792		U
59-50-7	4-Chloro-3-methylphenol	121	792		U
7005-72-3	4-Chlorophenyl-phenyl ether	91	792		U
218-01-9	Chrysene	108	792		U
53-70-3	Dibenzo(a,h)anthracene	104	792		U
132-64-9	Dibenzofuran	115	792		U
84-74-2	Di-n-butylphthalate	121	792		U
95-50-1	1,2-Dichlorobenzene	107	792		U
541-73-1	1,3-Dichlorobenzene	104	792		U
106-46-7	1,4-Dichlorobenzene	118	792		U
91-94-1	3,3'-Dichlorobenzidine	244	792		U
120-83-2	2,4-Dichlorophenol	116	792		U
84-66-2	Diethylphthalate	107	792		U
105-67-9	2,4-Dimethylphenol	140	792		U
131-11-3	Dimethylphthalate	98	792		U
117-84-0	Di-n-octylphthalate	127	792		U
534-52-1	4,6-Dinitro-2-methylphenol	94	792		U
51-28-5	2,4-Dinitrophenol	115	792		U
121-14-2	2,4-Dinitrotoluene	106	792		U
606-20-2	2,6-Dinitrotoluene	102	792		U

SEMI-VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E2
 Lab Sample ID: 0405576
 File No.: S31306

Report Date: 06/17/2004
 % Solid: 83.3
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
206-44-0	Fluoranthene	102	792		U
86-73-7	Fluorene	101	792	2143	
118-74-1	Hexachlorobenzene	108	792		U
87-68-3	Hexachlorobutadiene	127	792		U
77-47-4	Hexachlorocyclopentadiene	98	792		U
67-72-1	Hexachloroethane	114	792		U
193-39-5	Indeno(1,2,3-cd)pyrene	113	792		U
78-59-1	Isophorone	114	792		U
91-57-6	2-Methylnaphthalene	114	792	22820	E
95-48-7	2-Methylphenol	130	792		U
106-44-5	4-Methylphenol *	119	792		U
91-20-3	Naphthalene	112	792	3716	
88-74-4	2-Nitroaniline	106	792		U
99-09-2	3-Nitroaniline	124	792		U
100-01-6	4-Nitroaniline	145	792		U
98-95-3	Nitrobenzene	115	792		U
88-75-5	2-Nitrophenol	115	792		U
100-02-7	4-Nitrophenol	107	792		U
621-64-7	N-Nitroso-di-n-propylamine	121	792		U
86-30-6	N-Nitrosodiphenylamine	113	792		U
87-86-5	Pentachlorophenol	144	792		U
85-01-8	Phenanthrene	107	792	5873	E
108-95-2	Phenol	114	792		U
129-00-0	Pyrene	120	792	594	J
120-82-1	1,2,4-Trichlorobenzene	109	792		U
95-95-4	2,4,5-Trichlorophenol	115	792		U
88-06-2	2,4,6-Trichlorophenol	113	792		U

SURROGATE RECOVERIES

2-Fluorophenol 23.8%
 Phenol-d5 28.7%
 Nitrobenzene-d5 38.9%

SURROGATE RECOVERIES

2-Fluorobiphenyl 41.0%
 2,4,6-Tribromophenol 28.9%
 Terphenyl-d14 44.2%

MDL = Method Detection Limit (corrected for dilution).

LOD = Limit of Detection equals the lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the LOD.

B = Compound is found in the associated blank.

E = Compound above the calibration; result estimated.

Comments: * 4-Methylphenol coelutes with 3-Methylphenol

SEMI-VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name:	M. West/M. Matthews	Report Date:	06/17/2004
Client Sample ID:	B/640 Elevator E2	% Solid:	83.3
Lab Sample ID:	0405576	Matrix:	Soil
Date/Time Sampled:	06/07/2004 1340	Dilution Factor:	10
Date/Time Received:	06/07/2004 1402	Date/Time Analyzed:	06/16/2004 1742
Date Extracted:	06/14/2004		
Location:	IBM East Fishkill	Analysts Initials:	MGM
File No.:	S31311	Method:	8270C
GC/MS Sample ID:	EF040607168	Samplers Initials:	JCM
Blank File No.:	S31303	COC:	44758

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
83-32-9	Acenaphthene	1068	7923		U
208-96-8	Acenaphthylene	1080	7923		U
120-12-7	Anthracene	1092	7923		U
56-55-3	Benzo(a)anthracene	1200	7923		U
50-32-8	Benzo(a)pyrene	1273	7923		U
205-99-2	Benzo(b)fluoranthene	1525	7923		U
191-24-2	Benzo(g,h,i)perylene	1333	7923		U
207-08-9	Benzo(k)fluoranthene	1369	7923		U
100-51-6	Benzyl Alcohol	1224	7923		U
111-91-1	bis(2-Chloroethoxy)methane	1188	7923		U
111-44-4	bis(2-Chloroethyl)ether	1140	7923		U
108-60-1	bis(2-Chloroisopropyl)ether	1068	7923		U
117-81-7	bis(2-Ethylhexyl)phthalate	1236	7923		U
101-55-3	4-Bromophenyl-phenyl ether	1152	7923		U
85-68-7	Butylbenzylphthalate	1116	7923		U
95-57-8	2-Chlorophenol	1188	7923		U
91-58-7	2-Chloronaphthalene	1200	7923		U
106-47-8	4-Chloroaniline	996	7923		U
59-50-7	4-Chloro-3-methylphenol	1212	7923		U
7005-72-3	4-Chlorophenyl-phenyl ether	912	7923		U
218-01-9	Chrysene	1080	7923		U
53-70-3	Dibenzo(a,h)anthracene	1044	7923		U
132-64-9	Dibenzofuran	1152	7923		U
84-74-2	Di-n-butylphthalate	1212	7923		U
95-50-1	1,2-Dichlorobenzene	1068	7923		U
541-73-1	1,3-Dichlorobenzene	1044	7923		U
106-46-7	1,4-Dichlorobenzene	1176	7923		U
91-94-1	3,3'-Dichlorobenzidine	2437	7923		U
120-83-2	2,4-Dichlorophenol	1164	7923		U
84-66-2	Diethylphthalate	1068	7923		U
105-67-9	2,4-Dimethylphenol	1405	7923		U
131-11-3	Dimethylphthalate	984	7923		U
117-84-0	Di-n-octylphthalate	1273	7923		U
534-52-1	4,6-Dinitro-2-methylphenol	936	7923		U
51-28-5	2,4-Dinitrophenol	1152	7923		U
121-14-2	2,4-Dinitrotoluene	1056	7923		U
606-20-2	2,6-Dinitrotoluene	1020	7923		U

SEMI-VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E2
 Lab Sample ID: 0405576
 File No.: S31311

Report Date: 06/17/2004
 % Solid: 83.3
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
206-44-0	Fluoranthene	1020	7923		U
86-73-7	Fluorene	1008	7923		U
118-74-1	Hexachlorobenzene	1080	7923		U
87-68-3	Hexachlorobutadiene	1273	7923		U
77-47-4	Hexachlorocyclopentadiene	984	7923		U
67-72-1	Hexachloroethane	1140	7923		U
193-39-5	Indeno(1,2,3-cd)pyrene	1128	7923		U
78-59-1	Isophorone	1140	7923		U
91-57-6	2-Methylnaphthalene	1140	7923	17920	
95-48-7	2-Methylphenol	1297	7923		U
106-44-5	4-Methylphenol *	1188	7923		U
91-20-3	Naphthalene	1116	7923	3243	J
88-74-4	2-Nitroaniline	1056	7923		U
99-09-2	3-Nitroaniline	1236	7923		U
100-01-6	4-Nitroaniline	1453	7923		U
98-95-3	Nitrobenzene	1152	7923		U
88-75-5	2-Nitrophenol	1152	7923		U
100-02-7	4-Nitrophenol	1068	7923		U
621-64-7	N-Nitroso-di-n-propylamine	1212	7923		U
86-30-6	N-Nitrosodiphenylamine	1128	7923		U
87-86-5	Pentachlorophenol	1441	7923		U
85-01-8	Phenanthrene	1068	7923	5188	J
108-95-2	Phenol	1140	7923		U
129-00-0	Pyrene	1200	7923		U
120-82-1	1,2,4-Trichlorobenzene	1092	7923		U
95-95-4	2,4,5-Trichlorophenol	1152	7923		U
88-06-2	2,4,6-Trichlorophenol	1128	7923		U

SURROGATE RECOVERIES

2-Fluorophenol 2.2%
 Phenol-d5 2.7%
 Nitrobenzene-d5 3.0%

SURROGATE RECOVERIES

2-Fluorobiphenyl 3.2%
 2,4,6-Tribromophenol 2.9%
 Terphenyl-d14 3.9%

MDL = Method Detection Limit (corrected for dilution).

LOD = Limit of Detection equals the lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the LOD.

B = Compound is found in the associated blank.

Comments: * 4-Methylphenol coelutes with 3-Methylphenol
 Surrogates diluted out.

SEMI-VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E3
 Lab Sample ID: 0405577
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Date Extracted: 06/14/2004
 Location: IBM East Fishkill
 File No.: S31307
 GC/MS Sample ID: EF040607170
 Blank File No.: S31303

Report Date: 06/17/2004
 % Solid: 91.3
 Matrix: Soil
 Dilution Factor: 1
 Date/Time Analyzed: 06/16/2004 1335
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
83-32-9	Acenaphthene	97	723	296	J
208-96-8	Acenaphthylene	99	723		U
120-12-7	Anthracene	100	723		U
56-55-3	Benzo(a)anthracene	110	723		U
50-32-8	Benzo(a)pyrene	116	723		U
205-99-2	Benzo(b)fluoranthene	139	723		U
191-24-2	Benzo(g,h,i)perylene	122	723		U
207-08-9	Benzo(k)fluoranthene	125	723		U
100-51-6	Benzyl Alcohol	112	723		U
111-91-1	bis(2-Chloroethoxy)methane	108	723		U
111-44-4	bis(2-Chloroethyl)ether	104	723		U
108-60-1	bis(2-Chloroisopropyl)ether	97	723		U
117-81-7	bis(2-Ethylhexyl)phthalate	113	723	187	J
101-55-3	4-Bromophenyl-phenyl ether	105	723		U
85-68-7	Butylbenzylphthalate	102	723		U
95-57-8	2-Chlorophenol	108	723		U
91-58-7	2-Chloronaphthalene	110	723		U
106-47-8	4-Chloroaniline	91	723		U
59-50-7	4-Chloro-3-methylphenol	111	723		U
7005-72-3	4-Chlorophenyl-phenyl ether	83	723		U
218-01-9	Chrysene	99	723		U
53-70-3	Dibenzo(a,h)anthracene	95	723		U
132-64-9	Dibenzofuran	105	723		U
84-74-2	Di-n-butylphthalate	111	723		U
95-50-1	1,2-Dichlorobenzene	97	723		U
541-73-1	1,3-Dichlorobenzene	95	723		U
106-46-7	1,4-Dichlorobenzene	107	723		U
91-94-1	3,3'-Dichlorobenzidine	222	723		U
120-83-2	2,4-Dichlorophenol	106	723		U
84-66-2	Diethylphthalate	97	723		U
105-67-9	2,4-Dimethylphenol	128	723		U
131-11-3	Dimethylphthalate	90	723		U
117-84-0	Di-n-octylphthalate	116	723		U
534-52-1	4,6-Dinitro-2-methylphenol	85	723		U
51-28-5	2,4-Dinitrophenol	105	723		U
121-14-2	2,4-Dinitrotoluene	96	723		U
606-20-2	2,6-Dinitrotoluene	93	723		U

SEMI-VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E3
 Lab Sample ID: 0405577
 File No.: S31307

Report Date: 06/17/2004
 % Solid: 91.3
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
206-44-0	Fluoranthene	93	723		U
86-73-7	Fluorene	92	723	393	J
118-74-1	Hexachlorobenzene	99	723		U
87-68-3	Hexachlorobutadiene	116	723		U
77-47-4	Hexachlorocyclopentadiene	90	723		U
67-72-1	Hexachloroethane	104	723		U
193-39-5	Indeno(1,2,3-cd)pyrene	103	723		U
78-59-1	Isophorone	104	723		U
91-57-6	2-Methylnaphthalene	104	723	2996	
95-48-7	2-Methylphenol	118	723		U
106-44-5	4-Methylphenol *	108	723		U
91-20-3	Naphthalene	102	723	445	J
88-74-4	2-Nitroaniline	96	723		U
99-09-2	3-Nitroaniline	113	723		U
100-01-6	4-Nitroaniline	133	723		U
98-95-3	Nitrobenzene	105	723		U
88-75-5	2-Nitrophenol	105	723		U
100-02-7	4-Nitrophenol	97	723		U
621-64-7	N-Nitroso-di-n-propylamine	111	723		U
86-30-6	N-Nitrosodiphenylamine	103	723		U
87-86-5	Pentachlorophenol	131	723		U
85-01-8	Phenanthrene	97	723	1026	
108-95-2	Phenol	104	723		U
129-00-0	Pyrene	110	723		U
120-82-1	1,2,4-Trichlorobenzene	100	723		U
95-95-4	2,4,5-Trichlorophenol	105	723		U
88-06-2	2,4,6-Trichlorophenol	103	723		U

SURROGATE RECOVERIES

2-Fluorophenol 38.9%
 Phenol-d5 45.3%
 Nitrobenzene-d5 39.8%

SURROGATE RECOVERIES

2-Fluorobiphenyl 49.7%
 2,4,6-Tribromophenol 53.9%
 Terphenyl-d14 59.9%

MDL = Method Detection Limit (corrected for dilution).

LOD = Limit of Detection equals the lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the LOD.

B = Compound is found in the associated blank.

Comments: * 4-Methylphenol coelutes with 3-Methylphenol

SEMI-VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E4
 Lab Sample ID: 0405578
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Date Extracted: 06/14/2004
 Location: IBM East Fishkill
 File No.: S31308
 GC/MS Sample ID: EF040607172
 Blank File No.: S31303

Report Date: 06/17/2004
 % Solid: 73.8
 Matrix: Soil
 Dilution Factor: 1
 Date/Time Analyzed: 06/16/2004 1429
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
83-32-9	Acenaphthene	121	894	1191	
208-96-8	Acenaphthylene	122	894		U
120-12-7	Anthracene	123	894	387	J
56-55-3	Benzo(a)anthracene	136	894		U
50-32-8	Benzo(a)pyrene	144	894		U
205-99-2	Benzo(b)fluoranthene	172	894		U
191-24-2	Benzo(g,h,i)perylene	150	894		U
207-08-9	Benzo(k)fluoranthene	154	894		U
100-51-6	Benzyl Alcohol	138	894		U
111-91-1	bis(2-Chloroethoxy)methane	134	894		U
111-44-4	bis(2-Chloroethyl)ether	129	894		U
108-60-1	bis(2-Chloroisopropyl)ether	121	894		U
117-81-7	bis(2-Ethylhexyl)phthalate	140	894	400	J
101-55-3	4-Bromophenyl-phenyl ether	130	894		U
85-68-7	Butylbenzylphthalate	126	894		U
95-57-8	2-Chlorophenol	134	894		U
91-58-7	2-Chloronaphthalene	136	894		U
106-47-8	4-Chloroaniline	112	894		U
59-50-7	4-Chloro-3-methylphenol	137	894		U
7005-72-3	4-Chlorophenyl-phenyl ether	103	894		U
218-01-9	Chrysene	122	894		U
53-70-3	Dibenzo(a,h)anthracene	118	894		U
132-64-9	Dibenzofuran	130	894		U
84-74-2	Di-n-butylphthalate	137	894		U
95-50-1	1,2-Dichlorobenzene	121	894		U
541-73-1	1,3-Dichlorobenzene	118	894		U
106-46-7	1,4-Dichlorobenzene	133	894		U
91-94-1	3,3'-Dichlorobenzidine	275	894		U
120-83-2	2,4-Dichlorophenol	131	894		U
84-66-2	Diethylphthalate	121	894		U
105-67-9	2,4-Dimethylphenol	159	894		U
131-11-3	Dimethylphthalate	111	894		U
117-84-0	Di-n-octylphthalate	144	894		U
534-52-1	4,6-Dinitro-2-methylphenol	106	894		U
51-28-5	2,4-Dinitrophenol	130	894		U
121-14-2	2,4-Dinitrotoluene	119	894		U
606-20-2	2,6-Dinitrotoluene	115	894		U

SEMI-VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E4
 Lab Sample ID: 0405578
 File No.: S31308

Report Date: 06/17/2004
 % Solid: 73.8
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
206-44-0	Fluoranthene	115	894		U
86-73-7	Fluorene	114	894	1592	
118-74-1	Hexachlorobenzene	122	894		U
87-68-3	Hexachlorobutadiene	144	894		U
77-47-4	Hexachlorocyclopentadiene	111	894		U
67-72-1	Hexachloroethane	129	894		U
193-39-5	Indeno(1,2,3-cd)pyrene	127	894		U
78-59-1	Isophorone	129	894		U
91-57-6	2-Methylnaphthalene	129	894	17270	E
95-48-7	2-Methylphenol	146	894		U
106-44-5	4-Methylphenol *	134	894		U
91-20-3	Naphthalene	126	894	2674	
88-74-4	2-Nitroaniline	119	894		U
99-09-2	3-Nitroaniline	140	894		U
100-01-6	4-Nitroaniline	164	894		U
98-95-3	Nitrobenzene	130	894		U
88-75-5	2-Nitrophenol	130	894		U
100-02-7	4-Nitrophenol	121	894		U
621-64-7	N-Nitroso-di-n-propylamine	137	894		U
86-30-6	N-Nitrosodiphenylamine	127	894		U
87-86-5	Pentachlorophenol	163	894		U
85-01-8	Phenanthrene	121	894	4424	
108-95-2	Phenol	129	894		U
129-00-0	Pyrene	136	894	300	J
120-82-1	1,2,4-Trichlorobenzene	123	894		U
95-95-4	2,4,5-Trichlorophenol	130	894		U
88-06-2	2,4,6-Trichlorophenol	127	894		U

SURROGATE RECOVERIES

2-Fluorophenol 12.8%
 Phenol-d5 15.1%
 Nitrobenzene-d5 19.0%

SURROGATE RECOVERIES

2-Fluorobiphenyl 19.6%
 2,4,6-Tribromophenol 14.3%
 Terphenyl-d14 17.1%

MDL = Method Detection Limit (corrected for dilution).

LOD = Limit of Detection equals the lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the LOD.

B = Compound is found in the associated blank.

E = Compound above the calibration; result estimated.

Comments: * 4-Methylphenol coelutes with 3-Methylphenol

SEMI-VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E4
 Lab Sample ID: 0405578
 Date/Time Sampled: 06/07/2004 1340
 Date/Time Received: 06/07/2004 1402
 Date Extracted: 06/14/2004
 Location: IBM East Fishkill
 File No.: S31312
 GC/MS Sample ID: EF040607172
 Blank File No.: S31303

Report Date: 06/17/2004
 % Solid: 73.8
 Matrix: Soil
 Dilution Factor: 10
 Date/Time Analyzed: 06/16/2004 1850
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: JCM
 COC: 44758

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
83-32-9	Acenaphthene	1206	8943		U
208-96-8	Acenaphthylene	1220	8943		U
120-12-7	Anthracene	1233	8943		U
56-55-3	Benzo(a)anthracene	1355	8943		U
50-32-8	Benzo(a)pyrene	1436	8943		U
205-99-2	Benzo(b)fluoranthene	1721	8943		U
191-24-2	Benzo(g,h,i)perylene	1504	8943		U
207-08-9	Benzo(k)fluoranthene	1545	8943		U
100-51-6	Benzyl Alcohol	1382	8943		U
111-91-1	bis(2-Chloroethoxy)methane	1341	8943		U
111-44-4	bis(2-Chloroethyl)ether	1287	8943		U
108-60-1	bis(2-Chloroisopropyl)ether	1206	8943		U
117-81-7	bis(2-Ethylhexyl)phthalate	1396	8943		U
101-55-3	4-Bromophenyl-phenyl ether	1301	8943		U
85-68-7	Butylbenzylphthalate	1260	8943		U
95-57-8	2-Chlorophenol	1341	8943		U
91-58-7	2-Chloronaphthalene	1355	8943		U
106-47-8	4-Chloroaniline	1125	8943		U
59-50-7	4-Chloro-3-methylphenol	1369	8943		U
7005-72-3	4-Chlorophenyl-phenyl ether	1030	8943		U
218-01-9	Chrysene	1220	8943		U
53-70-3	Dibenzo(a,h)anthracene	1179	8943		U
132-64-9	Dibenzofuran	1301	8943		U
84-74-2	Di-n-butylphthalate	1369	8943		U
95-50-1	1,2-Dichlorobenzene	1206	8943		U
541-73-1	1,3-Dichlorobenzene	1179	8943		U
106-46-7	1,4-Dichlorobenzene	1328	8943		U
91-94-1	3,3'-Dichlorobenzidine	2751	8943		U
120-83-2	2,4-Dichlorophenol	1314	8943		U
84-66-2	Diethylphthalate	1206	8943		U
105-67-9	2,4-Dimethylphenol	1585	8943		U
131-11-3	Dimethylphthalate	1111	8943		U
117-84-0	Di-n-octylphthalate	1436	8943		U
534-52-1	4,6-Dinitro-2-methylphenol	1057	8943		U
51-28-5	2,4-Dinitrophenol	1301	8943		U
121-14-2	2,4-Dinitrotoluene	1192	8943		U
606-20-2	2,6-Dinitrotoluene	1152	8943		U

SEMI-VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West/M. Matthews
 Client Sample ID: B/640 Elevator E4
 Lab Sample ID: 0405578
 File No.: S31312

Report Date: 06/17/2004
 % Solid: 73.8
 Matrix: Soil

CAS No.	Compound	MDL ug/kg	LOD ug/kg	Result ug/kg	Q
206-44-0	Fluoranthene	1152	8943		U
86-73-7	Fluorene	1138	8943		U
118-74-1	Hexachlorobenzene	1220	8943		U
87-68-3	Hexachlorobutadiene	1436	8943		U
77-47-4	Hexachlorocyclopentadiene	1111	8943		U
67-72-1	Hexachloroethane	1287	8943		U
193-39-5	Indeno(1,2,3-cd)pyrene	1274	8943		U
78-59-1	Isophorone	1287	8943		U
91-57-6	2-Methylnaphthalene	1287	8943	14643	
95-48-7	2-Methylphenol	1463	8943		U
106-44-5	4-Methylphenol *	1341	8943		U
91-20-3	Naphthalene	1260	8943		U
88-74-4	2-Nitroaniline	1192	8943		U
99-09-2	3-Nitroaniline	1396	8943		U
100-01-6	4-Nitroaniline	1640	8943		U
98-95-3	Nitrobenzene	1301	8943		U
88-75-5	2-Nitrophenol	1301	8943		U
100-02-7	4-Nitrophenol	1206	8943		U
621-64-7	N-Nitroso-di-n-propylamine	1369	8943		U
86-30-6	N-Nitrosodiphenylamine	1274	8943		U
87-86-5	Pentachlorophenol	1626	8943		U
85-01-8	Phenanthrene	1206	8943	3839	J
108-95-2	Phenol	1287	8943		U
129-00-0	Pyrene	1355	8943		U
120-82-1	1,2,4-Trichlorobenzene	1233	8943		U
95-95-4	2,4,5-Trichlorophenol	1301	8943		U
88-06-2	2,4,6-Trichlorophenol	1274	8943		U

SURROGATE RECOVERIES

2-Fluorophenol 0.0%
 Phenol-d5 0.0%
 Nitrobenzene-d5 0.0%

SURROGATE RECOVERIES

2-Fluorobiphenyl 0.0%
 2,4,6-Tribromophenol 0.0%
 Terphenyl-d14 0.0%

MDL = Method Detection Limit (corrected for dilution).

LOD = Limit of Detection equals the lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the LOD.

B = Compound is found in the associated blank.

Comments: * 4-Methylphenol coelutes with 3-Methylphenol
 Surrogates diluted out.

APPENDIX C
FIELD INVESTIGATIONS AND TESTING

APPENDIX C.1
SUMMARY OF FIELD EXPLORATION PROGRAM

APPENDIX C.1

SUMMARY OF FIELD EXPLORATION PROGRAM

Report of Findings, Investigation of Petroleum Release
Preferred Real Estate Property, Former IBM West Complex, East Fishkill, New York

1.0 Overview

Field explorations consisted of soil borings, installation of monitoring wells, sampling of monitoring wells, sub-slab sampling in the Building 640 Pipe Pit and sampling through a wall penetration in the Pipe Pit. The exploration work was completed in two Phases. Phase I was performed from February 6 through February 15, 2005 and included the completion of 18 soil borings, five of which were completed as monitoring wells. In addition soil was sampled from two locations within the Pipe Pit located inside B640. Phase II explorations, performed from March 27 through April 3, 2006 included the completion of ten (10) soil borings, two of which were completed as monitoring wells. Sampling of all monitoring wells installed for Phases I and II was accomplished from February 16 to April 27, 2006.

2.0 Soil Borings, Soil Sampling, and Well Installation

Soil Sampling and Analysis

All of the borings were initially advanced by hand augering and vacuum excavation to avoid damage to subsurface utilities. The vacuum excavation rig was a PresVac 3800 series 5,800 cubic feet per minute Powervac. Soil was vacuumed through flexible pipe with an approximately eight-inch diameter steel head pipe. When vacuuming was difficult, pry bars and air-knifing with compressed air was used to breakup soil and remove larger rocks. The hole was inspected frequently for the presence of potential utilities during advancement. At approximately 2-foot intervals, soil samples were acquired using a 3-inch diameter stainless steel hand auger. Vacuum excavation continued generally to refusal or to the presence of groundwater where further advancement using vacuum techniques became impractical.

The location designated "PIT1" is located beneath the B640 Pipe Pit floor and was accessed through rotary impact hammer drilling through the concrete slab and Macrocore[®] slide hammer sampling. The location designated "PIT2" was sampled through an existing unused pipe penetration in the B640 Pipe Pit using a 3-inch stainless steel hand auger.

Seven borings were completed as monitor wells. The seven locations completed as wells are designated as follows:

Boring/Exploration Number	Current Well Number	Initial Well Number (see explanation)
MW-1A	MW-426	MW-1A
MW-2	MW-427	MW-2
MW-3	MW-428	MW-3
MW-4	MW-429	MW-4
MW-5	MW-430	MW-5
SB-202	MW-431	

Boring/Exploration Number	Current Well Number	Initial Well Number (see explanation)
SB-207	MW-432.	
Explanation: The wells were re-numbered consistent with the current IBM well inventory numbering sequence for wells installed within the West Complex.		

Borings that required deepening due to refusal or to install monitoring wells were generally advanced beyond the depth of hand augering/vacuum excavation using a truck-mounted drill rig with 3 1/4-inch inner diameter hollow stem augers (HSA). Split spoon samples were acquired utilizing a 140-pound hammer falling 30 inches with the exception of locations SB-202 (well location MW-431) and SB-207 (well location MW-432). At these locations a 300-pound hammer was used in order to acquire samples from very stiff soils.

Well locations MW-431 (boring location SB-202) and MW-432 (boring location SB-207) were drilled from the elevation of vacuum excavation refusal to total depth through carbide-tipped tricone roller bit drilling and driving a 6-inch diameter temporary steel casing. Potable water was used for washing each hole of cuttings.

Well location MW-430 (boring location MW-5) required use of a Geoprobe® for deepening of the boring and well installation due to overhead clearance limitations. At this location soil samples were obtained using a 2" diameter Geoprobe® Macrocore® sampler.

With the exception of well MW-430, all wells constructed using of 2" diameter polyvinyl chloride (PVC). MW-430 was completed with 1" diameter PVC well. Slot size was 0.01-inch and screen lengths were 10-feet in length. With the exception of well location MW-431, all wells were completed with 6" diameter protective standpipe extending approximately 3-feet above ground surface. An 18" diameter sonotube filled with concrete anchor the steel standpipe to a depth of four feet below ground surface. Well MW-430 was completed as a flush-mounted 9" manhole. Additional details concerning well completion are provided on the Monitoring Well Logs provided in Appendix C.2.

Soil samples for laboratory analysis were collected at drilling locations at the discretion of the field geologist in consideration of visual (staining), olfactory (odor) or field screening (photoionization detector) evidence and in consideration of prior data recorded by WFC. Samples exhibiting direct evidence of petroleum presence were submitted for total petroleum hydrocarbon (TPH) fingerprinting. During the Phase I sampling event (February 6 through 15, 2006) some samples were also collected for Toxicity Characteristic Leaching Procedure (TCLP) testing. The results of this testing are presented in Appendix D. Several soil samples that exhibited no evidence of petroleum in soil were analyzed for total organic carbon (TOC).

Samples that were collected from borings completed as monitoring wells are prefixed “MW”¹. Samples collected from soil boring locations are prefixed “SB”.

Two soil samples were collected from within the Building 640 Pipe Pit. Sample PIT1 was collected at a depth of three to six feet beneath the floor slab of the Pit (estimated as 10 to 13 feet below ground surface). Sample “PIT2” was collected from the open pipe penetration in the sidewall of the Pit and consisted of soil within 2 feet of the pit exterior wall surface.

3.0 Groundwater Sampling

The monitoring wells were sited in consideration of the available data from WFC and field observations to provide locations to assess groundwater levels and quality conditions in the immediate vicinity of the Utility Manhole and B640 Pipe Pit.

With the exception of well location MW-432, all wells were sampled using polyethylene or Teflon bailers. Three well volumes were manually purged prior to sampling. At a minimum, groundwater parameters consisting of pH, temperature and conductivity were measured subsequent to purging.

Well MW-432 was sampled using a QED Well Wizard[®] dedicated bladder pump after removing several hundred gallons of water, an equivalent volume to that used in roller bit drilling into bedrock. The other wells were sampled by bailing.

Groundwater samples were collected for volatile organic compound analysis (VOC). In addition semivolatile organic compound (SVOC) samples were collected where sufficient water was produced during sampling. At those well locations that consistently contained sufficient water for sampling (all locations with the exceptions of locations MW-429 and MW-430) at least three rounds of sampling were completed. During the February 16, 2006 groundwater sampling event SHA also collected unfiltered samples of groundwater that were analyzed for Resource Conservation and Recovery Act (RCRA) metals as split samples concurrent with collection of samples for metals analysis by representatives of Roux Associates, Inc.

4.0 Field Screening

Field screening of soil samples was performed utilizing a photoionization detector (PID) equipped with a 10.6 eV lamp and calibrated to a 100 part per million by volume (ppmv) isobutylene-in-air standard with an instrument response factor setting of 1. Both PhotoVac and MiniRae instruments were utilized.

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¹ The boring at the MW-1 location was not completed as a well. Refusal was encountered at approximately 10.5 feet bgs. Between Phase I and Phase II activities, Phase I wells were redesignated to “400 series” wells to be consistent with the current IBM numbering system for the West Complex.

APPENDIX C.2
LOGS OF SOIL BORINGS



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Concrete drill/slide hammer

Sampling Method: Slide hammer probe

Drilling Company: Earth Technology

Foreman:

Date Started: 02/09/06

Date Finished: 02/09/06

Logged By: D. Iseri


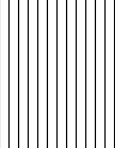
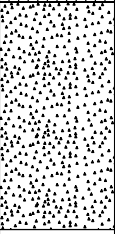
Checked By: D. Carr

Ground Elevation: ~269.2

Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'----- CONCRETE		Strong petroleum odor in soil.
							-----1'----- SILT FILL	S-1: Brown, SILT, some coarse Sand, little angular Gravel (subgrade aggregate). Moist.	
2	S-1	1.5	6	80					
							-----3'----- SAND FILL	S-2: Gray, medium SAND, some Silt. Moist.	Very strong petroleum/solvent odor. Soil sample S-2 was submitted for analytical laboratory analysis (see report text and tables for analytes).
4	S-2	3	10	90					
							-----6'-----	Macrocore refusal at 6 feet.	
6									
8									
10									
12									
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Hand Auger

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: Dan Maher

Date Started: 02/09/06

Date Finished: 02/09/06

Logged By: D. Iseri

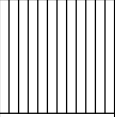
Checked By: D. Carr

Ground Elevation: 271

Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0	S-1	0			1.9		-----0'----- SILT FILL -----1.5'-----	S-1: Brown, Clayey SILT, some fine to medium Sand. Moist. Pieces of wood and medium Gravel also observed.	Soil next to pipe penetration through water. Soil sample S-1 was submitted for analytical laboratory analysis (see report text and tables for analytes).
2								Boring terminated at 1.5 feet. No refusal encountered.	
4								NOTES: 1. Samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.	
6									
8									
10									
12									
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology/Paratt-Wolff

Foreman: J. Geary

Date Started: 02/06/06

Date Finished: 02/07/06

Logged By: G. Morley

Checked By: D. Iseri

Ground Elevation: 274.5

Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/07/06	08:37	9'	Ground	N/A	24 hrs.

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2									
	S-1	3			0			S-1: Light brown, SILT, trace Sand, trace Gravel. Moist.	
4							SILT		
	S-2	5			0			S-2: Similar to above roots.	
6									
	S-3	7			0			S-3: Light brown, SILT, little fine to coarse Gravel, trace Sand. Moist.	
8							-----8'-----		
	S-4	9			12		SAND & GRAVEL	S-4: Gray, fine to coarse SAND, some fine to coarse Gravel, trace Silt. Wet. (oily sheen present on water in sample).	Soil sample S-4 was submitted for analytical laboratory analysis (see report text and tables for analytes). Pipe Fill
	S-5	9.5					-----9'----- TILL -----9.5'-----	S-5: Gray, Clayey SILT, little fine to coarse Sand, trace fine Gravel, (GLACIAL TILL). Wet.	
10								Boring terminated at 9.5 feet. No refusal encountered.	
12								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device.	
14								2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.	
16								3. Soils were transferred to a rolloff for disposal.	
18								4. Boring terminated at 9.5 feet due to groundwater withdrawal by vacuum.	
20									



Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation
Sampling Method: Hand Auger
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary
Date Started: 02/07/06
Logged By: D. Iseri

Date Finished: 02/07/06
Checked By: D. Carr

Ground Elevation: 272.0
Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/07/06	15:00	6'5"	Ground		

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----	Brown, GRAVEL, some Silt, little fine Sand, (FILL).	No sample retained.
2									
4	S-1	4			0		GRAVEL	S-1: Tan, GRAVEL, little Silt, little fine Sand. Moist. (FILL).	Water at 6' 5"; petroleum odor.
6									
7	S-2	7			13		-----7'-----	S-2: Gray, GRAVEL, some fine Sand, some Clayey Silt. Wet. Boring terminated at 7 feet. No refusal encountered.	Soil sample S-2 was submitted for analytical laboratory analysis (see report text and tables for analytes). End of excavation sampling 15:40 hours
8									
10									
12									
14									
16									
18									
20									



Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation
Sampling Method: Hand Auger
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary
Date Started: 02/07/06
Logged By: D. Iseri

Ground Elevation: 271.9
Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Date Finished:
Checked By: D. Carr

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----	S-1: Brown, fine to medium GRAVEL, some fine to medium Sand, trace Silt. Moist.	Fill from 0 - 2.5'
2	S-1	2.5			0		GRAVEL FILL		
4									
6							-----6.5'-----	Electric line encountered at 6.5 feet. Terminated drilling hole. Boring terminated at 7 feet. No refusal encountered.	No evidence of any damage collected. No samples.
8								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.	
10									
12									
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology/Paratt-Wolff

Foreman: J. Geary

Date Started: 02/08/06

Date Finished: 02/08/06

Logged By: D. Iseri

Checked By: D. Carr

Ground Elevation: 273.6

Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/08/06	12:00	~10	Ground	N/A	

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			0			S-1: Brown, Clayey SILT, some fine to coarse Sand, trace fine Sand. Moist.	
4	S-2	4.3			0		SILT	S-2: Tan, SILT, some fine Gravel, little fine Sand. Dry.	
6									
8									
9	S-3	9.5			0		-----9'----- SAND		
9.5							-----9.5'-----		
10	S-4	10.2					TILL -----10.2'-----	S-3: Gray, fine to medium SAND, some angular fine Gravel, little Silt. Moist. S-4: Loose, tan, SILT, some fine Gravel, trace fine to medium Sand. Dense/rocky conditions refusal at 10.2 feet.	Soil sample S-4 was submitted for analytical laboratory analysis (see report text and tables for analytes).
12								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device.	
14								2. Samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.	
16								3. Soil sample S-4 was submitted for analytical laboratory analysis (see report text and tables for analytes).	
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology/Paratt-Wolff

Foreman: J. Geary

Date Started: 02/08/06

Date Finished: 02/08/06

Logged By: D. Iseri

Checked By: D. Carr

Ground Elevation: 274.0

Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/08/06	16:00	~2.8	Ground	N/A	

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2									
4	S-1	3.25			0		SILT	S-1: Brown, Clayey SILT, trace fine Sand, trace fine Gravel. Moist.	
6	S-2	6			0			S-2: Brown, SILT, some fine to medium Gravel, little Clay. Moist.	Appears to be reworked Glacial Till that has been used as Soil Fill
8	S-3	7.8			4		-----7.8'----- SAND FILL	S-3: Gray, fine to medium SAND, some coarse Sand, and fine Gravel, trace Silt. Wet. Boring terminated at 7.8 feet. No refusal encountered.	Petroleum odor. This material is Pipe Fill Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes).
10								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device.	
12								2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.	
14								3. Boring terminated at 7.8 feet due to groundwater withdrawal by vacuum.	
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/09/06

Date Finished: 02/09/06

Logged By: G. Morley

Checked By: D. Iseri

Ground Elevation: 274.5

Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			0			S-1: Brown, SILT, some fine to coarse Gravel, little fine to coarse Sand, with roots. Moist.	
4									
6	S-2	6.5			0		SILT	S-2: Similar to S1.	
8	S-3	7.5			0			S-3: Similar to S1.	
10	S-4	9.5			0		-----9.5'----- TILL	S-4: Similar to S1. Wet. Dense/rocky conditions refusal at 9.5 feet.	Likely natural TILL
12								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. No samples were submitted for laboratory analysis. 4. Boring terminated at 9.5 feet without encountered refusal.	
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/13/06

Date Finished: 02/13/06

Logged By: D. Iseri

Checked By: D. Carr

Ground Elevation: 272.7

Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/13/06	12:00	9.0'	Ground		

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			0			S-1: Brown, SILT, some fine Sand, little fine to medium Gravel. Moist.	Very rocky, slow advancement to 6.5'
4							SANDY SILT FILL		
6									
8	S-2	7.5			0		-----7.5'-----	S-2: Brown, Clayey SILT, some fine to medium angular Gravel. Moist.	
							GLACIAL TILL		
	S-3	9					-----9'-----	S-3: Tan, SILT, some Clay, little fine to medium Sand, and fine Gravel. Wet. Boring terminated at 9 feet. No refusal encountered.	Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes).
10									
12								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Boring terminated at 9 feet due to groundwater withdrawal by vacuum.	
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/13/06

Logged By: D. Iseri

Date Finished: 02/13/06

Checked By: D. Carr

Ground Elevation: 274.3

Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			0			S-1: Brown, SILT, some fine Sand, little fine Gravel, little Clay. Moist.	
4							SILTY FILL		
6	S-2	6			0			S-2: Brown, SILT, some fine Sand, little Clay. Moist.	
8									
10	S-3	9			0		-----9'-----	S-3: Brown, Clayey SILT, some angular fine to medium Gravel, Moist to Wet.	
10							GLACIAL TILL		
12	S-4	10.7			0		-----10.7'-----	S-4: Brown, Clayey SILT, some Clay, some fine Sand, little coarse Sand. Wet. Boring terminated at 10.7 feet. No refusal encountered.	Soil sample S-4 was submitted for analytical laboratory analysis (see report text and tables for analytes).
14								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Boring terminated at 10.7 feet due to groundwater withdrawal by vacuum.	
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/13/06

Date Finished: 02/13/06

Logged By: D. Iseri

Checked By: D. Carr

Ground Elevation: 274.7

Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			0			S-1: Brown, SILT, some fine Sand, little, angular fine Gravel, little Clay. Moist.	
4									
6	S-2	6			0		SILT with Sand	S-2: Brown, SILT, some fine Sand, some angular fine to medium Gravel. Moist.	Warm soil, Fill, likely near hot water pipe. No pipe fill seen
8									
10	S-3	9.7			0		-----9.7'----- SAND PIPE BACKFILL	S-3: Gray to brown, fine to medium SAND, some Silt, and fine Gravel, trace Clay. Wet. Boring terminated at 9.7 feet. No refusal encountered.	Looks like pipe backfill. No real odor. Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes). Tried to vac deeper, sucking in Sand, hole terminated
12								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Boring terminated at 9.7 feet due to groundwater withdrawal by vacuum.	
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/14/06

Logged By: D. Iseri

Date Finished: 02/15/06

Checked By: D. Carr

Ground Elevation: 275.9

Datum: NGVD, 1929

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			1			S-1: Brown, Clayey SILT, some fine Sand, trace fine Gravel. Moist.	Fill, warm near hot water line
4							SILT		
6	S-2	6			1			S-2: Brown, Clayey SILT, some fine Gravel, little fine Sand. Moist.	Fill, warm
8									
10	S-3	10			2		-----10'----- SAND PIPE FILL	S-3: Gray, medium SAND, some Silt, trace fine and medium Gravel, trace Silt. Moist.	Pipe Fill warm. With duplicate SB-110S3, SB-110S3D. Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes).
12							-----12'-----		
14	S-4	13			0		TILL	S-4: Brown, Clayey SILT, some fine to medium Gravel, trace fine Sand. Moist. Boring terminated at 13 feet. No refusal encountered.	TILL, natural warm
16								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Terminated boring at 13 feet natural material encountered.	
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/15/06

Date Finished: 02/15/06

Logged By: D. Iseri

Checked By: D. Carr

Ground Elevation: 271.4

Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/15/06	00:00	8'	Ground		

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2.5			0		SILT with some Sand	S-1: Brown to tan, Clayey SILT, some coarse Sand, trace fine Sand. Moist.	
4									
6	S-2	6			0.1		-----6'----- Silty FILL	S-2: Tan to orange mottled, SILT, some fine Gravel, trace fine Sand. Moist.	
8	S-3	8			0		-----8'-----	S-3: Tan to orange mottled, SILT, some fine to medium Gravel, trace fine Sand. Wet. (GLACIAL TILL). Boring terminated at 8 feet. No refusal encountered.	Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes).
10								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Boring terminated at 8 feet due to groundwater withdrawal by vacuum.	
12									
14									
16									
18									
20									



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 02/15/06

Logged By: D. Iseri

Date Finished: 02/15/06

Checked By: D. Carr

Ground Elevation: 272.6

Datum: NGVD, 1929

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/15/06	15:30	7.5'	Ground		

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6"	Pen/ Rec (in.)	PID Values (ppm)	Log	Description		
0							-----0'-----	S-1: Brown, Clayey SILT, some fine to medium Gravel, trace Sand. Moist.	
2	S-1	2.5			0				
4							SILT		
6	S-2	5			0			S-2: Brown, Clayey SILT, some fine to medium Gravel, trace Clay, trace fine Sand. Moist.	
8	S-3	7.5			0		-----7.5'-----	S-3: Tan, SILT, some fine to medium Gravel, some Clay, trace fine Sand. Wet. Boring terminated at 7.5 feet. No refusal encountered.	Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes).
10							GLACIAL TILL	NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device.	
12								2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.	
14								3. Boring terminated at 7.5 feet due to groundwater withdrawal by vacuum.	
16									
18									
20									



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S.Butres
Date Started: 03/27/06 Date Finished: 03/30/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 273.4 feet

Datum: IBM Plant Datum

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2 - 3	GRAB		0		FILL	S-1: Tan, SILT, little fine to coarse Gravel, trace coarse Sand. Moist.	
4	S-2	4 - 5	GRAB		0			S-2: Tan, SILT, trace coarse Sand, trace Gravel. Moist.	
6	S-3	6 - 7	GRAB		0			S-3: Tan, SILT, little fine Gravel, trace coarse Sand. Moist.	
8	S-4	8 - 9	GRAB		0		-----7'----- GLACIAL TILL	S-4: Tan, Clayey SILT, little Gravel, trace coarse Sand, trace Roots. Moist.	
10									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 06/21/06




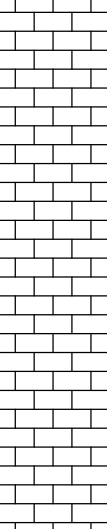
Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S.Butres
Date Started: 03/27/06 Date Finished: 03/30/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 273.4 feet

Datum: IBM Plant Datum

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
10	S-5	10 - 10.5	GRAB		0		GLACIAL TILL	S-5: Similar to S-4.	HSA starting with S-6.
							-----10.8'-----		
12	S-6	12 - 14	3 12 24 22	24/12			Highly Weathered LIMESTONE	S-6: Pulverized LIMESTONE. Dry.	
14	S-7	14 - 14.4	100/5"	5/5	0		-----14.4'-----	S-7: Highly fractured LIMESTONE with 2" of Clay & Silt fracture filling.	
								Boring terminated at 14.4 feet upon refusal.	
								NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Sample S-5 was submitted for laboratory analyses (refer to text and tables for analyses). 4. Split spoon samples were collected using a 300 pound hammer.	
16									
18									
20									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S. Butres

Date Started: 03/29/06

Logged By: G. Morley

Date Finished: 03/31/06

Checked By: DBC/DAI

Ground Elevation: 275.31 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	07:55	>14	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2 - 3	GRAB		0			S-1: Brown, Clayey SILT, little fine to coarse Sand, little Gravel. Moist.	
4	S-2	4 - 5	GRAB		0		FILL	S-2: Olive brown, SILT & CLAY, little fine to coarse Sand, trace Gravel. Moist.	
6	S-3	6 - 7	GRAB		0			S-3: Similar to S-2, except little Gravel. Moist.	
8									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S. Butres

Date Started: 03/29/06

Logged By: G. Morley

Date Finished: 03/31/06

Checked By: DBC/DAI

Ground Elevation: 275.31 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	07:55	>14	Ground Surface		3 days

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
8	S-4	8 - 9	GRAB		0		-----8'-----	S-4: Tan, Clayey SILT, little Gravel, trace coarse Sand. Moist.	
10	S-5	10 - 11	GRAB		0			S-5: Red brown, Clayey SILT, some Gravel, trace fine to coarse Sand. Moist.	
12							GLACIAL TILL		
14	S-6	13.5 - 14.5	GRAB		0			S-6: Brown, Clayey SILT, little Gravel, trace fine to coarse Sand. Moist.	
16	S-7	15 - 16	GRAB		1			S-7: Similar to S-6, except some Gravel.	




Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S.Butres
Date Started: 03/29/06 Date Finished: 03/31/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 275.31 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	07:55	>14	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
16	S-8	16 - 17	1 2	15/12	75		GLACIAL TILL	S-8: Soft, red brown, CLAY & SILT, little fine to coarse Sand, trace Gravel. Moist. Exhibits green-grey discoloration.	Switched to HSA for sample S-8
	S-8A	17 - 17.2	100/3"		108		-----17.2'-----	S-8A: Highly weathered buff LIMESTONE. Moist. Boring terminated at 17.2 feet due to Split spoon refusal.	
18								NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Sample S-8 was submitted for laboratory analyses (refer to text and tables for analyses).	
20									
22									
24									



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 03/28/06

Logged By: G. Morley

Date Finished: 03/28/06

Checked By: DBC/DAI

Ground Elevation: 275.5 feet

Datum: IBM Plant Datum

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2 - 3	GRAB		0			S-1: Brown, Clayey SILT, some fine to coarse Sand, little Gravel, trace Roots. Moist.	
4								BOULDERS and COBBLES - 4 feet to 7 feet.	
6							FILL		
8	S-2	8 - 9	GRAB		54			S-2: Tan, Clayey SILT, little medium to coarse Sand, little Gravel. Moist. (Petroleum odor).	
10	S-3	9.5 - 10.5	GRAB		53			S-3: Mottled tan, Clayey SILT, some Gravel, little fine to coarse Sand. Moist.	

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 03/28/06

Logged By: G. Morley

Date Finished: 03/28/06

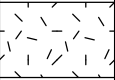
Checked By: DBC/DAI

Ground Elevation: 275.5 feet

Datum: IBM Plant Datum

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
10							FILL		
							-----10.5'-----	Boring terminated at 10.5 feet due to refusal.	
								NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Sample S-3 was submitted for laboratory analyses (refer to text and tables for analyses).	
12									
14									
16									
18									
20									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 03/28/06

Logged By: G. Morley

Date Finished: 03/28/06

Checked By: DBC/DAI

Ground Elevation: 275.2 feet

Datum: IBM Plant Datum

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2 - 3	GRAB		0			S-1: Tan, Clayey SILT, little Gravel, trace coarse Sand. Moist.	
4	S-2	4 - 5	GRAB		0			S-2: Tan, Clayey SILT, little Gravel, little medium to coarse Sand. Moist.	
6	S-3	6 - 7	GRAB		0		FILL	S-3: Tan, Clayey SILT, little Gravel, trace medium to coarse Sand. Moist.	
8									
10									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation

Sampling Method: Hand Auger

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 03/28/06

Logged By: G. Morley

Date Finished: 03/28/06

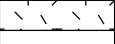
Checked By: DBC/DAI

Ground Elevation: 275.2 feet

Datum: IBM Plant Datum

Groundwater Readings

Date Time Depth to Water Ref. Pt. Depth of Casing Stab. Time

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
10	S-4	10 - 10.2	GRAB		57		FILL 10.2	S-4: Mottled grey, Clayey SILT, some fine to coarse Sand, little Gravel. Wet. (Petroleum odor). Boring terminated at 10.2 feet at refusal of vacuum excavation devices. NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Sample S-4 was submitted for laboratory analyses (refer to text and tables for analyses).	
12									
14									
16									
18									
20									



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S. Butres

Date Started: 03/27/06

Logged By: G. Morley

Date Finished: 03/30/06

Checked By: DBC/DAI

Ground Elevation: 274.86 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	08:00	>12'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2 - 3	GRAB		0				
4	S-2	4 - 5	GRAB		0				
6									
8	S-3	7 - 8	GRAB		0				
10									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S. Butres

Date Started: 03/27/06

Logged By: G. Morley

Date Finished: 03/30/06

Checked By: DBC/DAI

Ground Elevation: 274.86 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	08:00	>12'	Ground Surface		3 days

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
10	S-4 S-5	10 - 11 10 - 12	GRAB 3 3 3 4	24/24	0			S-4: Brown/tan, SILT, some fine to medium Sand, trace Clay, trace Gravel. Moist.	Switched to HSA at S-5, S-4/S-5 overlap
								S-5: Similar to S-4.	
12	S-6	12 - 14	4 4 4 4	24/24	0		GLACIAL TILL	S-6: Similar to S-4.	
14	S-7	14 - 16	1 1 1 1	24/19	0			S-7: Very soft, red brown, SILT & CLAY, trace coarse Sand. Moist.	
16	S-8	16 - 17	2 2	24/16	1		-----16'-----	S-8: Similar to S-7. Moist.	
	S-8A	17 - 18	3 3		108		Red Brown GLACIAL TILL	S-8A: Becomes wet at 17 ft. with apparently slightly stained soil at 17.5'. (Moderate petroleum odor).	
18	S-9	18 - 19.3	1 1	24/17	73			S-9: Similar to S-7 with bands of staining from 18.5 - 19.3'. Moist.	
	S-9A	19.3 - 20	8 4		2		-----19.3'----- Highly Weathered LIMESTONE	S-9A: Heavily weathered LIMESTONE. Moist.	
20									



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S.Butres

Date Started: 03/27/06

Logged By: G. Morley

Date Finished: 03/30/06

Checked By: DBC/DAI

Ground Elevation: 274.86 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	08:00	>12'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
20	S-10	20 - 20.6	80 100/1"	24/9			Highly Weathered LIMESTONE -----20.6'-----	S-10: Similar to S-9A, Moist. Boring terminated at 20.6 feet.	
22								NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Sample S-8A was submitted for laboratory analyses (refer to text and tables for analyses).	
24									
26									
28									
30									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S.Butres
Date Started: 03/27/06 Date Finished: 03/31/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 275.6 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	07:50	>12.7'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2									
4	S-1	3 - 4	GRAB		0			S-1: Tan, Clayey SILT, little Gravel, trace coarse Sand, trace Roots. Moist.	
6	S-2	5 - 6	GRAB		0			S-2: Similar to S-1.	
8								(COBBLES from 6 to 9 feet).	

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 03/31/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 275.6 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	07:50	>12.7'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
8							FILL		
	S-3	9 - 10	GRAB		0		-----9'----- Pipe Trench Backfill	S-3: Brown, fine to coarse SAND, little Gravel, trace, Clay and Silt. Moist.	
10							-----10'-----		
	S-4	11 - 11.3	GRAB		0			S-4: Tan, Clayey SILT, little Gravel, little fine to coarse Sand. Moist.	
12	S-5	12 - 14	6 8 8 10	24/24	0			S-5: Medium dense, tan to red brown, SILT & CLAY. some phyllite Schist clasts, trace fine to coarse Sand. Moist.	Switched to HSA @ S-5
							FILL		
14	S-6	14 - 16	13 9 4 11	24/21	0			S-6: Similar to S5 with phyllite Schist cobble from 14.3 to 14.8 feet. Moist.	
16									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S. Butres

Date Started: 03/27/06

Logged By: G. Morley

Date Finished: 03/31/06


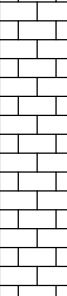

Checked By: DBC/DAI

Ground Elevation: 275.6 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/03/06	07:50	>12.7'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
16	S-7	16 - 16.3	100/4"	4/4	0		FILL	S-7: Very dense, tan to red-brown, Clayey SILT, some fine to coarse Sand, little Gravel. Dry. (Augered through rock to 18 feet).	
							LIMESTONE Bedrock		
18	S-8	18 - 18.1	100/1"	1/1	0			S-8: Pulverized LIMESTONE. Dry. Boring terminated at 18.1 feet.	<p>NOTES:</p> <p>1. Grab samples were collected with a stainless steel hand auger.</p> <p>2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs.</p> <p>3. Samples S-3 and S-6 were submitted for laboratory analyses (refer to text and tables for analyses).</p>
20									
22									
24									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary
Date Started: 03/29/06 Date Finished: 03/31/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 271.1 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
03/30/06	14:00	>16'	Ground Surface		1 day
04/13/06	19:40	>14.7'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
0							-----0'-----		
2	S-1	2 - 3	GRAB		0		FILL	S-1: Brown, SILT & CLAY, trace Gravel. Moist.	
4	S-2	4 - 5	GRAB		0			S-2: Tan, Clayey SILT, trace Gravel. Moist.	
6	S-3	6 - 7	GRAB		0		-----6'----- GLACIAL TILL	S-3: Tan, SILT & CLAY, trace Gravel, trace fine to coarse Sand. Moist.	
8									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06

Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 03/29/06

Logged By: G. Morley

Date Finished: 03/31/06


Checked By: DBC/DAI

Ground Elevation: 271.1 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
03/30/06	14:00	>16'	Ground Surface		1 day
04/13/06	19:40	>14.7'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
8	S-4	8 - 9	GRAB		0		GLACIAL TILL	S-4: Tan, SILT & CLAY, trace fine Gravel, trace fine to coarse Sand. Moist.	
10	S-5	10 - 11	GRAB		0			S-5: Tan, CLAY & SILT, little fine to coarse Sand, trace Gravel. Moist.	
12	S-6	12 - 13	GRAB		0			S-6: Similar to S5.	
14	S-7	14 - 15	GRAB		0			-----14'----- Red Brown GLACIAL TILL	
16									

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary

Date Started: 03/29/06

Logged By: G. Morley

Date Finished: 03/31/06



Checked By: DBC/DAI

Ground Elevation: 271.1 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
03/30/06	14:00	>16'	Ground Surface		1 day
04/13/06	19:40	>14.7'	Ground Surface		3 days

Depth (ft)	Sample Information					Stratum		Geologic Description	Remarks
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description		
16	S-8	16 - 17	GRAB		0		Red Brown GLACIAL TILL	S-8: Red brown, CLAY & SILT, some fine to coarse Gravel, (weathered Limestone).	
18	S-9	18 - 18.3	100/4"	4/10	0		-----18.3'-----	S-9: Very dense, buff, disintegrated LIMESTONE. Dry.	Switched to HSA for S-9
								Boring terminated at 18.3 feet at refusal.	
								NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Sample S-9 was submitted for laboratory analyses (refer to text and tables for analyses).	
20									
22									
24									

LOG OF BORING 2618 PHASE II.GPJ 03/15/06 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 06/21/06

Project: AOC-1, Phase II

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 3/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology

Foreman: J. Geary/S.Butres

Date Started: 03/29/06

Date Finished: 03/31/06

Logged By: G. Morley

Checked By: DBC/DAI

Ground Elevation: 271.09 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/13/06	07:45	>8.7'	Ground Surface		3 days

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LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06

APPENDIX C.3
MONITORING WELL LOGS



Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 1/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology/Paratt-Wolff

Foreman: J. Geary/D. Thoma

Date Started: 02/08/06

Date Finished: 02/09/06

Logged By: G. Morley

Checked By: D. Iseri

Ground Elevation: 274.4 feet

TOC Elevation: 276.63 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/16/06	15:09	10.96'	Top of Casing	20.12'	

LOG OF BORING 2618 AOC PHASE I.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 08/08/06

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
-2										
0							-----0'-----			
2										Locking Steel Guard Pipe Set in Concrete (-2.3 to 4')
4										2" I.D. Schedule 40 PVC Riser (-2.3 to 8')
6							FILL			Bentonite Seal (4 to 6')
8	S-1	8 - 10	2 3 3 6	24/11	14			S-1: Medium stiff, SILT & CLAY, little fine to coarse Sand, little Gravel. Moist.		
10	S-2	10 - 12	8 15 21 32	24/19	70			S-2: Hard, SILT & CLAY, little fine to coarse Sand, little fine Gravel. Wet.		
12	S-3	12 - 12.9	43 50/.4	15/15	18		-----11.5'-----	S-3: Hard, SILT & CLAY, little fine to coarse Sand, trace Gravel. Wet.		#0 U.S. Silica Filter Sand (6 to 18')
14	S-4	14 - 15.2	38 46 50/.2	26/11	0		GLACIAL TILL	S-4: Hard, SILT, little fine to coarse Sand, little fine to coarse Gravel. Moist.		2" I.D. (0.01" - slot) PVC Well Screen (8 to 18')
16	S-5	16 - 16.9	42 50/.4	11/10	1			S-5: Moist.		





Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 1/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary/D. Thoma
Date Started: 02/08/06 Date Finished: 02/09/06
Logged By: G. Morley Checked By: D. Iseri

Ground Elevation: 274.4 feet
TOC Elevation: 276.63 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/16/06	15:09	10.96'	Top of Casing	20.12'	

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
18	S-6	18 - 18.2	50/2	2/0	---		GLACIAL TILL -----18.2-----	S-6: Boring terminated at 18.2 feet		
20								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device.		
22								2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm.		
24								3. No soil samples were submitted for laboratory analysis.		
26										
28										
30										
32										
34										
36										



Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 1/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary/G. Lansing
Date Started: 02/07/06 Date Finished: 02/07/06
Logged By: G. Morley Checked By: D. Iseri

Ground Elevation: 271.7 feet
TOC Elevation: 273.45 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/16/06	12:10	8.1'	Top of Casing	20.23'	

LOG OF BORING 2618 AOC PHASE I.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 08/08/06

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/Rec (in)	PID/FID Values (ppm)	Log	Description			
-2										
0						-----0'----- TOPSOIL				6" I.D. Locking Steel Guard Pipe Set in Concrete (-3 to 4')
2	S-1				0	-----1'----- FILL		S-1: Clayey SILT and fine to coarse Gravel, little fine to coarse Sand. Wet.		2" I.D. Schedule 40 PVC Riser (0 to 4')
4										
6	S-2				0	-----5.5'----- SILT		S-2: Clayey SILT. Moist.		Bentonite Seal (4 to 6')
8	S-3				0	-----7.2'----- FILL		S-3: SILT & CLAY, little fine to coarse Sand, trace Gravel. Moist.		
8	S-4	8 - 9.7	5 10 10 50/2	20/0	0			S-4: Wet.		
10	S-5	10 - 12	10 22 26 31	24/20	1	-----10'----- GLACIAL TILL		S-5: Hard, SILT, little Gravel, trace Sand. Moist.		#0 U.S. Silica Filter Sand (6 to 19.3') 2" I.D. (0.01" - slot) PVC Well Screen (8 to 18')
12	S-6	12 - 12.5	50/5	6/12	1			S-6:		
14	S-7	14 - 15.3	26 38 50/3	15/12	1			S-7:		
16	S-8	16 - 16.4	50/4	5/0	1			S-8:		




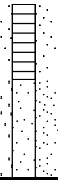
Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 1/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary/G. Lansing
Date Started: 02/07/06 Date Finished: 02/07/06
Logged By: G. Morley Checked By: D. Iseri

Ground Elevation: 271.7 feet
TOC Elevation: 273.45 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/16/06	12:10	8.1'	Top of Casing	20.23'	

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
18	S-9	18 - 19.3	26 40 50/.3	16/12	1		GLACIAL TILL	S-9: Hard, SILT, little fine Gravel, little fine to coarse Sand.		
20							-----19.3'-----	Boring terminated at 19.3 feet		
22								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes). 4. Encountered auger refusal at 9.7 ft. moved location 9 ft. to north and continued logging from 10 ft. bgs. 5. Vacuum excavated to 7.3.		
24										
26										
28										
30										
32										
34										
36										



Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 1/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary/D. Thoma
Date Started: 02/07/06 Date Finished: 02/08/06
Logged By: G. Morley Checked By: D. Iseri

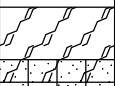
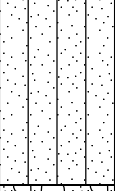








Ground Elevation: 271.8 feet
TOC Elevation: 274.42 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/16/06	14:00	12.92'	Top of Casing	20.67'	

LOG OF BORING 2618 AOC PHASE I.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 08/08/06

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
-2										
0	S-1				0		-----0'----- TOPSOIL -----1'-----	S-1: SILT. Moist.		
2	S-2				0		SILT with SAND & GRAVEL FILL	S-2: SILT, little fine to coarse Sand, little fine to coarse Gravel. Moist.		2" I.D. Schedule 40 PVC Riser (0 to 4')
4	S-3				0		-----3.5'-----	S-3: SILT, little fine to coarse Gravel, trace Sand. Moist. (weathered and oxidized).		6" I.D. Locking Steel Guard Pipe Set in Concrete (-2.7 to 9')
6										Sand (4 to 5')
8	S-4				0			S-4: Clayey SILT, little fine to coarse Gravel, trace Sand. Moist.		Bentonite Seal (5 to 7')
10	S-5	8 - 10	3 2 2 2	24/14	0			S-5: Medium stiff, SILT, little fine to coarse Sand, trace fine Sand. Moist.		
12	S-6	10 - 12	3 5 8 15	24/19	1		GLACIAL TILL	S-6:		
14	S-7	12 - 14	16 16 25 32	24/17	1			S-7:		
16	S-8	14 - 16	31 37 42 46	24/21	1			S-8:		2" I.D. (0.01" - slot) PVC Well Screen (9 to 19') #0 U.S. Silica Filter Sand (7 to 22.4')
	S-9	16 - 16.3	50/3	4/9	1			S-9:		






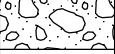
Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 1/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary/D. Thoma
Date Started: 02/07/06 Date Finished: 02/08/06
Logged By: G. Morley Checked By: D. Iseri

Ground Elevation: 271.8 feet
TOC Elevation: 274.42 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/16/06	14:00	12.92'	Top of Casing	20.67'	

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
18	S-10	18 - 20	21 36 39 25	24/13	1			S-10:		
20	S-11	20 - 22	10 40 28 50	24/13	1		GLACIAL TILL	S-11: Wet.		
22	S-12	22 - 22.4	50/4	4/0			-----22.4'-----	S-12: Boring terminated at 22 feet		
24								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. Soil sample S-4 was submitted for analytical laboratory analysis (see report text and tables for analytes).		
26										
28										
30										
32										
34										
36										

LOG OF BORING 2618 AOC PHASE I.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 08/08/06

Project: AOC-1, Phase I

Location: East Fishkill, NY

SHA Project No.: 2618.00

Drilling Method: Vacuum Excavation/ 3 1/4" HSA

Sampling Method: Hand Auger/Split Spoon

Drilling Company: Earth Technology/Paratt-Wolff

Foreman: J. Geary/D. Thoma

Date Started: 02/07/06

Date Finished: 02/08/06

Logged By: G. Morley

Checked By: D. Iseri

Ground Elevation: 274.8 feet

TOC Elevation: 277.62 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/08/06	11:11	17.5'	Ground	20'	0 hrs.
02/16/06	09:00	21.92'	Top of Casing	21.47'	

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/Rec (in)	PID/FID Values (ppm)	Log	Description			
-2										
0							-----0'-----			
2	S-1				0		FILL	S-1: SILT & CLAY, little fine Gravel, trace Sand. Moist.		2" I.D. Schedule 40 PVC Riser (0 to 3')
4	S-2				0			S-2:		
6										6" I.D. Locking Steel Guard Pipe Set in Concrete (-2.9 to 12') Cement Grout (3 to 8')
8							-----7'-----			
10										Bentonite Seal (8 to 10')
12	S-3				0		GLACIAL TILL	S-3: Clayey SILT, little fine Gravel, trace fine Sand. Moist.		#0 U.S. Silica Filter Sand (10 to 12')
14	S-4	14 - 16	5 14 22 25	24/15	0			S-4: Hard, SILT, little Sand, little Gravel. Moist.		
16	S-5	16 - 17.5	32 34 56	24/12	0			S-5:		
										2" I.D. (0.01" - slot) PVC

LOG OF BORING 2618 AOC PHASE I.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 08/08/06






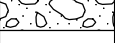
Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 1/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary/D. Thoma
Date Started: 02/07/06 Date Finished: 02/08/06
Logged By: G. Morley Checked By: D. Iseri

Ground Elevation: 274.8 feet
TOC Elevation: 277.62 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/08/06	11:11	17.5'	Ground	20'	0 hrs.
02/16/06	09:00	21.92'	Top of Casing	21.47'	

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
18	S-6	18 - 20	12 10 15 14	24/12	0		GLACIAL TILL -----18'-----	S-6: Very stiff, Clayey SILT, some fine to coarse Gravel, little fine to coarse Sand. Wet.		Well Screen (12 to 22')
20	S-7	20 - 22	12 4 15 46	24/9	0		GLACIAL TILL	S-7: Very stiff, Clayey SILT, little fine Gravel, little fine to coarse Sand. Wet.		
22							-----22'-----	Boring terminated at 22 feet		
24								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. Soil sample S-3 was submitted for analytical laboratory analysis (see report text and tables for analytes). 4. Vacuum excavated to 7 ft.		
26										
28										
30										
32										
34										
36										

LOG OF BORING 2618 AOC PHASE I.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 08/08/06





Project: AOC-1, Phase I
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/Geoprobe
Sampling Method: Hand Auger/Macrocore
Drilling Company: Earth Technology/Paratt-Wolff
Foreman: J. Geary
Date Started: 02/14/06 Date Finished: 02/16/06
Logged By: D. Iseri Checked By: D. Carr

Ground Elevation: 276.2 feet
TOC Elevation: 278.12 feet

Datum:

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
02/21/06	10:38	18.42'	Top of Casing	19.75'	

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
18										
20	S-6	20 - 21			49		GLACIAL TILL	S-6: Wet.		
	S-7	21 - 22						S-7: Moist.		
22							-----22'-----	Boring terminated at 22 feet		
24								NOTES: 1. As noted on the log, drilling and soil sampling was conducted/initiated using vacuum excavation air knife techniques. Soil samples were collected at regular intervals with a manual stainless steel auger device. 2. Soil samples were screened for volatile organic compounds (VOCs) using a Photovac Model 2020 Photoionization Detector (PID). The PID was equipped with a 10.6 eV lamp calibrated to a 100 part per million (ppm) isobutylene standard. The typical detection limit for the instrument is 1 ppm. 3. On 2/15/06 advanced 2" Geoprobe from 14' to 22'. Soil sample wet at 14' to 15' and 20' to 21'. - Then attempted to open hole with 3" diameter probes to allow well installation - unable to get probe past 16'. - Redrilling with ~ 2" probe. - Unable to get 2" probe past 18.5'. Setting 1" well at 18.5' with 10' screen. 4. Soil sample S-4 was submitted for analytical laboratory analysis (see report text and tables for analytes).		
26										
28										
30										
32										
34										
36										
38										



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 03/30/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 274.03 feet
TOC Elevation: 273.71 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
03/29/06	09:45	>15.4	Ground Surface		17 hrs.
04/12/06		19.29'	Top of Casing		

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
0							-----0'-----			
2	S-1	2 - 3	GRAB		0			S-1: Brown, fine to coarse SAND, some fine to coarse Gravel. Moist.		Flushmount roadbox set in concrete (0 to 2')
4	S-2	4 - 5	GRAB		0		FILL	S-2: Tan, Clayey SILT, some fine to coarse Gravel, trace fine to coarse Sand. Moist.		Sand (2 to 5')
6								(COBBLES & BOULDERS - 5 ft. to 7 ft.).		
8	S-3	8 - 9	GRAB		0		GLACIAL TILL	S-3: Tan, SILT, trace coarse Sand. Moist.		2" Schedule 40 PVC Riser (0.3 to 11') Bentonite Seal (5 to 7')

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
03/29/06	09:45	>15.4	Ground Surface		17 hrs.
04/12/06		19.29'	Top of Casing		





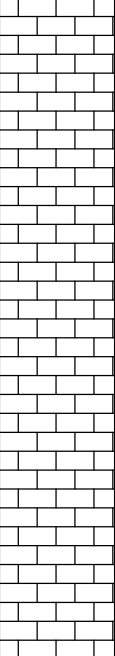
Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/ 3 3/4" HSA
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 03/30/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 274.03 feet
TOC Elevation: 273.71 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
03/29/06	09:45	>15.4	Ground Surface		17 hrs.
04/12/06		19.29'	Top of Casing		

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
18							GLACIAL TILL			
	S-10	19 - 19.2	1	24/12	2			S-10: Similar to S-7.		
	S-10A	19.2 - 21	1 1 1		62		-----19.2'-----	S-10A: Soft, buff, highly weathered LIMESTONE changing to blue-grey highly fractured, moderately weathered LIMESTONE at 19.8'. Wet at 19.8'.		
20							Heavily Weathered LIMESTONE			
	S-11	21 - 21.7	39 26		78			S-11: Very dense, brown to buff, fine to coarse SAND and GRAVEL, little Silt. Wet.		
	S-11A	21.7 - 22.3	23 50/2"		95			S-11A: Very dense, buff, pulverized LIMESTONE. Dry.		
22										Bentonite (21 to 23.2')
	S-11B	22.3 - 23			76			S-11B: Similar to S-11. Moist.		
	S-12	23 - 23.2	50/4"		3		-----23.2'-----	S-12: Very dense, highly weathered, buff LIMESTONE. Moist.		
								Boring terminated at 23.3 feet upon refusal.		
24								NOTES: 1. Grab samples were collected with a stainless steel hand auger. 2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs. 3. Split spoon samples were collected using a 300 pound hammer. 4. Samples S-9 and S-11 were submitted for laboratory analyses (refer to text and tables for analyses).		
26										

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORDATA\GINTOLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/Drive & Wash (NW)
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 04/03/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 273.26 feet
TOC Elevation: 276.30 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/12/06		22.04'	Top of Casing		

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
-2										
0										
2	S-1	2 - 3	GRAB		0		FILL	S-1: Tan, Clayey SILT, little Gravel, trace coarse Sand. Moist.		6" protective steel casing set in concrete seal (0 to 4')
4	S-2	4 - 5	GRAB		0			S-2: Tan, Clayey SILT, some Sand, trace fine to coarse Gravel. Moist.		

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/12/06		22.04'	Top of Casing		

LOG OF BORING 2618 PHASE II.GPJ 031506 SHA.GDT S:\PORTDATA\GINT\OLD GINT LIBRARIES\031406 SHA.GLB 06/21/06



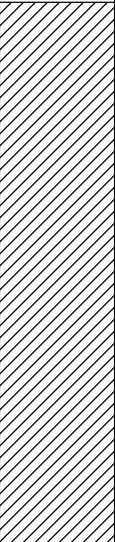

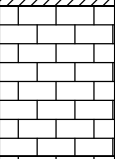
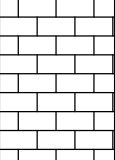
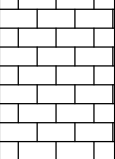
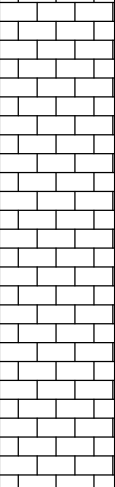
Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/Drive & Wash (NW)
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 04/03/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 273.26 feet
TOC Elevation: 276.30 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/12/06		22.04'	Top of Casing		

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
14	S-7	14 - 16	16 9 3 3				Red-brown CLAY & SILT	S-7: Stiff, red-brown, CLAY & SILT. little highly weathered LIMESTONE. Moist.		Bentonite Seal (7 to 21.5')
16	S-8	16 - 16.8	30 100/3"	24/11			-----16'----- Disintegrated LIMESTONE	S-8: Very dense, red brown, disintegrated LIMESTONE.		
							-----16.8'-----	(Lost all drilling water at 17 ft).		
18								(Lost all drilling water in seam from 17.7 - 18 ft).		
20							LIMESTONE	(Drove casing to 20 ft. and attempted to roller bit, but lost drilling water down hole).		



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/Drive & Wash (NW)
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 04/03/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 273.26 feet
TOC Elevation: 276.30 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/12/06		22.04'	Top of Casing		

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/ Rec (in)	PID/FID Values (ppm)	Log	Description			
22	S-9	22 - 22.8	84 100/3"					S-9: Very dense, highly weathered, buff LIMESTONE.		
24										
26										
28										

LIMESTONE

U.S. Silica W.G. #2 Filter Sand (21.5 to 33.5')

2" I.D. PVC (0.01-inch slot) Well Screen (23.5 to 33.5')



Project: AOC-1, Phase II
Location: East Fishkill, NY
SHA Project No.: 2618.00
Drilling Method: Vacuum Excavation/Drive & Wash (NW)
Sampling Method: Hand Auger/Split Spoon
Drilling Company: Earth Technology
Foreman: J. Geary/S. Butres
Date Started: 03/27/06 Date Finished: 04/03/06
Logged By: G. Morley Checked By: DBC/DAI

Ground Elevation: 273.26 feet
TOC Elevation: 276.30 feet

Datum: IBM Plant Datum

Groundwater Readings

Date	Time	Depth to Water	Ref. Pt.	Depth of Casing	Stab. Time
04/12/06		22.04'	Top of Casing		

Depth (ft)	Sample Information					Stratum		Geologic Description	Well Diagram	Well Description
	Sample No.	Depth (ft)	Spoon Blows per 6 in	Pen/Rec (in)	PID/FID Values (ppm)	Log	Description			
30										
32							LIMESTONE			
34							-----33.5'-----	(Roller bit to 33.5 ft. No return of drill water. Lost 400 gallons while drilling and another 250 gallons while reaming hole after cave-ins). Boring terminated at 33.5 feet		
36								<p>NOTES:</p> <p>1. Grab samples were collected with a stainless steel hand auger.</p> <p>2. Soil samples were screened for volatile organic compounds (VOCs) using a MiniRae 2000 Photoionization Detector (PID) with a 10.6 eV lamp, calibrated to a 100 parts per million by volume (ppmv) isobutylene-in-air standard using a response factor of 1.0. Results are presented in ppmv; the typical detection limit is 1 ppmv. The PID measures relative levels of VOCs. Although PID screening can not be used directly to quantify VOC concentrations or identify individual compounds, the results serve as a relative indicator for the presence of VOCs.</p> <p>3. Split spoon sample S-6 was collected using a 300 pound hammer.</p> <p>4. Sample S-5 was submitted for laboratory analyses (refer to text and tables for analyses).</p> <p>5. Purged 645 gallons of water from the completed well during development.</p>		

APPENDIX C.4
SURVEY INFORMATION



February 22, 2006

Mr. David Iseri

Sanborn, Head & Associates, Inc.

95 High Street

Portland, ME 04101

Phone (207) 347-4715

Fax (207) 761-9339

**Subject: Monitoring Wells/ IBM East Fishkill (West Complex)
Spectra Engineering Project No. 06131**

Dear Mr.Iseri:

Below please find a tabulation of the northing, easting, and elevations for six (6) monitoring wells and for twenty-five (25) soil borings, as per our telephone conversation. Elevations per I.B.M. plant datum.

Well	Northing	Easting	Metal Elev.	Ground Elev.	Plastic Elev.	Remarks
MW 1A	5391.82	1359.36	277.14	274.38	276.63	
MW 1	5382.62	1356.31		274.53		Stake Located
MW 2	5463.70	1385.49	274.51	271.65	273.45	
MW 3	5431.06	1297.67	274.61	271.82	274.42	
MW 4	5299.87	1210.05	278.17	274.80	277.62	
MW 5	5203.41	1113.95	279.63	276.22	278.12	
SB 5A	5362.23	1330.00		275.63		
SB 5B	5343.72	1298.98		275.10		Trench End
SB 5B	5345.20	1303.98		275.36		Trench End
SB 6B	5395.89	1379.69		274.53		

Well	Northing	Easting	Metal Elev.	Ground Elev.	Plastic Elev.	Remarks
SB 6C	5410.99	1403.14		274.12		
SB 101	5354.26	1306.67		274.46		
SB 102	5406.84	1361.82		271.99		
SB 103	5379.93	1314.66		271.87		
SB 104	5457.41	1416.11		273.56		
SB 105	5407.85	1392.07		273.97		
SB 106	5429.74	1418.57		274.49		
SB 107	5417.12	1383.72		272.70		
SB 108	5334.69	1269.68		274.29		
SB 109	5328.82	1272.88		274.65		
SB 110	5240.37	1145.93		275.93		
SB 111	5435.50	1346.70		271.40		
SB 112	5364.96	1298.89		272.56		
TP 1	5364.53	1357.86		276.05		
TP 2	5380.13	1376.84		276.40		
TP 3	5374.67	1372.55		276.42		
TP 4A	5399.06	1368.55		273.45		
TP 4B	5413.30	1373.05		272.05		
TP 7	5436.47	1365.29		271.03		

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• 845 454-9440 • FAX 845 454-9206

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Well	Northing	Easting	Metal Elev.	Ground Elev.	Plastic Elev.	Remarks
TP 9	5400.72	1307.43		270.63		
TP 11	5427.49	1337.17		270.95		

Please contact me at (845) 454-9440 if you have any questions.

Very truly yours,

SPECTRA ENGINEERING, ARCHITECTURE & SURVEYING, P.C.

Carney Rhinevault
CR/mp

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March 3, 2006

Mr. David Iseri

Sanborn, Head & Associates, Inc.

95 High Street

Portland, ME 04101

Phone (207) 347-4715

Fax (207) 761-9339

**Subject: Soil Borings and Test Pit locations/ IBM East Fishkill (West Complex)
Spectra Engineering Project No. 06131**

Dear Mr.Iseri:

Below please find a tabulation of the northing, easting, and elevations for six (6) soil borings and one (1) test pit, as per our telephone conversation. Elevations per I.B.M. plant datum.

Soil Boring Test Pit	Northing	Easting	Ground Elev.	Remarks
TP-10	5222.32	1113.30	276.63	Flag Located
SB-1	5198.94	1109.61	275.92	"
SB-5B	5282.78	1243.51	276.44	"
SB-7A	5379.95	1366.80	275.74	"
SB-7B	5377.21	1369.26	276.44	"
SB-8	5387.80	1360.47	274.50	"
SB-9	5376.88	1355.04	274.92	Flag Located

Please contact me at (845) 454-9440 if you have any questions.

Very truly yours,

SPECTRA ENGINEERING, ARCHITECTURE & SURVEYING, P.C.

Carney Rhinevault
CR/mp

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April 28, 2006

Mr. David Iseri

Sanborn, Head & Associates, Inc.

95 High Street

Portland, ME 04101

Phone (207) 347-4715

Fax (207) 761-9339

**Subject: Soil Borings and Monitoring Well locations/ IBM East Fishkill
(West Complex)
Spectra Engineering Project No. 06170**

Dear Mr.Iseri:

Below please find a tabulation of the northing, easting, and elevations for five (5) soil borings and eleven (11) monitoring wells, as per our telephone conversation. Elevations per I.B.M. plant datum.

Soil Boring/ Well	Northing	Easting	Ground Elev.	Remarks
SB-201	5216.14	1092.35	273.40	Flag Located
SB-202	5208.09	1073.76	273.54	"
SB-203	5187.10	1085.62	275.31	"
SB-204	5200.16	1095.07	275.46	"
SB-205	5210.82	1099.25	275.18	"
MW-426	5181.86	1077.69	274.86	"
MW-427	5227.45	1108.57	275.59	"
MW-428A	5233.87	1041.51	271.10	"
MW- 428B	5254.99	1074.59	271.09	"
MW- 428	5211.00	1083.86	273.41	Flag Located

WELL	Northing	Easting	Ground Elev.	Remarks
MW- 429	5306.01	1292.97	275.85	Flag Located
MW- 430	5299.45	1239.86	275.44	"
MW- 431	5329.32	1163.66	271.32	"
MW- 432	5390.39	1262.50	272.92	"
MW- 433	5423.61	1412.05	274.34	"
MW-434	5426.81	1301.95	271.59	Flag Located

Please contact me at (845) 454-9440 if you have any questions.

Very truly yours,

SPECTRA ENGINEERING, ARCHITECTURE & SURVEYING, P.C.

Carney Rhinevault
CR/mp

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POUGHKEEPSIE OFFICE: 1 CIVIC CENTER PLAZA, STE 401 • POUGHKEEPSIE, NEW YORK 12601

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April 10, 2006
Mr. David Iseri
Sanborn, Head & Associates, Inc.
95 High Street
Portland, ME 04101

Phone (207) 347-4715
Fax (207) 761-9339

**Subject: Monitoring Wells/ IBM East Fishkill (West Complex)
Spectra Engineering Project No. 06131**

Dear Mr.Iseri:

Below please find a tabulation of the northing, easting, and elevations for two (2) monitoring wells, as per our telephone conversation. Elevations per I.B.M. plant datum.

[illegible]

APPENDIX D

ANALYTICAL LABORATORY REPORTS

APPENDIX D.1

VOLATILE ORGANIC COMPOUNDS AND SEMIVOLATILE ORGANIC COMPOUNDS ANALYSES (SOIL)



Lancaster Laboratories Sample No. SW 4707305

PIT1S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 13:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI1S2 SDG#: WCX02-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	14.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	94.	mg/kg	20
04704	Gasoline	8006-61-9	N.D.	94.	mg/kg	20
04705	Kerosene	8008-20-6	N.D.	94.	mg/kg	20
04706	Diesel/#2 Fuel	68334-30-5	2,100.	94.	mg/kg	20
05257	Mineral Spirits	8030-30-6	N.D.	94.	mg/kg	20
05258	#6 Fuel Oil	68553-00-4	N.D.	230.	mg/kg	20
05259	Motor Oil	n.a.	N.D.	230.	mg/kg	20
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	39.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	39.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	39.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	39.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	39.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	78.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	39.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	200.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	78.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	200.	ug/kg	1
01195	Pyrene	129-00-0	310.	39.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	39.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	39.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	39.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	780.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	200.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	39.	ug/kg	1



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4707305

PIT1S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 13:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI1S2 SDG#: WCX02-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03754	1,3-Dichlorobenzene	541-73-1	N.D.	39.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	39.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	39.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	39.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	39.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	39.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	78.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	200.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	39.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	78.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	39.	ug/kg	1
03768	Fluorene	86-73-7	750.	39.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	39.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	78.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	39.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	39.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	39.	ug/kg	1
03775	Phenanthrene	85-01-8	1,800.	39.	ug/kg	1
03776	Anthracene	120-12-7	330.	39.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	78.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	39.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	78.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	39.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	39.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	78.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	78.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	39.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	39.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	39.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	39.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	39.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	39.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	78.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	39.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	78.	ug/kg	1



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Page 3 of 3
REVISED

Lancaster Laboratories Sample No. SW 4707305

PIT1S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 13:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI1S2 SDG#: WCX02-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	39.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	5,000.	78.	ug/kg	2
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	78.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	39.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	78.	ug/kg	1
04698	Dibenzofuran	132-64-9	220.	39.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	78.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	39.	ug/kg	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 16:50	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/13/2006 10:38	Matthew E Barton	20
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/12/2006 23:41	William T Parker	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/13/2006 06:27	William T Parker	2
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 22:30	Ashley B Zook	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	02/10/2006 14:15	Jason A Heisey	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

ANALYTICAL NARRATIVE

CLIENT: IBM East Fishkill

COC NO: 50582

LAB IDS: 0601639

METHOD: SW846 8260B

The above referenced soil sample was analyzed on February 13, 2006 in the following analytical batch: v890. The sample was analyzed as a high level soil.

The following quality control met method criteria for each analytical batch:

BFB Key Ion Abundance
Initial Calibration
Continuing Calibration
Method Blanks
Matrix Spike/Matrix Spike Duplicate (per 20 samples)
Laboratory Fortified Blank (per 20 samples)

Surrogates and internal standards met method criteria:

<u>Surrogates</u>	<u>Internal Standards</u>
1,4-Dichlorobutane	1,2-Dichloroethane-d4
4-Bromofluorobenzene	Fluorobenzene
1,2-Dichlorobenzene-d4	1-Chloro-3-Fluorobenzene

Compounds that were detected but not included on the final report are listed below (results in ug/kg dry weight):

<u>Sample ID</u>	<u>Target Compound</u>	<u>MDL</u>	<u>Report Limit</u>	<u>(ug/kg) Result Q</u>
Pit 1S2	1,3,5-Trimethylbenzene	3838	7043	5145 J
	1,2,4-Trimethylbenzene	4226	7043	17760
	Naphthalene	3909	7043	6005 J

<u>Sample ID</u>	<u>Tentatively Identified</u>	<u>RT</u>	<u>Result Q</u>
Pit 1S2	Nonane	22.87	26314 J
	Octane, 2,6-dimethyl-	23.63	16827 J
	Nonane, 2,6-dimethyl-	25.40	25348 J
	Undecane	26.87	67948 J
	Benzene, 1-ethyl-2,3-dimethyl-	27.26	28445 J
	Naphthalene, 1,2,3,4-tetrahydro-	29.27	37334 J
	Benzene, (2-methyl-1-butenyl)-	29.71	36082 J

Q.C. Coordinator: T. Lund

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: Pit 1S2
 Lab Sample ID: 0601639
 Date/Time Sampled: 02/09/2006 1330
 Date/Time Received: 02/09/2006 1748
 Location: IBM East Fishkill
 File No.: V89015
 GC/MS Sample ID: EF060209346
 Blank File No.: V89010

Report Date: 02/21/2006
 % Solid: 87.6
 Matrix: Soil
 Dilution Factor: 5000
 Date/Time Analyzed: 02/13/2006 1718
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: DA
 COC: 50582

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
67-64-1	Acetone	35389	70425		U
71-43-2	Benzene	2218	7043		U
108-86-1	Bromobenzene	3556	7043		U
75-27-4	Bromodichloromethane	2676	7043		U
75-25-2	Bromoform	3556	7043		U
74-83-9	Bromomethane	3979	7043		U
78-93-3	2-Butanone	5000	7043		U
75-15-0	Carbon Disulfide	2465	7043		U
56-23-5	Carbon Tetrachloride	2782	7043		U
108-90-7	Chlorobenzene	3451	7043		U
75-00-3	Chloroethane	4049	7043		U
67-66-3	Chloroform	3416	7043		U
74-87-3	Chloromethane	2817	7043		U
124-48-1	Dibromochloromethane	3627	7043		U
74-95-3	Dibromomethane	2606	7043		U
95-50-1	1,2-Dichlorobenzene	3310	7043		U
541-73-1	1,3-Dichlorobenzene	4120	7043		U
106-46-7	1,4-Dichlorobenzene	3556	7043		U
75-71-8	Dichlorodifluoromethane	2500	7043		U
75-34-3	1,1-Dichloroethane	2817	7043		U
107-06-2	1,2-Dichloroethane	2078	7043		U
75-35-4	1,1-Dichloroethene	3204	7043		U
540-59-0	1,2-Dichloroethene (total)	2254	7043		U
78-87-5	1,2-Dichloropropane	2641	7043		U
10061-01-5	cis-1,3-Dichloropropene	3204	7043		U
10061-02-6	trans-1,3-Dichloropropene	3662	7043		U
100-41-4	Ethyl Benzene	4085	7043		U
76-13-1	Freon 113	3380	7043		U
354-23-4	Freon 123a	4049	7043		U
591-78-6	2-Hexanone	5211	7043		U
75-09-2	Methylene Chloride	2641	7043		U
1634-04-4	Methyl tertbutylether	1972	7043		U
108-10-1	4-Methyl-2-Pentanone	3803	7043		U
67-63-0	2-Propanol	26410	70425		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
Client Sample ID: Pit 1S2
Lab Sample ID: 0601639
File No.: V89015

Report Date: 02/21/2006
% Solid: 87.6
Matrix: Soil

CAS No.	Compound	MDL ug/kg	Report Limit ug/kg	Result ug/kg	Q
100-42-5	Styrene	3838	7043		U
630-20-6	1,1,1,2-Tetrachloroethane	3275	7043		U
79-34-5	1,1,2,2-Tetrachloroethane	3486	7043		U
127-18-4	Tetrachloroethene	2606	7043		U
109-99-9	Tetrahydrofuran	25036	70425		U
108-88-3	Toluene	4824	7043		U
87-61-6	1,2,3-Trichlorobenzene	3733	7043		U
120-82-1	1,2,4-Trichlorobenzene	3556	7043		U
71-55-6	1,1,1-Trichloroethane	2887	7043		U
79-00-5	1,1,2-Trichloroethane	3451	7043		U
79-01-6	Trichloroethene	2887	7043		U
75-69-4	Trichlorofluoromethane	2148	7043		U
96-18-4	1,2,3-Trichloropropane	2606	7043		U
108-05-4	Vinyl Acetate	2500	7043		U
75-01-4	Vinyl Chloride	3416	7043		U
95-47-6	o-Xylene	4049	7043		U
108-38-3/	m&p-Xylene	7324	14085		U
106-42-3					

SURROGATE RECOVERIES

1,4-Dichlorobutane	98.5%
4-Bromofluorobenzene	99.1%
1,2-Dichlorobenzene-d4	102.2%

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments: All soil results are reported in dry weight.



Lancaster Laboratories Sample No. SW 4707310

PIT2S1 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI2S1 SDG#: WCX02-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	11.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	23.	mg/kg	5
04704	Gasoline	8006-61-9	N.D.	23.	mg/kg	5
04705	Kerosene	8008-20-6	N.D.	23.	mg/kg	5
04706	Diesel/#2 Fuel	68334-30-5	410.	23.	mg/kg	5
05257	Mineral Spirits	8030-30-6	N.D.	23.	mg/kg	5
05258	#6 Fuel Oil	68553-00-4	N.D.	57.	mg/kg	5
05259	Motor Oil	n.a.	N.D.	57.	mg/kg	5
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	38.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	38.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	38.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	38.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	38.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	76.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	76.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	38.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	38.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	38.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	760.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	38.	ug/kg	1



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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4707310

PIT2S1 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI2S1 SDG#: WCX02-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03754	1,3-Dichlorobenzene	541-73-1	N.D.	38.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	38.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	38.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	38.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	76.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	76.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	38.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	38.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	76.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	38.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	38.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	38.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	38.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	76.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	76.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	38.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	76.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	76.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	38.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	76.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	38.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	76.	ug/kg	1



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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4707310

PIT2S1 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI2S1 SDG#: WCX02-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	38.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	38.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	76.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	38.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	76.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	76.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	38.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	1. J	0.7	ug/kg	0.58
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.58
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.58
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.58
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.58
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.58
05488	1,2,4-Trimethylbenzene	95-63-6	1. J	0.7	ug/kg	0.58
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.58
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.58
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.58
05498	Naphthalene	91-20-3	0.7 J	0.7	ug/kg	0.58
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.58
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.58
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.58
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.58
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.58
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.58
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.58
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.58
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.58
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.58
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.58



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Lancaster Laboratories Sample No. SW 4707310

PIT2S1 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
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Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

PI2S1 SDG#: WCX02-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.58
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.58
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.58
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.58
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.58
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.58
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.58
05466	Toluene	108-88-3	0.9 J	0.7	ug/kg	0.58
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.58
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.58
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.58
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.58
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.58
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.58
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.58
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.58
06293	Acetone	67-64-1	59.	5.	ug/kg	0.58
06294	Carbon Disulfide	75-15-0	2. J	0.7	ug/kg	0.58
06296	2-Butanone	78-93-3	11.	3.	ug/kg	0.58
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.58
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.58
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.58
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.58

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 16:50	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/16/2006 08:44	Matthew E Barton	5
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/13/2006 01:27	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/14/2006 16:09	Kenneth L Boley Jr	0.58



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Lancaster Laboratories Sample No. SW 4707310

PIT2S1 Grab Soil Sample
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

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Submitted: 02/10/2006 09:10
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95 High Street
Portland ME 04101

PI2S1	SDG#: WCX02-06					
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/14/2006 16:09	Kenneth L Boley Jr	0.58
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 22:30	Ashley B Zook	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/10/2006 17:46	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/10/2006 17:47	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	02/13/2006 00:00	Michael E Cunningham	1
07579	GC/MS-Field Preserved MeOH- NC	SW-846 5035	1	02/10/2006 17:45	Justin M Bowers	1



APPENDIX C.2
MONITORING WELL LOGS



Lancaster Laboratories Sample No. SW 4706576

MW1S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW1S4 SDG#: WCX01-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	19.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	300.	mg/kg	20
04704	Gasoline	8006-61-9	N.D.	300.	mg/kg	20
04705	Kerosene	8008-20-6	N.D.	300.	mg/kg	20
04706	Diesel/#2 Fuel	68334-30-5	2,800.	300.	mg/kg	20
05257	Mineral Spirits	8030-30-6	N.D.	300.	mg/kg	20
05258	#6 Fuel Oil	68553-00-4	N.D.	750.	mg/kg	20
05259	Motor Oil	n.a.	N.D.	750.	mg/kg	20
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	41.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	41.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	41.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	41.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	41.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	83.	ug/kg	1
01191	Acenaphthene	83-32-9	810.	41.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	210.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	83.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	210.	ug/kg	1
01195	Pyrene	129-00-0	590.	41.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	41.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	41.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	41.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	830.	ug/kg	1



Lancaster Laboratories Sample No. SW 4706576

MW1S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW1S4 SDG#: WCX01-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	210.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	41.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	41.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	41.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	41.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	41.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	41.	ug/kg	1
03760	bis(2-Chloroethoxy) methane	111-91-1	N.D.	41.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	83.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	210.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	41.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	83.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	41.	ug/kg	1
03768	Fluorene	86-73-7	1,600.	41.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	41.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	83.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	41.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	41.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	41.	ug/kg	1
03775	Phenanthrene	85-01-8	4,800.	41.	ug/kg	1
03776	Anthracene	120-12-7	660.	41.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	83.	ug/kg	1
03778	Fluoranthene	206-44-0	170.	41.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	83.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	41.	ug/kg	1
03782	Chrysene	218-01-9	59.	41.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl) phthalate	117-81-7	390.	83.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	140.	83.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	41.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	41.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	41.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	41.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	41.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	41.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	83.	ug/kg	1



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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4706576

MW1S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW1S4 SDG#: WCX01-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	41.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	83.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	41.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	12,000.	410.	ug/kg	10
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	83.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	41.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	83.	ug/kg	1
04698	Dibenzofuran	132-64-9	450.	41.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	83.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	41.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	210.	31.	ug/kg	24.56
05476	o-Xylene	95-47-6	160.	31.	ug/kg	24.56
05479	Isopropylbenzene	98-82-8	320.	31.	ug/kg	24.56
05483	n-Propylbenzene	103-65-1	780.	31.	ug/kg	24.56
05485	1,3,5-Trimethylbenzene	108-67-8	2,000.	31.	ug/kg	24.56
05487	tert-Butylbenzene	98-06-6	31. J	31.	ug/kg	24.56
05488	1,2,4-Trimethylbenzene	95-63-6	5,000.	31.	ug/kg	24.56
05489	sec-Butylbenzene	135-98-8	1,000.	31.	ug/kg	24.56
05490	p-Isopropyltoluene	99-87-6	1,000.	31.	ug/kg	24.56
05493	n-Butylbenzene	104-51-8	1,300.	31.	ug/kg	24.56
05498	Naphthalene	91-20-3	850.	31.	ug/kg	24.56
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	15.	ug/kg	24.56
05444	Chloromethane	74-87-3	N.D.	61.	ug/kg	24.56
05445	Vinyl Chloride	75-01-4	N.D.	31.	ug/kg	24.56
05446	Bromomethane	74-83-9	N.D.	61.	ug/kg	24.56
05447	Chloroethane	75-00-3	N.D.	61.	ug/kg	24.56
05449	1,1-Dichloroethene	75-35-4	N.D.	31.	ug/kg	24.56
05450	Methylene Chloride	75-09-2	N.D.	61.	ug/kg	24.56
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	31.	ug/kg	24.56
05452	1,1-Dichloroethane	75-34-3	N.D.	31.	ug/kg	24.56



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4706576

MW1S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW1S4 SDG#: WCX01-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	31.	ug/kg	24.56
05455	Chloroform	67-66-3	N.D.	31.	ug/kg	24.56
05457	1,1,1-Trichloroethane	71-55-6	N.D.	31.	ug/kg	24.56
05458	Carbon Tetrachloride	56-23-5	N.D.	31.	ug/kg	24.56
05460	Benzene	71-43-2	N.D.	15.	ug/kg	24.56
05461	1,2-Dichloroethane	107-06-2	N.D.	31.	ug/kg	24.56
05462	Trichloroethene	79-01-6	N.D.	31.	ug/kg	24.56
05463	1,2-Dichloropropane	78-87-5	N.D.	31.	ug/kg	24.56
05465	Bromodichloromethane	75-27-4	N.D.	31.	ug/kg	24.56
05466	Toluene	108-88-3	N.D.	31.	ug/kg	24.56
05467	1,1,2-Trichloroethane	79-00-5	N.D.	31.	ug/kg	24.56
05468	Tetrachloroethene	127-18-4	N.D.	31.	ug/kg	24.56
05470	Dibromochloromethane	124-48-1	N.D.	31.	ug/kg	24.56
05472	Chlorobenzene	108-90-7	N.D.	31.	ug/kg	24.56
05474	Ethylbenzene	100-41-4	150.	31.	ug/kg	24.56
05477	Styrene	100-42-5	N.D.	31.	ug/kg	24.56
05478	Bromoform	75-25-2	N.D.	31.	ug/kg	24.56
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	31.	ug/kg	24.56
06293	Acetone	67-64-1	N.D.	210.	ug/kg	24.56
06294	Carbon Disulfide	75-15-0	N.D.	31.	ug/kg	24.56
06296	2-Butanone	78-93-3	N.D.	120.	ug/kg	24.56
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	31.	ug/kg	24.56
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	31.	ug/kg	24.56
06299	4-Methyl-2-pentanone	108-10-1	N.D.	92.	ug/kg	24.56
06300	2-Hexanone	591-78-6	N.D.	92.	ug/kg	24.56

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/16/2006 00:18	Matthew E Barton	20



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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4706576

MW1S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW1S4	SDG#: WCX01-02					
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/10/2006 19:17	William T Parker	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/23/2006 04:33	Marla S Lord	10
00311	8260B soil special scan	SW-846 8260B	1	02/10/2006 22:23	Susan McMahon-Luu	24.56
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/10/2006 22:23	Susan McMahon-Luu	24.56
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 08:30	Jessica Agosto	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/10/2006 08:44	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/10/2006 08:49	Larry E Bevins	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	02/10/2006 14:15	Jason A Heisey	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/10/2006 08:54	Larry E Bevins	1



Lancaster Laboratories Sample No. SW 4706585

MW4S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 14:20

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZW2S3 SDG#: WCX01-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	13.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	38.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	38.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	38.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	38.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	38.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	77.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	77.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	38.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	38.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	38.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	770.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	38.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	38.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	38.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	38.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	38.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	77.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	77.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	38.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	38.	ug/kg	1



Lancaster Laboratories Sample No. SW 4706585

MW4S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 14:20

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZW2S3 SDG#: WCX01-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	77.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	38.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	38.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	38.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	38.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	77.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	77.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	38.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	77.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	77.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	38.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	77.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	38.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	77.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	38.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	38.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	77.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	38.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	77.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	77.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	38.	ug/kg	1

00311 8260B soil special scan



Analysis Report



Page 3 of 4
REVISED

Lancaster Laboratories Sample No. SW 4706585

MW4S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 14:20

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZW2S3 SDG#: WCX01-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.8	ug/kg	0.7
05476	o-Xylene	95-47-6	N.D.	0.8	ug/kg	0.7
05479	Isopropylbenzene	98-82-8	N.D.	0.8	ug/kg	0.7
05483	n-Propylbenzene	103-65-1	N.D.	0.8	ug/kg	0.7
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.8	ug/kg	0.7
05487	tert-Butylbenzene	98-06-6	N.D.	0.8	ug/kg	0.7
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.8	ug/kg	0.7
05489	sec-Butylbenzene	135-98-8	N.D.	0.8	ug/kg	0.7
05490	p-Isopropyltoluene	99-87-6	N.D.	0.8	ug/kg	0.7
05493	n-Butylbenzene	104-51-8	N.D.	0.8	ug/kg	0.7
05498	Naphthalene	91-20-3	N.D.	0.8	ug/kg	0.7
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.7
05444	Chloromethane	74-87-3	N.D.	2.	ug/kg	0.7
05445	Vinyl Chloride	75-01-4	N.D.	0.8	ug/kg	0.7
05446	Bromomethane	74-83-9	N.D.	2.	ug/kg	0.7
05447	Chloroethane	75-00-3	N.D.	2.	ug/kg	0.7
05449	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/kg	0.7
05450	Methylene Chloride	75-09-2	N.D.	2.	ug/kg	0.7
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/kg	0.7
05452	1,1-Dichloroethane	75-34-3	N.D.	0.8	ug/kg	0.7
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/kg	0.7
05455	Chloroform	67-66-3	N.D.	0.8	ug/kg	0.7
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/kg	0.7
05458	Carbon Tetrachloride	56-23-5	N.D.	0.8	ug/kg	0.7
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.7
05461	1,2-Dichloroethane	107-06-2	N.D.	0.8	ug/kg	0.7
05462	Trichloroethene	79-01-6	N.D.	0.8	ug/kg	0.7
05463	1,2-Dichloropropane	78-87-5	N.D.	0.8	ug/kg	0.7
05465	Bromodichloromethane	75-27-4	N.D.	0.8	ug/kg	0.7
05466	Toluene	108-88-3	N.D.	0.8	ug/kg	0.7
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/kg	0.7
05468	Tetrachloroethene	127-18-4	N.D.	0.8	ug/kg	0.7
05470	Dibromochloromethane	124-48-1	N.D.	0.8	ug/kg	0.7
05472	Chlorobenzene	108-90-7	N.D.	0.8	ug/kg	0.7



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2245 Rev. 2/16/03



Lancaster Laboratories Sample No. SW 4706585

MW4S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 14:20

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZW2S3 SDG#: WCX01-11

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05474	Ethylbenzene	100-41-4	N.D.	0.8	ug/kg	0.7
05477	Styrene	100-42-5	N.D.	0.8	ug/kg	0.7
05478	Bromoform	75-25-2	N.D.	0.8	ug/kg	0.7
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.8	ug/kg	0.7
06293	Acetone	67-64-1	N.D.	6.	ug/kg	0.7
06294	Carbon Disulfide	75-15-0	N.D.	0.8	ug/kg	0.7
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.7
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.8	ug/kg	0.7
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.8	ug/kg	0.7
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.7
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.7

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/10/2006 21:00	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/13/2006 15:45	Kenneth L Boley Jr	0.7
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/13/2006 15:45	Kenneth L Boley Jr	0.7
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 08:30	Jessica Agosto	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/10/2006 09:03	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/10/2006 09:04	Larry E Bevins	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/10/2006 09:06	Larry E Bevins	1





Lancaster Laboratories Sample No. SW 4710068

MW-5S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW5S4 SDG#: WCX03-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	9.0	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	88.	mg/kg	20
04704	Gasoline	8006-61-9	N.D.	88.	mg/kg	20
04705	Kerosene	8008-20-6	N.D.	88.	mg/kg	20
04706	Diesel/#2 Fuel	68334-30-5	1,000.	88.	mg/kg	20
05257	Mineral Spirits	8030-30-6	N.D.	88.	mg/kg	20
05258	#6 Fuel Oil	68553-00-4	N.D.	220.	mg/kg	20
05259	Motor Oil	n.a.	N.D.	220.	mg/kg	20
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	37.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	37.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	37.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	37.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	37.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	73.	ug/kg	1
01191	Acenaphthene	83-32-9	460.	37.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	180.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	73.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	180.	ug/kg	1
01195	Pyrene	129-00-0	230.	37.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	37.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	37.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	37.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	730.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	180.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	37.	ug/kg	1



Lancaster Laboratories Sample No. SW 4710068

MW-5S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW5S4 SDG#: WCX03-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03754	1,3-Dichlorobenzene	541-73-1	N.D.	37.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	37.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	37.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	37.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	37.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	37.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	73.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	180.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	37.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	73.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	37.	ug/kg	1
03768	Fluorene	86-73-7	640.	37.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	37.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	73.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	37.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	37.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	37.	ug/kg	1
03775	Phenanthrene	85-01-8	2,300.	37.	ug/kg	1
03776	Anthracene	120-12-7	230.	37.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	73.	ug/kg	1
03778	Fluoranthene	206-44-0	82.	37.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	73.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	37.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	37.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	73.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	73.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	37.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	37.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	37.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	37.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	37.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	37.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	73.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	37.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	73.	ug/kg	1



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4710068

MW-5S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW5S4 SDG#: WCX03-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	37.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	6,700.	73.	ug/kg	2
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	73.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	37.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	73.	ug/kg	1
04698	Dibenzofuran	132-64-9	350.	37.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	73.	ug/kg	1
04702	Carbazole	86-74-8	67. J	37.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	2,000.	72.	ug/kg	65.27
05476	o-Xylene	95-47-6	1,200.	72.	ug/kg	65.27
05479	Isopropylbenzene	98-82-8	1,100.	72.	ug/kg	65.27
05483	n-Propylbenzene	103-65-1	2,000.	72.	ug/kg	65.27
05485	1,3,5-Trimethylbenzene	108-67-8	3,600.	72.	ug/kg	65.27
05487	tert-Butylbenzene	98-06-6	N.D.	72.	ug/kg	65.27
05488	1,2,4-Trimethylbenzene	95-63-6	19,000.	72.	ug/kg	65.27
05489	sec-Butylbenzene	135-98-8	2,100.	72.	ug/kg	65.27
05490	p-Isopropyltoluene	99-87-6	2,300.	72.	ug/kg	65.27
05493	n-Butylbenzene	104-51-8	2,500.	72.	ug/kg	65.27
05498	Naphthalene	91-20-3	5,300.	72.	ug/kg	65.27
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	36.	ug/kg	65.27
05444	Chloromethane	74-87-3	N.D.	140.	ug/kg	65.27
05445	Vinyl Chloride	75-01-4	N.D.	72.	ug/kg	65.27
05446	Bromomethane	74-83-9	N.D.	140.	ug/kg	65.27
05447	Chloroethane	75-00-3	N.D.	140.	ug/kg	65.27
05449	1,1-Dichloroethene	75-35-4	N.D.	72.	ug/kg	65.27
05450	Methylene Chloride	75-09-2	N.D.	140.	ug/kg	65.27
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	72.	ug/kg	65.27
05452	1,1-Dichloroethane	75-34-3	N.D.	72.	ug/kg	65.27
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	72.	ug/kg	65.27
05455	Chloroform	67-66-3	N.D.	72.	ug/kg	65.27



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Lancaster Laboratories Sample No. SW 4710068

MW-5S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW5S4 SDG#: WCX03-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05457	1,1,1-Trichloroethane	71-55-6	N.D.	72.	ug/kg	65.27
05458	Carbon Tetrachloride	56-23-5	N.D.	72.	ug/kg	65.27
05460	Benzene	71-43-2	N.D.	36.	ug/kg	65.27
05461	1,2-Dichloroethane	107-06-2	N.D.	72.	ug/kg	65.27
05462	Trichloroethene	79-01-6	N.D.	72.	ug/kg	65.27
05463	1,2-Dichloropropane	78-87-5	N.D.	72.	ug/kg	65.27
05465	Bromodichloromethane	75-27-4	N.D.	72.	ug/kg	65.27
05466	Toluene	108-88-3	N.D.	72.	ug/kg	65.27
05467	1,1,2-Trichloroethane	79-00-5	N.D.	72.	ug/kg	65.27
05468	Tetrachloroethene	127-18-4	N.D.	72.	ug/kg	65.27
05470	Dibromochloromethane	124-48-1	N.D.	72.	ug/kg	65.27
05472	Chlorobenzene	108-90-7	N.D.	72.	ug/kg	65.27
05474	Ethylbenzene	100-41-4	330. J	72.	ug/kg	65.27
05477	Styrene	100-42-5	N.D.	72.	ug/kg	65.27
05478	Bromoform	75-25-2	N.D.	72.	ug/kg	65.27
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	72.	ug/kg	65.27
06293	Acetone	67-64-1	N.D.	500.	ug/kg	65.27
06294	Carbon Disulfide	75-15-0	N.D.	72.	ug/kg	65.27
06296	2-Butanone	78-93-3	N.D.	290.	ug/kg	65.27
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	72.	ug/kg	65.27
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	72.	ug/kg	65.27
06299	4-Methyl-2-pentanone	108-10-1	N.D.	220.	ug/kg	65.27
06300	2-Hexanone	591-78-6	N.D.	220.	ug/kg	65.27

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/15/2006 20:27	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/22/2006 11:45	Matthew E Barton	20
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/17/2006 10:26	Joseph M Gambler	1



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Lancaster Laboratories Sample No. SW 4710068

MW-5S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

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Portland ME 04101

MW5S4	SDG#: WCX03-05					
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/23/2006 06:35	Joseph M Gambler	2
00311	8260B soil special scan	SW-846 8260B	1	02/16/2006 22:22	Lauren C Marzario	65.27
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/16/2006 22:22	Lauren C Marzario	65.27
00381	BNA Soil Extraction	SW-846 3550B	1	02/16/2006 16:05	Melida Reyes	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/15/2006 16:10	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/15/2006 16:11	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	02/17/2006 18:30	Sally L Appleyard	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/15/2006 16:09	Justin M Bowers	1

Analysis Report



Page 1 of 5
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Lancaster Laboratories Sample No. SW 4706580

SB-101S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB101 SDG#: WCX01-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	19.3	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	300.	mg/kg	20
04704	Gasoline	8006-61-9	N.D.	300.	mg/kg	20
04705	Kerosene	8008-20-6	N.D.	300.	mg/kg	20
04706	Diesel/#2 Fuel	68334-30-5	6,900.	300.	mg/kg	20
05257	Mineral Spirits	8030-30-6	N.D.	300.	mg/kg	20
05258	#6 Fuel Oil	68553-00-4	N.D.	740.	mg/kg	20
05259	Motor Oil	n.a.	N.D.	740.	mg/kg	20
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons. Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	41.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	41.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	41.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	41.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	41.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	83.	ug/kg	1
01191	Acenaphthene	83-32-9	860.	41.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	210.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	83.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	210.	ug/kg	1
01195	Pyrene	129-00-0	900.	41.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	41.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	41.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	41.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	830.	ug/kg	1



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Analysis Report



Page 2 of 5
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Lancaster Laboratories Sample No. SW 4706580

SB-101S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB101 SDG#: WCX01-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	210.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	41.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	41.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	41.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	41.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	41.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	41.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	41.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	83.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	210.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	41.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	83.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	41.	ug/kg	1
03768	Fluorene	86-73-7	1,600.	41.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	41.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	83.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	41.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	41.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	41.	ug/kg	1
03775	Phenanthrene	85-01-8	3,300.	41.	ug/kg	1
03776	Anthracene	120-12-7	730.	41.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	83.	ug/kg	1
03778	Fluoranthene	206-44-0	140.	41.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	83.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	41.	ug/kg	1
03782	Chrysene	218-01-9	54.	41.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	83.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	83.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	41.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	41.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	41.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	41.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	41.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	41.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	83.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4706580

SB-101S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB101 SDG#: WCX01-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	41.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	83.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	41.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	6,400.	83.	ug/kg	2
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	83.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	41.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	83.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	41.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	83.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	41.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	110. J	27.	ug/kg	22.07
05476	o-Xylene	95-47-6	460.	27.	ug/kg	22.07
05479	Isopropylbenzene	98-82-8	560.	27.	ug/kg	22.07
05483	n-Propylbenzene	103-65-1	990.	27.	ug/kg	22.07
05485	1,3,5-Trimethylbenzene	108-67-8	3,200.	27.	ug/kg	22.07
05487	tert-Butylbenzene	98-06-6	45. J	27.	ug/kg	22.07
05488	1,2,4-Trimethylbenzene	95-63-6	7,900.	27.	ug/kg	22.07
05489	sec-Butylbenzene	135-98-8	940.	27.	ug/kg	22.07
05490	p-Isopropyltoluene	99-87-6	800.	27.	ug/kg	22.07
05493	n-Butylbenzene	104-51-8	1,100.	27.	ug/kg	22.07
05498	Naphthalene	91-20-3	2,600.	27.	ug/kg	22.07
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	14.	ug/kg	22.07
05444	Chloromethane	74-87-3	N.D.	55.	ug/kg	22.07
05445	Vinyl Chloride	75-01-4	N.D.	27.	ug/kg	22.07
05446	Bromomethane	74-83-9	N.D.	55.	ug/kg	22.07
05447	Chloroethane	75-00-3	N.D.	55.	ug/kg	22.07
05449	1,1-Dichloroethene	75-35-4	N.D.	27.	ug/kg	22.07
05450	Methylene Chloride	75-09-2	N.D.	55.	ug/kg	22.07
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	27.	ug/kg	22.07
05452	1,1-Dichloroethane	75-34-3	N.D.	27.	ug/kg	22.07



Analysis Report



Page 4 of 5
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Lancaster Laboratories Sample No. SW 4706580

SB-101S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB101 SDG#: WCX01-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method	Units	Dilution Factor
				Detection Limit		
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	27.	ug/kg	22.07
05455	Chloroform	67-66-3	N.D.	27.	ug/kg	22.07
05457	1,1,1-Trichloroethane	71-55-6	N.D.	27.	ug/kg	22.07
05458	Carbon Tetrachloride	56-23-5	N.D.	27.	ug/kg	22.07
05460	Benzene	71-43-2	N.D.	14.	ug/kg	22.07
05461	1,2-Dichloroethane	107-06-2	N.D.	27.	ug/kg	22.07
05462	Trichloroethene	79-01-6	N.D.	27.	ug/kg	22.07
05463	1,2-Dichloropropane	78-87-5	N.D.	27.	ug/kg	22.07
05465	Bromodichloromethane	75-27-4	N.D.	27.	ug/kg	22.07
05466	Toluene	108-88-3	N.D.	27.	ug/kg	22.07
05467	1,1,2-Trichloroethane	79-00-5	N.D.	27.	ug/kg	22.07
05468	Tetrachloroethene	127-18-4	N.D.	27.	ug/kg	22.07
05470	Dibromochloromethane	124-48-1	N.D.	27.	ug/kg	22.07
05472	Chlorobenzene	108-90-7	N.D.	27.	ug/kg	22.07
05474	Ethylbenzene	100-41-4	340.	27.	ug/kg	22.07
05477	Styrene	100-42-5	N.D.	27.	ug/kg	22.07
05478	Bromoform	75-25-2	N.D.	27.	ug/kg	22.07
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	27.	ug/kg	22.07
06293	Acetone	67-64-1	N.D.	190.	ug/kg	22.07
06294	Carbon Disulfide	75-15-0	N.D.	27.	ug/kg	22.07
06296	2-Butanone	78-93-3	N.D.	110.	ug/kg	22.07
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	27.	ug/kg	22.07
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	27.	ug/kg	22.07
06299	4-Methyl-2-pentanone	108-10-1	N.D.	82.	ug/kg	22.07
06300	2-Hexanone	591-78-6	N.D.	82.	ug/kg	22.07

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/16/2006 01:04	Matthew E Barton	20



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Analysis Report



Page 5 of 5
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Lancaster Laboratories Sample No. SW 4706580

SB-101S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB101	SDG#: WCX01-06						
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/10/2006 20:39	William T Parker	1	
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/23/2006 04:54	Marla S Lord	2	
00311	8260B soil special scan	SW-846 8260B	1	02/10/2006 23:07	Susan McMahon-Luu	22.07	
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/10/2006 23:07	Susan McMahon-Luu	22.07	
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 08:30	Jessica Agosto	1	
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/10/2006 08:56	Larry E Bevins	1	
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/10/2006 08:58	Larry E Bevins	1	
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	02/10/2006 14:15	Jason A Heisey	1	
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/10/2006 09:01	Larry E Bevins	1	



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2245 Rev 2/16/03



Lancaster Laboratories Sample No. SW 4706586

SB-102S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

102S2 SDG#: WCX01-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	11.4	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	90.	mg/kg	20
04704	Gasoline	8006-61-9	N.D.	90.	mg/kg	20
04705	Kerosene	8008-20-6	N.D.	90.	mg/kg	20
04706	Diesel/#2 Fuel	68334-30-5	1,200.	90.	mg/kg	20
05257	Mineral Spirits	8030-30-6	N.D.	90.	mg/kg	20
05258	#6 Fuel Oil	68553-00-4	N.D.	230.	mg/kg	20
05259	Motor Oil	n.a.	N.D.	230.	mg/kg	20
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	38.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	38.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	38.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	38.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	38.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	75.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	75.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	170.	38.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	38.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	38.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	750.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	38.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4706586

SB-102S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

102S2 SDG#: WCX01-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03754	1,3-Dichlorobenzene	541-73-1	N.D.	38.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	38.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	38.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	38.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	75.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	75.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	38.	ug/kg	1
03768	Fluorene	86-73-7	440.	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	38.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	75.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	38.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	38.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	38.	ug/kg	1
03775	Phenanthrene	85-01-8	1,200.	38.	ug/kg	1
03776	Anthracene	120-12-7	190. J	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	75.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	75.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	38.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	75.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	75.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	38.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	75.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	38.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	75.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4706586

SB-102S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

102S2 SDG#: WCX01-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	38.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	1,600.	38.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	75.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	38.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	75.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	75.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	38.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	31.	ug/kg	27.53
05476	o-Xylene	95-47-6	N.D.	31.	ug/kg	27.53
05479	Isopropylbenzene	98-82-8	140.	J 31.	ug/kg	27.53
05483	n-Propylbenzene	103-65-1	220.	31.	ug/kg	27.53
05485	1,3,5-Trimethylbenzene	108-67-8	590.	31.	ug/kg	27.53
05487	tert-Butylbenzene	98-06-6	N.D.	31.	ug/kg	27.53
05488	1,2,4-Trimethylbenzene	95-63-6	200.	31.	ug/kg	27.53
05489	sec-Butylbenzene	135-98-8	750.	31.	ug/kg	27.53
05490	p-Isopropyltoluene	99-87-6	220.	31.	ug/kg	27.53
05493	n-Butylbenzene	104-51-8	N.D.	31.	ug/kg	27.53
05498	Naphthalene	91-20-3	190.	31.	ug/kg	27.53
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	16.	ug/kg	27.53
05444	Chloromethane	74-87-3	N.D.	62.	ug/kg	27.53
05445	Vinyl Chloride	75-01-4	N.D.	31.	ug/kg	27.53
05446	Bromomethane	74-83-9	N.D.	62.	ug/kg	27.53
05447	Chloroethane	75-00-3	N.D.	62.	ug/kg	27.53
05449	1,1-Dichloroethene	75-35-4	N.D.	31.	ug/kg	27.53
05450	Methylene Chloride	75-09-2	N.D.	62.	ug/kg	27.53
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	31.	ug/kg	27.53
05452	1,1-Dichloroethane	75-34-3	N.D.	31.	ug/kg	27.53
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	31.	ug/kg	27.53
05455	Chloroform	67-66-3	N.D.	31.	ug/kg	27.53





Lancaster Laboratories Sample No. SW 4706586

SB-102S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

102S2 SDG#: WCX01-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05457	1,1,1-Trichloroethane	71-55-6	N.D.	31.	ug/kg	27.53
05458	Carbon Tetrachloride	56-23-5	N.D.	31.	ug/kg	27.53
05460	Benzene	71-43-2	N.D.	16.	ug/kg	27.53
05461	1,2-Dichloroethane	107-06-2	N.D.	31.	ug/kg	27.53
05462	Trichloroethene	79-01-6	N.D.	31.	ug/kg	27.53
05463	1,2-Dichloropropane	78-87-5	N.D.	31.	ug/kg	27.53
05465	Bromodichloromethane	75-27-4	N.D.	31.	ug/kg	27.53
05466	Toluene	108-88-3	N.D.	31.	ug/kg	27.53
05467	1,1,2-Trichloroethane	79-00-5	N.D.	31.	ug/kg	27.53
05468	Tetrachloroethene	127-18-4	N.D.	31.	ug/kg	27.53
05470	Dibromochloromethane	124-48-1	N.D.	31.	ug/kg	27.53
05472	Chlorobenzene	108-90-7	N.D.	31.	ug/kg	27.53
05474	Ethylbenzene	100-41-4	N.D.	31.	ug/kg	27.53
05477	Styrene	100-42-5	N.D.	31.	ug/kg	27.53
05478	Bromoform	75-25-2	N.D.	31.	ug/kg	27.53
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	31.	ug/kg	27.53
06293	Acetone	67-64-1	N.D.	220.	ug/kg	27.53
06294	Carbon Disulfide	75-15-0	N.D.	31.	ug/kg	27.53
06296	2-Butanone	78-93-3	N.D.	120.	ug/kg	27.53
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	31.	ug/kg	27.53
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	31.	ug/kg	27.53
06299	4-Methyl-2-pentanone	108-10-1	N.D.	93.	ug/kg	27.53
06300	2-Hexanone	591-78-6	N.D.	93.	ug/kg	27.53

The value reported for naphthalene is an estimated maximum possible concentration due to interference from a non-target compound.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/16/2006 01:51	Matthew E Barton	20



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4706586

SB-102S2 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10

Reported: 03/01/2006 at 16:24

Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

102S2	SDG#: WCX01-12					
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/10/2006 21:20	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/10/2006 22:45	Susan McMahon-Luu	27.53
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/10/2006 22:45	Susan McMahon-Luu	27.53
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 08:30	Jessica Agosto	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/10/2006 09:09	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/10/2006 09:11	Larry E Bevins	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	02/10/2006 14:15	Jason A Heisey	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/10/2006 09:12	Larry E Bevins	1



Analysis Report



Page 1 of 4
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Lancaster Laboratories Sample No. SW 4706590

SB104S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 12:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

104S4 SDG#: WCX01-16*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	20.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
00383	TOC by Lloyd Kahn	n.a.	N.D.	340.	mg/kg	1
	The quantitation limit for total organic carbon was increased due to the nature of the sample matrix.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	42.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	42.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	42.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	42.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	42.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	84.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	42.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	210.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	84.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	210.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	42.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	42.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	130.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	42.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	42.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	840.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	210.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	42.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	42.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	42.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	42.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	42.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	42.	ug/kg	1
03760	bis(2-Chloroethoxy) methane	111-91-1	N.D.	42.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	84.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	210.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	42.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	84.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4706590

SB104S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 12:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

104S4 SDG#: WCX01-16*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03767	2,6-Dinitrotoluene	606-20-2	N.D.	42.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	42.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	42.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	84.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	42.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	42.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	42.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	42.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	42.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	84.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	42.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	84.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	42.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	42.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	130.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	84.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	84.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	42.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	42.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	42.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	42.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	42.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	42.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	84.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	42.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	84.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	42.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	42.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	84.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	42.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	84.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	42.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	84.	ug/kg	1



Lancaster Laboratories Sample No. SW 4706590

SB104S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 12:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

104S4 SDG#: WCX01-16*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
04702	Carbazole	86-74-8	N.D.	42.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.59
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.59
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.59
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.59
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.59
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.59
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.59
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.59
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.59
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.59
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.59
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.59
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.59
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.59
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.59
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.59
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.59
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.59
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.59
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.59
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.59
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.59
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.59
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.59
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.59
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.59
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.59
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.59
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.59
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.59
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.59



Lancaster Laboratories Sample No. SW 4706590

SB104S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 12:00

Account Number: 09671

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Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

104S4 SDG#: WCX01-16*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.59
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.59
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.59
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.59
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.59
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.59
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.59
06293	Acetone	67-64-1	17.	5.	ug/kg	0.59
06294	Carbon Disulfide	75-15-0	N.D.	0.7	ug/kg	0.59
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.59
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.59
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.59
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.59
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.59

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
00383	TOC by Lloyd Kahn	Lloyd Kahn modified	1	02/15/2006 11:22	James S Mathiot	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/10/2006 21:41	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/13/2006 16:09	Kenneth L Boley Jr	0.59
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/13/2006 16:09	Kenneth L Boley Jr	0.59
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 08:30	Jessica Agosto	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/10/2006 09:14	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/10/2006 09:16	Larry E Bevins	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/10/2006 09:17	Larry E Bevins	1





Lancaster Laboratories Sample No. SW 4707306

SB10553 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB553 SDG#: WCX02-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	13.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	9.3	mg/kg	2
04704	Gasoline	8006-61-9	N.D.	9.3	mg/kg	2
04705	Kerosene	8008-20-6	N.D.	9.3	mg/kg	2
04706	Diesel/#2 Fuel	68334-30-5	200.	9.3	mg/kg	2
05257	Mineral Spirits	8030-30-6	N.D.	9.3	mg/kg	2
05258	#6 Fuel Oil	68553-00-4	N.D.	23.	mg/kg	2
05259	Motor Oil	n.a.	N.D.	23.	mg/kg	2
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	39.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	39.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	39.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	39.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	39.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	77.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	39.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	77.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	39.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	39.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	39.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	39.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	770.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	39.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4707306

SB10553 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB553 SDG#: WCX02-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03754	1,3-Dichlorobenzene	541-73-1	N.D.	39.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	39.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	39.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	39.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	39.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	39.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	77.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	39.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	77.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	39.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	39.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	39.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	77.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	39.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	39.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	39.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	39.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	39.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	77.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	39.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	77.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	39.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	39.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	77.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	77.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	39.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	39.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	39.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	39.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	39.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	39.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	77.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	39.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	77.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4707306

SB10553 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB553 SDG#: WCX02-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	39.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	39.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	77.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	39.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	77.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	39.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	77.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	39.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.6	ug/kg	0.56
05476	o-Xylene	95-47-6	N.D.	0.6	ug/kg	0.56
05479	Isopropylbenzene	98-82-8	N.D.	0.6	ug/kg	0.56
05483	n-Propylbenzene	103-65-1	N.D.	0.6	ug/kg	0.56
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.6	ug/kg	0.56
05487	tert-Butylbenzene	98-06-6	N.D.	0.6	ug/kg	0.56
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.6	ug/kg	0.56
05489	sec-Butylbenzene	135-98-8	N.D.	0.6	ug/kg	0.56
05490	p-Isopropyltoluene	99-87-6	N.D.	0.6	ug/kg	0.56
05493	n-Butylbenzene	104-51-8	N.D.	0.6	ug/kg	0.56
05498	Naphthalene	91-20-3	N.D.	0.6	ug/kg	0.56
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.56
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.56
05445	Vinyl Chloride	75-01-4	N.D.	0.6	ug/kg	0.56
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.56
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.56
05449	1,1-Dichloroethene	75-35-4	N.D.	0.6	ug/kg	0.56
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.56
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.6	ug/kg	0.56
05452	1,1-Dichloroethane	75-34-3	N.D.	0.6	ug/kg	0.56
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.6	ug/kg	0.56
05455	Chloroform	67-66-3	N.D.	0.6	ug/kg	0.56



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4707306

SB10553 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB553 SDG#: WCX02-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.6	ug/kg	0.56
05458	Carbon Tetrachloride	56-23-5	N.D.	0.6	ug/kg	0.56
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.56
05461	1,2-Dichloroethane	107-06-2	N.D.	0.6	ug/kg	0.56
05462	Trichloroethene	79-01-6	N.D.	0.6	ug/kg	0.56
05463	1,2-Dichloropropane	78-87-5	N.D.	0.6	ug/kg	0.56
05465	Bromodichloromethane	75-27-4	N.D.	0.6	ug/kg	0.56
05466	Toluene	108-88-3	N.D.	0.6	ug/kg	0.56
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.6	ug/kg	0.56
05468	Tetrachloroethene	127-18-4	N.D.	0.6	ug/kg	0.56
05470	Dibromochloromethane	124-48-1	N.D.	0.6	ug/kg	0.56
05472	Chlorobenzene	108-90-7	N.D.	0.6	ug/kg	0.56
05474	Ethylbenzene	100-41-4	N.D.	0.6	ug/kg	0.56
05477	Styrene	100-42-5	N.D.	0.6	ug/kg	0.56
05478	Bromoform	75-25-2	N.D.	0.6	ug/kg	0.56
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.6	ug/kg	0.56
06293	Acetone	67-64-1	9. J	5.	ug/kg	0.56
06294	Carbon Disulfide	75-15-0	1. J	0.6	ug/kg	0.56
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.56
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.6	ug/kg	0.56
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.6	ug/kg	0.56
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.56
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.56

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 16:50	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	02/16/2006 06:27	Matthew E Barton	2
04688	TCL SW846 Semivolatiles	SW-846 8270C	1	02/13/2006 01:05	William T Parker	1
00311	Soil					
00311	8260B soil special scan	SW-846 8260B	1	02/14/2006 15:46	Kenneth L Boley Jr	0.56



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Lancaster Laboratories Sample No. SW 4707306

SB10553 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:15

Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB553	SDG#: WCX02-02					
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/14/2006 15:46	Kenneth L Boley Jr	0.56
00381	BNA Soil Extraction	SW-846 3550B	1	02/10/2006 22:30	Ashley B Zook	1
02392	GC/MS - Field Preserved	SW-846 5035	1	02/10/2006 17:41	Justin M Bowers	1
	NaHSO4					
02392	GC/MS - Field Preserved	SW-846 5035	2	02/10/2006 17:42	Justin M Bowers	1
	NaHSO4					
04833	Extraction / Fuel TPH	SW-846 3550B	1	02/13/2006 00:00	Michael E Cunningham	1
	(Soils)					
07579	GC/MS-Field Preserved MeOH-	SW-846 5035	1	02/10/2006 17:40	Justin M Bowers	1
	NC					





Lancaster Laboratories Sample No. SW 4710065

SB-107S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 12:00 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

107S3 SDG#: WCX03-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	15.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	40.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	40.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	40.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	40.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	40.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	79.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	40.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	200.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	79.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	200.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	40.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	40.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	40.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	40.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	790.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	200.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	40.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	40.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	40.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	40.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	40.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	40.	ug/kg	1
03760	bis(2-Chloroethoxy) methane	111-91-1	N.D.	40.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	79.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	200.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	40.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	79.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	40.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	40.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	40.	ug/kg	1



Lancaster Laboratories Sample No. SW 4710065

SB-107S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 12:00 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

107S3 SDG#: WCX03-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	79.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	40.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	40.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	40.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	40.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	40.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	79.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	40.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	79.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	40.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	40.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	79.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	79.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	40.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	40.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	40.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	40.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	40.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	40.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	79.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	40.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	79.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	40.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	40.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	79.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	40.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	79.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	40.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	79.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	40.	ug/kg	1

00311 8260B soil special scan



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Lancaster Laboratories Sample No. SW 4710065

SB-107S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 12:00 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

107S3 SDG#: WCX03-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.58
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.58
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.58
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.58
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.58
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.58
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.58
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.58
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.58
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.58
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.58
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.58
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.58
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.58
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.58
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.58
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.58
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.58
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.58
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.58
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.58
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.58
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.58
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.58
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.58
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.58
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.58
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.58
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.58
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.58
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.58
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.58
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.58
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.58



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Lancaster Laboratories Sample No. SW 4710065

SB-107S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 12:00 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

107S3 SDG#: WCX03-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.58
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.58
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.58
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.58
06293	Acetone	67-64-1	5. J	5.	ug/kg	0.58
06294	Carbon Disulfide	75-15-0	N.D.	0.7	ug/kg	0.58
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.58
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.58
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.58
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.58
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.58

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/15/2006 20:27	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/17/2006 13:08	Joseph M Gambler	1
00311	8260B soil special scan	SW-846 8260B	1	02/17/2006 17:35	Kenneth L Boley Jr	0.58
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/17/2006 17:35	Kenneth L Boley Jr	0.58
00381	BNA Soil Extraction	SW-846 3550B	1	02/16/2006 16:05	Melida Reyes	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/15/2006 16:01	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/15/2006 16:02	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/15/2006 16:00	Justin M Bowers	1



Lancaster Laboratories Sample No. SW 4710066

SB-108S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 14:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

108S4 SDG#: WCX03-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	17.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	40.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	40.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	40.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	40.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	40.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	81.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	40.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	200.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	81.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	200.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	40.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	40.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	40.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	40.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	810.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	200.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	40.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	40.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	40.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	40.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	40.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	40.	ug/kg	1
03760	bis(2-Chloroethoxy) methane	111-91-1	N.D.	40.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	81.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	200.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	40.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	81.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	40.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	40.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	40.	ug/kg	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4710066

SB-108S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 14:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

108S4 SDG#: WCX03-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	81.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	40.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	40.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	40.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	40.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	40.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	81.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	40.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	81.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	40.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	40.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	81.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	81.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	40.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	40.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	40.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	40.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	40.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	40.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	81.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	40.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	81.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	40.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	40.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	81.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	40.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	81.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	40.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	81.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	40.	ug/kg	1

00311 8260B soil special scan



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Page 3 of 4
REVISED

Lancaster Laboratories Sample No. SW 4710066

SB-108S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 14:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

108S4 SDG#: WCX03-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.6
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.6
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.6
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.6
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.6
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.6
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.6
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.6
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.6
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.6
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.6
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.6
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.6
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.6
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.6
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.6
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.6
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.6
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.6
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.6
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.6
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.6
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.6
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.6
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.6
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.6
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.6
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.6
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.6
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.6
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.6
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.6
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.6
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.6



Lancaster Laboratories, Inc.
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Lancaster Laboratories Sample No. SW 4710066

SB-108S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 14:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

108S4 SDG#: WCX03-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.6
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.6
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.6
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.6
06293	Acetone	67-64-1	8. J	5.	ug/kg	0.6
06294	Carbon Disulfide	75-15-0	N.D.	0.7	ug/kg	0.6
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.6
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.6
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.6
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.6
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.6

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/15/2006 20:27	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/17/2006 14:02	Joseph M Gambler	1
00311	8260B soil special scan	SW-846 8260B	1	02/17/2006 17:58	Kenneth L Boley Jr	0.6
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/17/2006 17:58	Kenneth L Boley Jr	0.6
00381	BNA Soil Extraction	SW-846 3550B	1	02/16/2006 16:05	Melida Reyes	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/15/2006 16:04	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/15/2006 16:05	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/15/2006 16:03	Justin M Bowers	1



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Lancaster Laboratories Sample No. SW 4710067

SB-109S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 15:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

109S3 SDG#: WCX03-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	10.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	190.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	190.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	190.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	190.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	190.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	370.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	190.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	930.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	370.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	930.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	190.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	190.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	560.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	190.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	190.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	3,700.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	930.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	190.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	190.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	190.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	190.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	190.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	190.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	190.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	370.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	930.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	190.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	370.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	190.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	190.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	190.	ug/kg	1





Lancaster Laboratories Sample No. SW 4710067

SB-109S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 15:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

109S3 SDG#: WCX03-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	370.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	190.	ug/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	190.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	190.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	190.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	190.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	370.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	190.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	370.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	190.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	190.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	560.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	370.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	370.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	190.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	190.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	190.	J 190.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	190.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	190.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	330.	J 190.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	370.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	190.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	370.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	190.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	190.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	370.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	190.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	370.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	190.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	370.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	190.	ug/kg	1

Due to sample matrix interferences observed during the extraction, the normal reporting limits could not be obtained.



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Lancaster Laboratories Sample No. SW 4710067

SB-109S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 15:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

109S3 SDG#: WCX03-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.65
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.65
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.65
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.65
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.65
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.65
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.65
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.65
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.65
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.65
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.65
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.65
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.65
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.65
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.65
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.65
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.65
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.65
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.65
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.65
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.65
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.65
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.65
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.65
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.65
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.65
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.65
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.65
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.65
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.65
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.65
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.65



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Lancaster Laboratories Sample No. SW 4710067

SB-109S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 15:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

109S3 SDG#: WCX03-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.65
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.65
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.65
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.65
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.65
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.65
06293	Acetone	67-64-1	13. J	5.	ug/kg	0.65
06294	Carbon Disulfide	75-15-0	1. J	0.7	ug/kg	0.65
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.65
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.65
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.65
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.65
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.65

The GC/MS volatile internal standard peak areas were outside the QC limits for both the initial analysis and the re-analysis. The values reported here are from the initial analysis of the sample.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/15/2006 20:27	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/17/2006 14:56	Joseph M Gambler	1
00311	8260B soil special scan	SW-846 8260B	1	02/17/2006 18:22	Kenneth L Boley Jr	0.65
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/17/2006 18:22	Kenneth L Boley Jr	0.65
00381	BNA Soil Extraction	SW-846 3550B	1	02/16/2006 16:05	Melida Reyes	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/15/2006 16:07	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/15/2006 16:08	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/15/2006 16:06	Justin M Bowers	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Page 5 of 5
REVISED

Lancaster Laboratories Sample No. SW 4710067

SB-109S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/13/2006 15:45 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

109S3 SDG#: WCX03-04



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. SW 4712082

SB-110S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

110S3 SDG#: WCX04-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	10.2	0.50	%	1
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	37.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	37.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	37.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	37.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	37.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	74.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	37.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	74.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	37.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	37.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	37.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	37.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	740.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	37.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	37.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	37.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	37.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	37.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	37.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	37.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	74.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	37.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	74.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	37.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	37.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	37.	ug/kg	1

Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. SW 4712082

SB-110S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

110S3 SDG#: WCX04-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	74.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	37.	ug/kg	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	37.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	37.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	37.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	37.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	74.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	37.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	74.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	37.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	37.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	74.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	74.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	37.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	37.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	37.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	37.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	37.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	37.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	74.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	37.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	74.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	37.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	37.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	74.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	37.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	74.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	37.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	74.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	37.	ug/kg	1

00311 8260B soil special scan



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Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. SW 4712082

SB-110S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

110S3 SDG#: WCX04-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.8	ug/kg	0.76
05476	o-Xylene	95-47-6	N.D.	0.8	ug/kg	0.76
05479	Isopropylbenzene	98-82-8	N.D.	0.8	ug/kg	0.76
05483	n-Propylbenzene	103-65-1	N.D.	0.8	ug/kg	0.76
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.8	ug/kg	0.76
05487	tert-Butylbenzene	98-06-6	N.D.	0.8	ug/kg	0.76
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.8	ug/kg	0.76
05489	sec-Butylbenzene	135-98-8	N.D.	0.8	ug/kg	0.76
05490	p-Isopropyltoluene	99-87-6	N.D.	0.8	ug/kg	0.76
05493	n-Butylbenzene	104-51-8	N.D.	0.8	ug/kg	0.76
05498	Naphthalene	91-20-3	N.D.	0.8	ug/kg	0.76
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.76
05444	Chloromethane	74-87-3	N.D.	2.	ug/kg	0.76
05445	Vinyl Chloride	75-01-4	N.D.	0.8	ug/kg	0.76
05446	Bromomethane	74-83-9	N.D.	2.	ug/kg	0.76
05447	Chloroethane	75-00-3	N.D.	2.	ug/kg	0.76
05449	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/kg	0.76
05450	Methylene Chloride	75-09-2	N.D.	2.	ug/kg	0.76
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/kg	0.76
05452	1,1-Dichloroethane	75-34-3	N.D.	0.8	ug/kg	0.76
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/kg	0.76
05455	Chloroform	67-66-3	N.D.	0.8	ug/kg	0.76
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/kg	0.76
05458	Carbon Tetrachloride	56-23-5	N.D.	0.8	ug/kg	0.76
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.76
05461	1,2-Dichloroethane	107-06-2	N.D.	0.8	ug/kg	0.76
05462	Trichloroethene	79-01-6	N.D.	0.8	ug/kg	0.76
05463	1,2-Dichloropropane	78-87-5	N.D.	0.8	ug/kg	0.76
05465	Bromodichloromethane	75-27-4	N.D.	0.8	ug/kg	0.76
05466	Toluene	108-88-3	N.D.	0.8	ug/kg	0.76
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/kg	0.76
05468	Tetrachloroethene	127-18-4	N.D.	0.8	ug/kg	0.76
05470	Dibromochloromethane	124-48-1	N.D.	0.8	ug/kg	0.76
05472	Chlorobenzene	108-90-7	N.D.	0.8	ug/kg	0.76



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Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. SW 4712082

SB-110S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

110S3 SDG#: WCX04-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry		Units	Dilution Factor
				Method	Detection Limit		
05474	Ethylbenzene	100-41-4	N.D.		0.8	ug/kg	0.76
05477	Styrene	100-42-5	N.D.		0.8	ug/kg	0.76
05478	Bromoform	75-25-2	N.D.		0.8	ug/kg	0.76
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.8	ug/kg	0.76
06293	Acetone	67-64-1	17. J		6.	ug/kg	0.76
06294	Carbon Disulfide	75-15-0	2. J		0.8	ug/kg	0.76
06296	2-Butanone	78-93-3	N.D.		3.	ug/kg	0.76
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.8	ug/kg	0.76
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.8	ug/kg	0.76
06299	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/kg	0.76
06300	2-Hexanone	591-78-6	N.D.		3.	ug/kg	0.76

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
00111	Moisture	EPA 160.3 modified	1	02/20/2006	16:58	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/21/2006	22:38	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/20/2006	22:05	Kenneth L Boley Jr	0.76
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/20/2006	22:05	Kenneth L Boley Jr	0.76
00381	BNA Soil Extraction	SW-846 3550B	1	02/20/2006	07:00	Olivia Arosemena	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/17/2006	15:24	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/17/2006	15:27	Larry E Bevins	1
07579	GC/MS-Field PreservedMeOH- NC	SW-846 5035	1	02/17/2006	15:28	Larry E Bevins	1



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Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. SW 4712083

SB-110S3D Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB11S SDG#: WCX04-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	10.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	37.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	37.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	37.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	37.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	37.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	75.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	37.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	75.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	37.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	37.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	37.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	37.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	750.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	37.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	37.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	37.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	37.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	37.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	37.	ug/kg	1
03760	bis(2-Chloroethoxy) methane	111-91-1	N.D.	37.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	75.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	37.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	75.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	37.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	37.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	37.	ug/kg	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. SW 4712083

SB-110S3D Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30

by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Reported: 02/23/2006 at 14:38

Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB11S SDG#: WCX04-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	75.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	37.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	37.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	37.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	37.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	37.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	75.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	37.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	75.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	37.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	37.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	75.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	75.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	37.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	37.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	37.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	37.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	37.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	37.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	75.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	37.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	75.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	37.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	37.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	75.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	37.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	75.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	37.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	75.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	37.	ug/kg	1

00311 8260B soil special scan



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425



Lancaster Laboratories Sample No. SW 4712083

SB-110S3D Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

SB11S SDG#: WCX04-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.9	ug/kg	0.76
05476	o-Xylene	95-47-6	N.D.	0.9	ug/kg	0.76
05479	Isopropylbenzene	98-82-8	N.D.	0.9	ug/kg	0.76
05483	n-Propylbenzene	103-65-1	N.D.	0.9	ug/kg	0.76
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.9	ug/kg	0.76
05487	tert-Butylbenzene	98-06-6	N.D.	0.9	ug/kg	0.76
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.9	ug/kg	0.76
05489	sec-Butylbenzene	135-98-8	N.D.	0.9	ug/kg	0.76
05490	p-Isopropyltoluene	99-87-6	N.D.	0.9	ug/kg	0.76
05493	n-Butylbenzene	104-51-8	N.D.	0.9	ug/kg	0.76
05498	Naphthalene	91-20-3	N.D.	0.9	ug/kg	0.76
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.76
05444	Chloromethane	74-87-3	N.D.	2.	ug/kg	0.76
05445	Vinyl Chloride	75-01-4	N.D.	0.9	ug/kg	0.76
05446	Bromomethane	74-83-9	N.D.	2.	ug/kg	0.76
05447	Chloroethane	75-00-3	N.D.	2.	ug/kg	0.76
05449	1,1-Dichloroethene	75-35-4	N.D.	0.9	ug/kg	0.76
05450	Methylene Chloride	75-09-2	N.D.	2.	ug/kg	0.76
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.9	ug/kg	0.76
05452	1,1-Dichloroethane	75-34-3	N.D.	0.9	ug/kg	0.76
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.9	ug/kg	0.76
05455	Chloroform	67-66-3	N.D.	0.9	ug/kg	0.76
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.9	ug/kg	0.76
05458	Carbon Tetrachloride	56-23-5	N.D.	0.9	ug/kg	0.76
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.76
05461	1,2-Dichloroethane	107-06-2	N.D.	0.9	ug/kg	0.76
05462	Trichloroethene	79-01-6	N.D.	0.9	ug/kg	0.76
05463	1,2-Dichloropropane	78-87-5	N.D.	0.9	ug/kg	0.76
05465	Bromodichloromethane	75-27-4	N.D.	0.9	ug/kg	0.76
05466	Toluene	108-88-3	N.D.	0.9	ug/kg	0.76
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.9	ug/kg	0.76
05468	Tetrachloroethene	127-18-4	N.D.	0.9	ug/kg	0.76
05470	Dibromochloromethane	124-48-1	N.D.	0.9	ug/kg	0.76
05472	Chlorobenzene	108-90-7	N.D.	0.9	ug/kg	0.76

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. SW 4712083

SB-110S3D Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 10:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SB11S SDG#: WCX04-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method	Units	Dilution Factor
				Detection Limit		
05474	Ethylbenzene	100-41-4	N.D.	0.9	ug/kg	0.76
05477	Styrene	100-42-5	N.D.	0.9	ug/kg	0.76
05478	Bromoform	75-25-2	N.D.	0.9	ug/kg	0.76
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.9	ug/kg	0.76
06293	Acetone	67-64-1	27.	6.	ug/kg	0.76
06294	Carbon Disulfide	75-15-0	1. J	0.9	ug/kg	0.76
06296	2-Butanone	78-93-3	4. J	3.	ug/kg	0.76
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.9	ug/kg	0.76
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.9	ug/kg	0.76
06299	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/kg	0.76
06300	2-Hexanone	591-78-6	N.D.	3.	ug/kg	0.76

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00111	Moisture	EPA 160.3 modified	1	02/20/2006 16:58	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/21/2006 22:59	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/20/2006 22:28	Kenneth L Boley Jr	0.76
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/20/2006 22:28	Kenneth L Boley Jr	0.76
00381	BNA Soil Extraction	SW-846 3550B	1	02/20/2006 07:00	Olivia Arosemena	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/17/2006 15:30	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/17/2006 15:31	Larry E Bevins	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/17/2006 15:32	Larry E Bevins	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. SW 4712084

SB-111S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 14:00

by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Reported: 02/23/2006 at 14:38

Discard: 03/10/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

112S3 SDG#: WCX04-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	16.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	40.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	40.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	40.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	40.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	40.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	80.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	40.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	200.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	80.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	200.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	40.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	40.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	40.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	40.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	800.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	200.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	40.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	40.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	40.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	40.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	40.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	40.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	40.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	80.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	200.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	40.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	80.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	40.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	40.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	40.	ug/kg	1



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Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. SW 4712084

SB-111S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 14:00

by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Reported: 02/23/2006 at 14:38

Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

112S3 SDG#: WCX04-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	80.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	40.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	40.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	40.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	40.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	40.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	80.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	40.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	80.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	40.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	40.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	80.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	80.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	40.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	40.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	40.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	40.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	40.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	40.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	80.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	40.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	80.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	40.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	40.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	80.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	40.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	80.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	40.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	80.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	40.	ug/kg	1

00311 8260B soil special scan



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2425 New Holland Pike
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Lancaster, PA 17605-2425

Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. SW 4712084

SB-111S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 14:00 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

112S3 SDG#: WCX04-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.8	ug/kg	0.64
05476	o-Xylene	95-47-6	N.D.	0.8	ug/kg	0.64
05479	Isopropylbenzene	98-82-8	N.D.	0.8	ug/kg	0.64
05483	n-Propylbenzene	103-65-1	N.D.	0.8	ug/kg	0.64
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.8	ug/kg	0.64
05487	tert-Butylbenzene	98-06-6	N.D.	0.8	ug/kg	0.64
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.8	ug/kg	0.64
05489	sec-Butylbenzene	135-98-8	N.D.	0.8	ug/kg	0.64
05490	p-Isopropyltoluene	99-87-6	N.D.	0.8	ug/kg	0.64
05493	n-Butylbenzene	104-51-8	N.D.	0.8	ug/kg	0.64
05498	Naphthalene	91-20-3	N.D.	0.8	ug/kg	0.64
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.64
05444	Chloromethane	74-87-3	N.D.	2.	ug/kg	0.64
05445	Vinyl Chloride	75-01-4	N.D.	0.8	ug/kg	0.64
05446	Bromomethane	74-83-9	N.D.	2.	ug/kg	0.64
05447	Chloroethane	75-00-3	N.D.	2.	ug/kg	0.64
05449	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/kg	0.64
05450	Methylene Chloride	75-09-2	N.D.	2.	ug/kg	0.64
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/kg	0.64
05452	1,1-Dichloroethane	75-34-3	N.D.	0.8	ug/kg	0.64
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/kg	0.64
05455	Chloroform	67-66-3	N.D.	0.8	ug/kg	0.64
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/kg	0.64
05458	Carbon Tetrachloride	56-23-5	N.D.	0.8	ug/kg	0.64
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.64
05461	1,2-Dichloroethane	107-06-2	N.D.	0.8	ug/kg	0.64
05462	Trichloroethene	79-01-6	N.D.	0.8	ug/kg	0.64
05463	1,2-Dichloropropane	78-87-5	N.D.	0.8	ug/kg	0.64
05465	Bromodichloromethane	75-27-4	N.D.	0.8	ug/kg	0.64
05466	Toluene	108-88-3	N.D.	0.8	ug/kg	0.64
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/kg	0.64
05468	Tetrachloroethene	127-18-4	N.D.	0.8	ug/kg	0.64
05470	Dibromochloromethane	124-48-1	N.D.	0.8	ug/kg	0.64
05472	Chlorobenzene	108-90-7	N.D.	0.8	ug/kg	0.64



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. SW 4712084

SB-111S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 14:00 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

112S3 SDG#: WCX04-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method	Units	Dilution Factor
				Detection Limit		
05474	Ethylbenzene	100-41-4	N.D.	0.8	ug/kg	0.64
05477	Styrene	100-42-5	N.D.	0.8	ug/kg	0.64
05478	Bromoform	75-25-2	N.D.	0.8	ug/kg	0.64
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.8	ug/kg	0.64
06293	Acetone	67-64-1	N.D.	5.	ug/kg	0.64
06294	Carbon Disulfide	75-15-0	1. J	0.8	ug/kg	0.64
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.64
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.8	ug/kg	0.64
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.8	ug/kg	0.64
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.64
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.64

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00111	Moisture	EPA 160.3 modified	1	02/20/2006 16:58	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/21/2006 23:20	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/20/2006 22:51	Kenneth L Boley Jr	0.64
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/20/2006 22:51	Kenneth L Boley Jr	0.64
00381	BNA Soil Extraction	SW-846 3550B	1	02/20/2006 07:00	Olivia Arosemena	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/17/2006 15:34	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/17/2006 15:35	Larry E Bevins	1
07579	GC/MS-Field Preserved MeOH- NC	SW-846 5035	1	02/17/2006 15:37	Larry E Bevins	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. SW 4712085

SB-112S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 15:30

by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Reported: 02/23/2006 at 14:39

Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

112SC SDG#: WCX04-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	13.4	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	38.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	38.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	38.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	38.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	38.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	77.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	77.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	38.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	38.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	38.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	770.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	38.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	38.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	38.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	38.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	38.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	77.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	77.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	38.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	38.	ug/kg	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. SW 4712085

SB-112S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 15:30

by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Reported: 02/23/2006 at 14:39

Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

112SC SDG#: WCX04-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03770	Diethylphthalate	84-66-2	N.D.	77.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	38.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	38.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	38.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	38.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	77.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	77.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	38.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	77.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	77.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	38.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	77.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	38.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	77.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	38.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	38.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	77.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	38.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	77.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	77.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	38.	ug/kg	1

00311 8260B soil special scan



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Lancaster Laboratories Sample No. SW 4712085

SB-112S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 15:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:39
Discard: 03/10/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

112SC SDG#: WCX04-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.64
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.64
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.64
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.64
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.64
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.64
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.64
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.64
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.64
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.64
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.64
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.64
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.64
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.64
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.64
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.64
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.64
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.64
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.64
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.64
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.64
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.64
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.64
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.64
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.64
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.64
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.64
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.64
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.64
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.64
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.64
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.64
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.64
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.64

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. SW 4712085

SB-112S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/15/2006 15:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:39
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

112SC SDG#: WCX04-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.64
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.64
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.64
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.64
06293	Acetone	67-64-1	8. J	5.	ug/kg	0.64
06294	Carbon Disulfide	75-15-0	N.D.	0.7	ug/kg	0.64
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.64
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.64
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.64
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.64
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.64

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/20/2006 16:58	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	02/21/2006 23:40	William T Parker	1
00311	8260B soil special scan	SW-846 8260B	1	02/20/2006 23:14	Kenneth L Boley Jr	0.64
06292	TCL by 8260 (soil)	SW-846 8260B	1	02/20/2006 23:14	Kenneth L Boley Jr	0.64
00381	BNA Soil Extraction	SW-846 3550B	1	02/20/2006 07:00	Olivia Arosemena	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	1	02/17/2006 15:39	Larry E Bevins	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035	2	02/17/2006 15:41	Larry E Bevins	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035	1	02/17/2006 15:42	Larry E Bevins	1



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PO Box 12425
Lancaster, PA 17605-2425



Lancaster Laboratories Sample No. SW 4741876

SB_201_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 14:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

201S5 SDG#: WCX08-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	11.1	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	4.5	mg/kg	1
04704	Gasoline	8006-61-9	N.D.	4.5	mg/kg	1
04705	Kerosene	8008-20-6	N.D.	4.5	mg/kg	1
04706	Diesel/#2 Fuel	68334-30-5	N.D.	4.5	mg/kg	1
05257	Mineral Spirits	8030-30-6	N.D.	4.5	mg/kg	1
05258	#6 Fuel Oil	68553-00-4	N.D.	11.	mg/kg	1
05259	Motor Oil	n.a.	N.D.	11.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.6
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.6
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.6
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.6
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.6
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.6
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.6
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.6
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.6
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.6
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.6
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.6
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.6
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.6
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.6
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.6
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.6
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.6
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.6



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 Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4741876

SB_201_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 14:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

201S5 SDG#: WCX08-04

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.6
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.6
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.6
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.6
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.6
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.6
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.6
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.6
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.6
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.6
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.6
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.6
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.6
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.6
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.6
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.6
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.6
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.6
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.6
06293	Acetone	67-64-1	19.	5.	ug/kg	0.6
06294	Carbon Disulfide	75-15-0	3. J	0.7	ug/kg	0.6
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.6
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.6
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.6
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.6
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.6

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/04/2006 23:55	Matthew E Barton	1
00311	8260B soil special scan	SW-846 8260B	1	04/03/2006 16:38	Kenneth L Boley Jr	0.6
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/03/2006 16:38	Kenneth L Boley Jr	0.6
02392	GC/MS - Field Preserved NAHS04	SW-846 5035A	1	04/01/2006 15:01	Justin M Bowers	1



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2425 New Holland Pike
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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4741876

SB_201_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 14:30 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

201S5	SDG#: WCX08-04					
02392	GC/MS - Field Preserved	SW-846 5035A	2	04/01/2006 15:02	Justin M Bowers	1
	NaHSO4					
04833	Extraction / Fuel TPH	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto	1
	(Soils)					
07579	GC/MS-Field PreservedMeOH-	SW-846 5035A	1	04/01/2006 14:58	Justin M Bowers	1
	NC					

003f



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4741877

SB_202_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 11:00 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Sanborn Head & Associates

Reported: 04/20/2006 at 13:35

95 High Street

Discard: 05/05/2006

Portland ME 04101

202S9 SDG#: WCX08-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	21.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	260.	mg/kg	50
04704	Gasoline	8006-61-9	N.D.	260.	mg/kg	50
04705	Kerosene	8008-20-6	N.D.	260.	mg/kg	50
04706	Diesel/#2 Fuel	68334-30-5	2,800.	260.	mg/kg	50
05257	Mineral Spirits	8030-30-6	N.D.	260.	mg/kg	50
05258	#6 Fuel Oil	68553-00-4	N.D.	640.	mg/kg	50
05259	Motor Oil	n.a.	N.D.	640.	mg/kg	50
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	43.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	43.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	43.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	43.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	43.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	85.	ug/kg	1
01191	Acenaphthene	83-32-9	280.	43.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	210.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	85.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	210.	ug/kg	1
01195	Pyrene	129-00-0	270.	43.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	43.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	130.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	43.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	43.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	850.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	210.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	43.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	43.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	43.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	43.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	43.	ug/kg	1



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4741877

SB_202_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 11:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

202S9 SDG#: WCX08-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03759	Isophorone	78-59-1	N.D.	43.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	43.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	85.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	210.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	43.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	85.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	43.	ug/kg	1
03768	Fluorene	86-73-7	530.	43.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	43.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	85.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	43.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	43.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	43.	ug/kg	1
03775	Phenanthrene	85-01-8	1,400.	43.	ug/kg	1
03776	Anthracene	120-12-7	260.	43.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	85.	ug/kg	1
03778	Fluoranthene	206-44-0	57. J	43.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	85.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	43.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	43.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	130.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	85.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	85.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	43.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	43.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	43.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	43.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	43.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	43.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	85.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	43.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	85.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	43.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	430.	43.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	85.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	43.	ug/kg	0033
04697	3-Nitroaniline	99-09-2	N.D.	85.	ug/kg	1



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4741877

SB_202_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 11:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

202S9 SDG#: WCX08-05

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
04698	Dibenzofuran	132-64-9	150.	J	43.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.		85.	ug/kg	1
04702	Carbazole	86-74-8	N.D.		43.	ug/kg	1
00311	8260B soil special scan						
05475	m+p-Xylene	1330-20-7	22.	J	15.	ug/kg	11.44
05476	o-Xylene	95-47-6	N.D.		15.	ug/kg	11.44
05479	Isopropylbenzene	98-82-8	59.	J	15.	ug/kg	11.44
05483	n-Propylbenzene	103-65-1	89.		15.	ug/kg	11.44
05485	1,3,5-Trimethylbenzene	108-67-8	580.		15.	ug/kg	11.44
05487	tert-Butylbenzene	98-06-6	N.D.		15.	ug/kg	11.44
05488	1,2,4-Trimethylbenzene	95-63-6	340.		15.	ug/kg	11.44
05489	sec-Butylbenzene	135-98-8	110.		15.	ug/kg	11.44
05490	p-Isopropyltoluene	99-87-6	170.		15.	ug/kg	11.44
05493	n-Butylbenzene	104-51-8	60.	J	15.	ug/kg	11.44
05498	Naphthalene	91-20-3	49.	J	15.	ug/kg	11.44
06292	TCL by 8260 (soil)						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		7.	ug/kg	11.44
05444	Chloromethane	74-87-3	N.D.		29.	ug/kg	11.44
05445	Vinyl Chloride	75-01-4	N.D.		15.	ug/kg	11.44
05446	Bromomethane	74-83-9	N.D.		29.	ug/kg	11.44
05447	Chloroethane	75-00-3	N.D.		29.	ug/kg	11.44
05449	1,1-Dichloroethene	75-35-4	N.D.		15.	ug/kg	11.44
05450	Methylene Chloride	75-09-2	N.D.		29.	ug/kg	11.44
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		15.	ug/kg	11.44
05452	1,1-Dichloroethane	75-34-3	N.D.		15.	ug/kg	11.44
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		15.	ug/kg	11.44
05455	Chloroform	67-66-3	N.D.		15.	ug/kg	11.44
05457	1,1,1-Trichloroethane	71-55-6	N.D.		15.	ug/kg	11.44
05458	Carbon Tetrachloride	56-23-5	N.D.		15.	ug/kg	11.44
05460	Benzene	71-43-2	N.D.		7.	ug/kg	11.44
05461	1,2-Dichloroethane	107-06-2	N.D.		15.	ug/kg	11.44
05462	Trichloroethene	79-01-6	N.D.		15.	ug/kg	11.44
05463	1,2-Dichloropropane	78-87-5	N.D.		15.	ug/kg	11.44
05465	Bromodichloromethane	75-27-4	N.D.		15.	ug/kg	11.44
05466	Toluene	108-88-3	N.D.		15.	ug/kg	11.44
05467	1,1,2-Trichloroethane	79-00-5	N.D.		15.	ug/kg	11.44
05468	Tetrachloroethene	127-18-4	N.D.		15.	ug/kg	11.44



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Lancaster Laboratories Sample No. SW 4741877

SB_202_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 11:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

202S9 SDG#: WCX08-05

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05470	Dibromochloromethane	124-48-1	N.D.	15.	ug/kg	11.44
05472	Chlorobenzene	108-90-7	N.D.	15.	ug/kg	11.44
05474	Ethylbenzene	100-41-4	20. J	15.	ug/kg	11.44
05477	Styrene	100-42-5	N.D.	15.	ug/kg	11.44
05478	Bromoform	75-25-2	N.D.	15.	ug/kg	11.44
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	15.	ug/kg	11.44
06293	Acetone	67-64-1	N.D.	100.	ug/kg	11.44
06294	Carbon Disulfide	75-15-0	N.D.	15.	ug/kg	11.44
06296	2-Butanone	78-93-3	N.D.	58.	ug/kg	11.44
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	15.	ug/kg	11.44
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	15.	ug/kg	11.44
06299	4-Methyl-2-pentanone	108-10-1	N.D.	44.	ug/kg	11.44
06300	2-Hexanone	591-78-6	N.D.	44.	ug/kg	11.44

The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/05/2006 00:44	Matthew E Barton	50
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 02:16	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/04/2006 04:48	Seth J Good	11.44
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/04/2006 04:48	Seth J Good	11.44
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:03	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:04	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 14:59	Justin M Bowers	1

0035



Lancaster Laboratories, Inc.
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Lancaster Laboratories Sample No. SW 4741878

SB_202_S11 Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 11:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

20211 SDG#: WCX08-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	13.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	230.	mg/kg	50
04704	Gasoline	8006-61-9	N.D.	230.	mg/kg	50
04705	Kerosene	8008-20-6	N.D.	230.	mg/kg	50
04706	Diesel/#2 Fuel	68334-30-5	2,200.	230.	mg/kg	50
05257	Mineral Spirits	8030-30-6	N.D.	230.	mg/kg	50
05258	#6 Fuel Oil	68553-00-4	N.D.	580.	mg/kg	50
05259	Motor Oil	n.a.	N.D.	580.	mg/kg	50
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	39.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	39.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	39.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	39.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	39.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	77.	ug/kg	1
01191	Acenaphthene	83-32-9	920.	39.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	77.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	520.	39.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	39.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	39.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	39.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	770.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	39.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	39.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	39.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	39.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	39.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4741878

SB_202_S11 Grab Soil Sample

West Complex - Phase II

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Portland ME 04101

20211 SDG#: WCX08-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03759	Isophorone	78-59-1	N.D.	39.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	39.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	77.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	39.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	77.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	39.	ug/kg	1
03768	Fluorene	86-73-7	1,700.	39.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	39.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	77.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	39.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	39.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	39.	ug/kg	1
03775	Phenanthrene	85-01-8	4,200.	39.	ug/kg	1
03776	Anthracene	120-12-7	660.	39.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	77.	ug/kg	1
03778	Fluoranthene	206-44-0	140. J	39.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	77.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	39.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	39.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	77.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	77.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	39.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	39.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	39.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	39.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	39.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	39.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	77.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	39.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	77.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	39.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	8,800.	190.	ug/kg	5
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	77.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	39.	ug/kg	8837
04697	3-Nitroaniline	99-09-2	N.D.	77.	ug/kg	1



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20211 SDG#: WCX08-06

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
04698	Dibenzofuran	132-64-9	520.		39.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.		77.	ug/kg	1
04702	Carbazole	86-74-8	N.D.		39.	ug/kg	1
00311	8260B soil special scan						
05475	m+p-Xylene	1330-20-7	40.	J	16.	ug/kg	14.21
05476	o-Xylene	95-47-6	110.		16.	ug/kg	14.21
05479	Isopropylbenzene	98-82-8	260.		16.	ug/kg	14.21
05483	n-Propylbenzene	103-65-1	430.		16.	ug/kg	14.21
05485	1,3,5-Trimethylbenzene	108-67-8	1,600.		16.	ug/kg	14.21
05487	tert-Butylbenzene	98-06-6	26.	J	16.	ug/kg	14.21
05488	1,2,4-Trimethylbenzene	95-63-6	2,200.		16.	ug/kg	14.21
05489	sec-Butylbenzene	135-98-8	590.		16.	ug/kg	14.21
05490	p-Isopropyltoluene	99-87-6	540.		16.	ug/kg	14.21
05493	n-Butylbenzene	104-51-8	620.		16.	ug/kg	14.21
05498	Naphthalene	91-20-3	1,300.		16.	ug/kg	14.21
06292	TCL by 8260 (soil)						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		8.	ug/kg	14.21
05444	Chloromethane	74-87-3	N.D.		33.	ug/kg	14.21
05445	Vinyl Chloride	75-01-4	N.D.		16.	ug/kg	14.21
05446	Bromomethane	74-83-9	N.D.		33.	ug/kg	14.21
05447	Chloroethane	75-00-3	N.D.		33.	ug/kg	14.21
05449	1,1-Dichloroethene	75-35-4	N.D.		16.	ug/kg	14.21
05450	Methylene Chloride	75-09-2	N.D.		33.	ug/kg	14.21
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		16.	ug/kg	14.21
05452	1,1-Dichloroethane	75-34-3	N.D.		16.	ug/kg	14.21
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		16.	ug/kg	14.21
05455	Chloroform	67-66-3	N.D.		16.	ug/kg	14.21
05457	1,1,1-Trichloroethane	71-55-6	N.D.		16.	ug/kg	14.21
05458	Carbon Tetrachloride	56-23-5	N.D.		16.	ug/kg	14.21
05460	Benzene	71-43-2	N.D.		8.	ug/kg	14.21
05461	1,2-Dichloroethane	107-06-2	N.D.		16.	ug/kg	14.21
05462	Trichloroethene	79-01-6	N.D.		16.	ug/kg	14.21
05463	1,2-Dichloropropane	78-87-5	N.D.		16.	ug/kg	14.21
05465	Bromodichloromethane	75-27-4	N.D.		16.	ug/kg	14.21
05466	Toluene	108-88-3	N.D.		16.	ug/kg	14.21
05467	1,1,2-Trichloroethane	79-00-5	N.D.		16.	ug/kg	14.21
05468	Tetrachloroethene	127-18-4	N.D.		16.	ug/kg	14.21



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Lancaster Laboratories Sample No. SW 4741878

SB_202_S11 Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 11:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

20211 SDG#: WCX08-06

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05470	Dibromochloromethane	124-48-1	N.D.	16.	ug/kg	14.21
05472	Chlorobenzene	108-90-7	N.D.	16.	ug/kg	14.21
05474	Ethylbenzene	100-41-4	66. J	16.	ug/kg	14.21
05477	Styrene	100-42-5	N.D.	16.	ug/kg	14.21
05478	Bromoform	75-25-2	N.D.	16.	ug/kg	14.21
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	16.	ug/kg	14.21
06293	Acetone	67-64-1	N.D.	120.	ug/kg	14.21
06294	Carbon Disulfide	75-15-0	N.D.	16.	ug/kg	14.21
06296	2-Butanone	78-93-3	N.D.	66.	ug/kg	14.21
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	16.	ug/kg	14.21
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	16.	ug/kg	14.21
06299	4-Methyl-2-pentanone	108-10-1	N.D.	49.	ug/kg	14.21
06300	2-Hexanone	591-78-6	N.D.	49.	ug/kg	14.21

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/05/2006 01:33	Matthew E Barton	50
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 02:38	Linda M Hartenstine	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/06/2006 04:09	Marla S Lord	5
00311	8260B soil special scan	SW-846 8260B	1	04/04/2006 05:10	Seth J Good	14.21
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/04/2006 05:10	Seth J Good	14.21
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:05	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:06	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 15:00	Justin M Bowers	1

0039



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Lancaster Laboratories Sample No. SW 4741879

SB_203_S8 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 09:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

203S8 SDG#: WCX08-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	18.7	0.50	%	1
	Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	49.	mg/kg	10
04704	Gasoline	8006-61-9	N.D.	49.	mg/kg	10
04705	Kerosene	8008-20-6	N.D.	49.	mg/kg	10
04706	Diesel/#2 Fuel	68334-30-5	1,100.	49.	mg/kg	10
05257	Mineral Spirits	8030-30-6	N.D.	49.	mg/kg	10
05258	#6 Fuel Oil	68553-00-4	N.D.	120.	mg/kg	10
05259	Motor Oil	n.a.	N.D.	120.	mg/kg	10
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	41.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	41.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	41.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	41.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	41.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	82.	ug/kg	1
01191	Acenaphthene	83-32-9	200.	41.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	210.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	82.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	210.	ug/kg	1
01195	Pyrene	129-00-0	330.	41.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	41.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	41.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	41.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	820.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	210.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	41.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	41.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	41.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	41.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	41.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4741879

SB_203_S8 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 09:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

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Portland ME 04101

203S8 SDG#: WCX08-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03759	Isophorone	78-59-1	N.D.	41.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	41.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	82.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	210.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	41.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	82.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	41.	ug/kg	1
03768	Fluorene	86-73-7	340.	41.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	41.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	82.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	41.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	41.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	41.	ug/kg	1
03775	Phenanthrene	85-01-8	690.	41.	ug/kg	1
03776	Anthracene	120-12-7	160. J	41.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	82.	ug/kg	1
03778	Fluoranthene	206-44-0	41. J	41.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	82.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	41.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	41.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	82.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	82.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	41.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	41.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	41.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	41.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	41.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	41.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	82.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	41.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	82.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	41.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	810.	41.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	82.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	41.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	82.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4741879

SB_203_S8 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 09:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

203S8 SDG#: WCX08-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
04698	Dibenzofuran	132-64-9	N.D.	41.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	82.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	41.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	16.	ug/kg	12.93
05476	o-Xylene	95-47-6	N.D.	16.	ug/kg	12.93
05479	Isopropylbenzene	98-82-8	N.D.	16.	ug/kg	12.93
05483	n-Propylbenzene	103-65-1	N.D.	16.	ug/kg	12.93
05485	1,3,5-Trimethylbenzene	108-67-8	360.	16.	ug/kg	12.93
05487	tert-Butylbenzene	98-06-6	N.D.	16.	ug/kg	12.93
05488	1,2,4-Trimethylbenzene	95-63-6	41. J	16.	ug/kg	12.93
05489	sec-Butylbenzene	135-98-8	27. J	16.	ug/kg	12.93
05490	p-Isopropyltoluene	99-87-6	180.	16.	ug/kg	12.93
05493	n-Butylbenzene	104-51-8	N.D.	16.	ug/kg	12.93
05498	Naphthalene	91-20-3	77. J	16.	ug/kg	12.93
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	8.	ug/kg	12.93
05444	Chloromethane	74-87-3	N.D.	32.	ug/kg	12.93
05445	Vinyl Chloride	75-01-4	N.D.	16.	ug/kg	12.93
05446	Bromomethane	74-83-9	N.D.	32.	ug/kg	12.93
05447	Chloroethane	75-00-3	N.D.	32.	ug/kg	12.93
05449	1,1-Dichloroethene	75-35-4	N.D.	16.	ug/kg	12.93
05450	Methylene Chloride	75-09-2	N.D.	32.	ug/kg	12.93
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	16.	ug/kg	12.93
05452	1,1-Dichloroethane	75-34-3	N.D.	16.	ug/kg	12.93
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	16.	ug/kg	12.93
05455	Chloroform	67-66-3	N.D.	16.	ug/kg	12.93
05457	1,1,1-Trichloroethane	71-55-6	N.D.	16.	ug/kg	12.93
05458	Carbon Tetrachloride	56-23-5	N.D.	16.	ug/kg	12.93
05460	Benzene	71-43-2	N.D.	8.	ug/kg	12.93
05461	1,2-Dichloroethane	107-06-2	N.D.	16.	ug/kg	12.93
05462	Trichloroethene	79-01-6	N.D.	16.	ug/kg	12.93
05463	1,2-Dichloropropane	78-87-5	N.D.	16.	ug/kg	12.93
05465	Bromodichloromethane	75-27-4	N.D.	16.	ug/kg	12.93
05466	Toluene	108-88-3	N.D.	16.	ug/kg	12.93
05467	1,1,2-Trichloroethane	79-00-5	N.D.	16.	ug/kg	12.93
05468	Tetrachloroethene	127-18-4	N.D.	16.	ug/kg	12.93



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Lancaster Laboratories Sample No. SW 4741879

SB_203_S8 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 09:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

203S8 SDG#: WCX08-07

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05470	Dibromochloromethane	124-48-1	N.D.	16.	ug/kg	12.93
05472	Chlorobenzene	108-90-7	N.D.	16.	ug/kg	12.93
05474	Ethylbenzene	100-41-4	N.D.	16.	ug/kg	12.93
05477	Styrene	100-42-5	N.D.	16.	ug/kg	12.93
05478	Bromoform	75-25-2	N.D.	16.	ug/kg	12.93
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	16.	ug/kg	12.93
06293	Acetone	67-64-1	N.D.	110.	ug/kg	12.93
06294	Carbon Disulfide	75-15-0	N.D.	16.	ug/kg	12.93
06296	2-Butanone	78-93-3	N.D.	64.	ug/kg	12.93
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	16.	ug/kg	12.93
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	16.	ug/kg	12.93
06299	4-Methyl-2-pentanone	108-10-1	N.D.	48.	ug/kg	12.93
06300	2-Hexanone	591-78-6	N.D.	48.	ug/kg	12.93

The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/05/2006 02:22	Matthew E Barton	10
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 02:59	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/04/2006 05:33	Seth J Good	12.93
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/04/2006 05:33	Seth J Good	12.93
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:07	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:08	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 15:01	Justin M Bowers	1

0843



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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4741873

SB_204_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 13:30 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Sanborn Head & Associates

Reported: 04/20/2006 at 13:34

95 High Street

Discard: 05/05/2006

Portland ME 04101

204S3 SDG#: WCX08-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	12.5	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	23.	mg/kg	5
04704	Gasoline	8006-61-9	N.D.	23.	mg/kg	5
04705	Kerosene	8008-20-6	N.D.	23.	mg/kg	5
04706	Diesel/#2 Fuel	68334-30-5	520.	23.	mg/kg	5
05257	Mineral Spirits	8030-30-6	N.D.	23.	mg/kg	5
05258	#6 Fuel Oil	68553-00-4	N.D.	57.	mg/kg	5
05259	Motor Oil	n.a.	N.D.	57.	mg/kg	5
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	38.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	38.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	38.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	38.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	38.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	76.	ug/kg	1
01191	Acenaphthene	83-32-9	220.	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	76.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	160.	38.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	38.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	38.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	760.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	38.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	38.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	38.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	38.	ug/kg	8818
03758	Nitrobenzene	98-95-3	N.D.	38.	ug/kg	1



Lancaster Laboratories, Inc.
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Lancaster Laboratories Sample No. SW 4741873

SB_204_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 13:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

204S3 SDG#: WCX08-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03759	Isophorone	78-59-1	N.D.	38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	76.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	76.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	38.	ug/kg	1
03768	Fluorene	86-73-7	370.	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	38.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	76.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	38.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	38.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	38.	ug/kg	1
03775	Phenanthrene	85-01-8	1,000.	38.	ug/kg	1
03776	Anthracene	120-12-7	180. J	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	76.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	76.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	38.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	76.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	76.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	38.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	76.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	38.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	76.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	38.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	2,700.	38.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	76.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	38.	ug/kg	8818
04697	3-Nitroaniline	99-09-2	N.D.	76.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4741873

SB_204_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 13:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

204S3 SDG#: WCX08-01

CAT No.	Analysis Name	CAS Number	Dry Result		Dry Method Detection Limit	Units	Dilution Factor
04698	Dibenzofuran	132-64-9	130.	J	38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.		76.	ug/kg	1
04702	Carbazole	86-74-8	N.D.		38.	ug/kg	1
00311	8260B soil special scan						
05475	m+p-Xylene	1330-20-7	39.	J	15.	ug/kg	12.87
05476	o-Xylene	95-47-6	N.D.		15.	ug/kg	12.87
05479	Isopropylbenzene	98-82-8	22.	J	15.	ug/kg	12.87
05483	n-Propylbenzene	103-65-1	35.	J	15.	ug/kg	12.87
05485	1,3,5-Trimethylbenzene	108-67-8	280.		15.	ug/kg	12.87
05487	tert-Butylbenzene	98-06-6	N.D.		15.	ug/kg	12.87
05488	1,2,4-Trimethylbenzene	95-63-6	410.		15.	ug/kg	12.87
05489	sec-Butylbenzene	135-98-8	110.		15.	ug/kg	12.87
05490	p-Isopropyltoluene	99-87-6	120.		15.	ug/kg	12.87
05493	n-Butylbenzene	104-51-8	120.		15.	ug/kg	12.87
05498	Naphthalene	91-20-3	290.		15.	ug/kg	12.87
06292	TCL by 8260 (soil)						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.		7.	ug/kg	12.87
05444	Chloromethane	74-87-3	N.D.		29.	ug/kg	12.87
05445	Vinyl Chloride	75-01-4	N.D.		15.	ug/kg	12.87
05446	Bromomethane	74-83-9	N.D.		29.	ug/kg	12.87
05447	Chloroethane	75-00-3	N.D.		29.	ug/kg	12.87
05449	1,1-Dichloroethene	75-35-4	N.D.		15.	ug/kg	12.87
05450	Methylene Chloride	75-09-2	N.D.		29.	ug/kg	12.87
05451	trans-1,2-Dichloroethene	156-60-5	N.D.		15.	ug/kg	12.87
05452	1,1-Dichloroethane	75-34-3	N.D.		15.	ug/kg	12.87
05454	cis-1,2-Dichloroethene	156-59-2	N.D.		15.	ug/kg	12.87
05455	Chloroform	67-66-3	N.D.		15.	ug/kg	12.87
05457	1,1,1-Trichloroethane	71-55-6	N.D.		15.	ug/kg	12.87
05458	Carbon Tetrachloride	56-23-5	N.D.		15.	ug/kg	12.87
05460	Benzene	71-43-2	N.D.		7.	ug/kg	12.87
05461	1,2-Dichloroethane	107-06-2	N.D.		15.	ug/kg	12.87
05462	Trichloroethene	79-01-6	N.D.		15.	ug/kg	12.87
05463	1,2-Dichloropropane	78-87-5	N.D.		15.	ug/kg	12.87
05465	Bromodichloromethane	75-27-4	N.D.		15.	ug/kg	12.87
05466	Toluene	108-88-3	N.D.		15.	ug/kg	12.87
05467	1,1,2-Trichloroethane	79-00-5	N.D.		15.	ug/kg	12.87
05468	Tetrachloroethene	127-18-4	N.D.		15.	ug/kg	12.87



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Lancaster Laboratories Sample No. SW 4741873

SB_204_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 13:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

204S3 SDG#: WCX08-01

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05470	Dibromochloromethane	124-48-1	N.D.	15.	ug/kg	12.87
05472	Chlorobenzene	108-90-7	N.D.	15.	ug/kg	12.87
05474	Ethylbenzene	100-41-4	N.D.	15.	ug/kg	12.87
05477	Styrene	100-42-5	N.D.	15.	ug/kg	12.87
05478	Bromoform	75-25-2	N.D.	15.	ug/kg	12.87
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	15.	ug/kg	12.87
06293	Acetone	67-64-1	N.D.	100.	ug/kg	12.87
06294	Carbon Disulfide	75-15-0	N.D.	15.	ug/kg	12.87
06296	2-Butanone	78-93-3	N.D.	59.	ug/kg	12.87
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	15.	ug/kg	12.87
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	15.	ug/kg	12.87
06299	4-Methyl-2-pentanone	108-10-1	N.D.	44.	ug/kg	12.87
06300	2-Hexanone	591-78-6	N.D.	44.	ug/kg	12.87

The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	2	04/04/2006 16:38	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/04/2006 20:40	Matthew E Barton	5
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 01:33	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/04/2006 04:02	Seth J Good	12.87
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/04/2006 04:02	Seth J Good	12.87
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 14:55	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 14:56	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 14:55	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	2	04/01/2006 14:55	Justin M Bowers	1

8821



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Lancaster Laboratories Sample No. SW 4741874

SB_205_S4 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 12:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

205S4 SDG#: WCX08-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	12.1	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	46.	mg/kg	10
04704	Gasoline	8006-61-9	N.D.	46.	mg/kg	10
04705	Kerosene	8008-20-6	N.D.	46.	mg/kg	10
04706	Diesel/#2 Fuel	68334-30-5	1,200.	46.	mg/kg	10
05257	Mineral Spirits	8030-30-6	N.D.	46.	mg/kg	10
05258	#6 Fuel Oil	68553-00-4	N.D.	110.	mg/kg	10
05259	Motor Oil	n.a.	N.D.	110.	mg/kg	10
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	38.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	38.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	38.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	38.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	38.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	76.	ug/kg	1
01191	Acenaphthene	83-32-9	430.	38.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	190.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	76.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	190.	ug/kg	1
01195	Pyrene	129-00-0	270.	38.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	38.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	38.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	38.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	760.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	190.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	38.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	38.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	38.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	38.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	38.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4741874

SB_205_S4 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 12:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

205S4 SDG#: WCX08-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
03759	Isophorone	78-59-1	N.D.	38.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	38.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	76.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	190.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	38.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	76.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	38.	ug/kg	1
03768	Fluorene	86-73-7	750.	38.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	38.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	76.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	38.	ug/kg	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	38.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	38.	ug/kg	1
03775	Phenanthrene	85-01-8	2,000.	38.	ug/kg	1
03776	Anthracene	120-12-7	350.	38.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	76.	ug/kg	1
03778	Fluoranthene	206-44-0	64. J	38.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	76.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	38.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	38.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	76.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	76.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	38.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	38.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	38.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	38.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	38.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	38.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	76.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	38.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	76.	ug/kg	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04693	4-Chloroaniline	106-47-8	N.D.	38.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	7,900.	190.	ug/kg	5
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	76.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	38.	ug/kg	0023
04697	3-Nitroaniline	99-09-2	N.D.	76.	ug/kg	1



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Lancaster Laboratories Sample No. SW 4741874

SB_205_S4 Grab Soil Sample

West Complex - Phase II

Collected: 03/28/2006 12:30

by GM

Account Number: 09671

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Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

205S4 SDG#: WCX08-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
04698	Dibenzofuran	132-64-9	260.	38.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	76.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	38.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	84.	15.	ug/kg	13.4
05476	o-Xylene	95-47-6	30. J	15.	ug/kg	13.4
05479	Isopropylbenzene	98-82-8	140.	15.	ug/kg	13.4
05483	n-Propylbenzene	103-65-1	250.	15.	ug/kg	13.4
05485	1,3,5-Trimethylbenzene	108-67-8	1,000.	15.	ug/kg	13.4
05487	tert-Butylbenzene	98-06-6	N.D.	15.	ug/kg	13.4
05488	1,2,4-Trimethylbenzene	95-63-6	2,600.	15.	ug/kg	13.4
05489	sec-Butylbenzene	135-98-8	320.	15.	ug/kg	13.4
05490	p-Isopropyltoluene	99-87-6	380.	15.	ug/kg	13.4
05493	n-Butylbenzene	104-51-8	430.	15.	ug/kg	13.4
05498	Naphthalene	91-20-3	1,500.	15.	ug/kg	13.4
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	8.	ug/kg	13.4
05444	Chloromethane	74-87-3	N.D.	30.	ug/kg	13.4
05445	Vinyl Chloride	75-01-4	N.D.	15.	ug/kg	13.4
05446	Bromomethane	74-83-9	N.D.	30.	ug/kg	13.4
05447	Chloroethane	75-00-3	N.D.	30.	ug/kg	13.4
05449	1,1-Dichloroethene	75-35-4	N.D.	15.	ug/kg	13.4
05450	Methylene Chloride	75-09-2	N.D.	30.	ug/kg	13.4
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	15.	ug/kg	13.4
05452	1,1-Dichloroethane	75-34-3	N.D.	15.	ug/kg	13.4
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	15.	ug/kg	13.4
05455	Chloroform	67-66-3	N.D.	15.	ug/kg	13.4
05457	1,1,1-Trichloroethane	71-55-6	N.D.	15.	ug/kg	13.4
05458	Carbon Tetrachloride	56-23-5	N.D.	15.	ug/kg	13.4
05460	Benzene	71-43-2	N.D.	8.	ug/kg	13.4
05461	1,2-Dichloroethane	107-06-2	N.D.	15.	ug/kg	13.4
05462	Trichloroethene	79-01-6	N.D.	15.	ug/kg	13.4
05463	1,2-Dichloropropane	78-87-5	N.D.	15.	ug/kg	13.4
05465	Bromodichloromethane	75-27-4	N.D.	15.	ug/kg	13.4
05466	Toluene	108-88-3	N.D.	15.	ug/kg	13.4
05467	1,1,2-Trichloroethane	79-00-5	N.D.	15.	ug/kg	13.4
05468	Tetrachloroethene	127-18-4	N.D.	15.	ug/kg	13.4



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Portland ME 04101

205S4 SDG#: WCX08-02

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05470	Dibromochloromethane	124-48-1	N.D.	15.	ug/kg	13.4
05472	Chlorobenzene	108-90-7	N.D.	15.	ug/kg	13.4
05474	Ethylbenzene	100-41-4	58. J	15.	ug/kg	13.4
05477	Styrene	100-42-5	N.D.	15.	ug/kg	13.4
05478	Bromoform	75-25-2	N.D.	15.	ug/kg	13.4
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	15.	ug/kg	13.4
06293	Acetone	67-64-1	N.D.	110.	ug/kg	13.4
06294	Carbon Disulfide	75-15-0	N.D.	15.	ug/kg	13.4
06296	2-Butanone	78-93-3	N.D.	61.	ug/kg	13.4
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	15.	ug/kg	13.4
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	15.	ug/kg	13.4
06299	4-Methyl-2-pentanone	108-10-1	N.D.	46.	ug/kg	13.4
06300	2-Hexanone	591-78-6	N.D.	46.	ug/kg	13.4

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/04/2006 22:17	Matthew E Barton	10
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 01:55	Linda M Hartenstine	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/06/2006 03:48	Marla S Lord	5
00311	8260B soil special scan	SW-846 8260B	1	04/04/2006 04:25	Seth J Good	13.4
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/04/2006 04:25	Seth J Good	13.4
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 14:57	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 14:58	Justin M Bowers	1
04833	Extraction / Fuel TPH (Soils)	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	1	04/01/2006 14:56	Justin M Bowers	1
07579	GC/MS-Field PreservedMeOH-NC	SW-846 5035A	2	04/01/2006 14:56	Justin M Bowers	1

8825



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Lancaster Laboratories Sample No. SW 4741882

SB_206_S8A Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 14:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

2068A SDG#: WCX08-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	21.4	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	51.	mg/kg	10
04704	Gasoline	8006-61-9	N.D.	51.	mg/kg	10
04705	Kerosene	8008-20-6	N.D.	51.	mg/kg	10
04706	Diesel/#2 Fuel	68334-30-5	1,800.	51.	mg/kg	10
05257	Mineral Spirits	8030-30-6	N.D.	51.	mg/kg	10
05258	#6 Fuel Oil	68553-00-4	N.D.	130.	mg/kg	10
05259	Motor Oil	n.a.	N.D.	130.	mg/kg	10
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	17.	ug/kg	13.31
05476	o-Xylene	95-47-6	N.D.	17.	ug/kg	13.31
05479	Isopropylbenzene	98-82-8	250.	17.	ug/kg	13.31
05483	n-Propylbenzene	103-65-1	320.	17.	ug/kg	13.31
05485	1,3,5-Trimethylbenzene	108-67-8	1,000.	17.	ug/kg	13.31
05487	tert-Butylbenzene	98-06-6	N.D.	17.	ug/kg	13.31
05488	1,2,4-Trimethylbenzene	95-63-6	290.	17.	ug/kg	13.31
05489	sec-Butylbenzene	135-98-8	370.	17.	ug/kg	13.31
05490	p-Isopropyltoluene	99-87-6	220.	17.	ug/kg	13.31
05493	n-Butylbenzene	104-51-8	250.	17.	ug/kg	13.31
05498	Naphthalene	91-20-3	660.	17.	ug/kg	13.31
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	8.	ug/kg	13.31
05444	Chloromethane	74-87-3	N.D.	34.	ug/kg	13.31
05445	Vinyl Chloride	75-01-4	N.D.	17.	ug/kg	13.31
05446	Bromomethane	74-83-9	N.D.	34.	ug/kg	13.31
05447	Chloroethane	75-00-3	N.D.	34.	ug/kg	13.31
05449	1,1-Dichloroethene	75-35-4	N.D.	17.	ug/kg	13.31
05450	Methylene Chloride	75-09-2	N.D.	34.	ug/kg	13.31
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	17.	ug/kg	13.31



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Lancaster Laboratories Sample No. SW 4741882

SB_206_S8A Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 14:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

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Portland ME 04101

2068A SDG#: WCX08-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05452	1,1-Dichloroethane	75-34-3	N.D.	17.	ug/kg	13.31
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	17.	ug/kg	13.31
05455	Chloroform	67-66-3	N.D.	17.	ug/kg	13.31
05457	1,1,1-Trichloroethane	71-55-6	N.D.	17.	ug/kg	13.31
05458	Carbon Tetrachloride	56-23-5	N.D.	17.	ug/kg	13.31
05460	Benzene	71-43-2	N.D.	8.	ug/kg	13.31
05461	1,2-Dichloroethane	107-06-2	N.D.	17.	ug/kg	13.31
05462	Trichloroethene	79-01-6	N.D.	17.	ug/kg	13.31
05463	1,2-Dichloropropane	78-87-5	N.D.	17.	ug/kg	13.31
05465	Bromodichloromethane	75-27-4	N.D.	17.	ug/kg	13.31
05466	Toluene	108-88-3	N.D.	17.	ug/kg	13.31
05467	1,1,2-Trichloroethane	79-00-5	N.D.	17.	ug/kg	13.31
05468	Tetrachloroethene	127-18-4	N.D.	17.	ug/kg	13.31
05470	Dibromochloromethane	124-48-1	N.D.	17.	ug/kg	13.31
05472	Chlorobenzene	108-90-7	N.D.	17.	ug/kg	13.31
05474	Ethylbenzene	100-41-4	N.D.	17.	ug/kg	13.31
05477	Styrene	100-42-5	N.D.	17.	ug/kg	13.31
05478	Bromoform	75-25-2	N.D.	17.	ug/kg	13.31
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	17.	ug/kg	13.31
06293	Acetone	67-64-1	N.D.	120.	ug/kg	13.31
06294	Carbon Disulfide	75-15-0	N.D.	17.	ug/kg	13.31
06296	2-Butanone	78-93-3	N.D.	68.	ug/kg	13.31
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	17.	ug/kg	13.31
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	17.	ug/kg	13.31
06299	4-Methyl-2-pentanone	108-10-1	N.D.	51.	ug/kg	13.31
06300	2-Hexanone	591-78-6	N.D.	51.	ug/kg	13.31

The GC/MS volatile analysis was performed according to the high level soil method due to the level of non-target compounds. Therefore, the reporting limits were raised.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/05/2006 03:11	Matthew P. Barton	10



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Lancaster Laboratories Sample No. SW 4741882

SB_206_S8A Grab Soil Sample

West Complex - Phase II

Collected: 03/30/2006 14:00 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

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2068A	SDG#: WCX08-10				
00311	8260B soil special scan	SW-846 8260B	1	04/04/2006 05:56	Seth J Good 13.31
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/04/2006 05:56	Seth J Good 13.31
02392	GC/MS - Field Preserved	SW-846 5035A	1	04/01/2006 15:13	Justin M Bowers 1
	NaHSO4				
02392	GC/MS - Field Preserved	SW-846 5035A	2	04/01/2006 15:14	Justin M Bowers 1
	NaHSO4				
04833	Extraction / Fuel TPH	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto 1
	(Soils)				
07579	GC/MS-Field PreservedMeOH-	SW-846 5035A	1	04/01/2006 15:04	Justin M Bowers 1
	NC				

8854



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Lancaster Laboratories Sample No. SW 4741875

SB_207_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 13:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

207S5 SDG#: WCX08-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	10.9	0.50	%	1
	Moisture represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
05256	TPH by GC-FID (Soils)					
02890	Coal Tar Oil	8001-58-9	N.D.	4.5	mg/kg	1
04704	Gasoline	8006-61-9	N.D.	4.5	mg/kg	1
04705	Kerosene	8008-20-6	N.D.	4.5	mg/kg	1
04706	Diesel/#2 Fuel	68334-30-5	N.D.	4.5	mg/kg	1
05257	Mineral Spirits	8030-30-6	N.D.	4.5	mg/kg	1
05258	#6 Fuel Oil	68553-00-4	N.D.	11.	mg/kg	1
05259	Motor Oil	n.a.	N.D.	11.	mg/kg	1
	TPH quantitation is based on peak area comparison of the sample pattern to that of a hydrocarbon component mix calibration in a range that includes C8 (n-octane) through C40 (n-tetracontane) normal hydrocarbons.					
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.6
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.6
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.6
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.6
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.6
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.6
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.6
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.6
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.6
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.6
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.6
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.6
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.6
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.6
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.6
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.6
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.6
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.6
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.6



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Lancaster Laboratories Sample No. SW 4741875

SB_207_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 13:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

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207S5 SDG#: WCX08-03

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.6
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.6
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.6
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.6
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.6
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.6
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.6
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.6
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.6
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.6
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.6
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.6
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.6
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.6
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.6
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.6
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.6
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.6
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.6
06293	Acetone	67-64-1	36.	5.	ug/kg	0.6
06294	Carbon Disulfide	75-15-0	N.D.	0.7	ug/kg	0.6
06296	2-Butanone	78-93-3	4. J	3.	ug/kg	0.6
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.6
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.6
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.6
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.6

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
05256	TPH by GC-FID (Soils)	SW-846 8015B modified	1	04/04/2006 23:06	Matthew E Barton	1
00311	8260B soil special scan	SW-846 8260B	1	04/03/2006 16:15	Kenneth L Boley Jr	0.6
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/03/2006 16:15	Kenneth L Boley Jr	0.6
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 14:59	Justin M Bowers	1



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Lancaster Laboratories Sample No. SW 4741875

SB_207_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 13:00 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:34

Discard: 05/05/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

207S5	SDG#: WCX08-03				
02392	GC/MS - Field Preserved	SW-846 5035A	2	04/01/2006 15:00	Justin M Bowers 1
	NaHSO4				
04833	Extraction / Fuel TPH	SW-846 3550B	1	04/03/2006 19:30	Jessica Agosto 1
	(Soils)				
07579	GC/MS-Field PreservedMeOH-	SW-846 5035A	1	04/01/2006 14:57	Justin M Bowers 1
	NC				

0028



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Lancaster Laboratories Sample No. SW 4741880

SB_208_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 10:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S3 SDG#: WCX08-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	8.8	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	37.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	37.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	37.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	37.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	37.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	73.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	37.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	180.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	73.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	180.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	37.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	37.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	37.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	37.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	730.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	180.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	37.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	37.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	37.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	37.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	37.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	37.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	37.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	73.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	180.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	37.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	73.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	37.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	37.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	37.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	73.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	37.	ug/kg	1

N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine.
The result reported for N-nitrosodiphenylamine represents the combined

0044



Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4741880

SB_208_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 10:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S3 SDG#: WCX08-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	37.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	37.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	37.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	37.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	73.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	37.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	73.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	37.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	37.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	73.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	73.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	37.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	37.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	37.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	37.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	37.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	37.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	73.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	37.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	73.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	37.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	37.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	73.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	37.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	73.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	37.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	73.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	37.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.6	ug/kg	0.56
05476	o-Xylene	95-47-6	N.D.	0.6	ug/kg	0.56
05479	Isopropylbenzene	98-82-8	N.D.	0.6	ug/kg	0.56
05483	n-Propylbenzene	103-65-1	N.D.	0.6	ug/kg	0.56
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.6	ug/kg	0.56
05487	tert-Butylbenzene	98-06-6	N.D.	0.6	ug/kg	0.56



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Lancaster Laboratories Sample No. SW 4741880

SB_208_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 10:00

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S3 SDG#: WCX08-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.6	ug/kg	0.56
05489	sec-Butylbenzene	135-98-8	N.D.	0.6	ug/kg	0.56
05490	p-Isopropyltoluene	99-87-6	N.D.	0.6	ug/kg	0.56
05493	n-Butylbenzene	104-51-8	N.D.	0.6	ug/kg	0.56
05498	Naphthalene	91-20-3	N.D.	0.6	ug/kg	0.56
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.56
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.56
05445	Vinyl Chloride	75-01-4	N.D.	0.6	ug/kg	0.56
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.56
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.56
05449	1,1-Dichloroethene	75-35-4	N.D.	0.6	ug/kg	0.56
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.56
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.6	ug/kg	0.56
05452	1,1-Dichloroethane	75-34-3	N.D.	0.6	ug/kg	0.56
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.6	ug/kg	0.56
05455	Chloroform	67-66-3	N.D.	0.6	ug/kg	0.56
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.6	ug/kg	0.56
05458	Carbon Tetrachloride	56-23-5	N.D.	0.6	ug/kg	0.56
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.56
05461	1,2-Dichloroethane	107-06-2	N.D.	0.6	ug/kg	0.56
05462	Trichloroethene	79-01-6	N.D.	0.6	ug/kg	0.56
05463	1,2-Dichloropropane	78-87-5	N.D.	0.6	ug/kg	0.56
05465	Bromodichloromethane	75-27-4	N.D.	0.6	ug/kg	0.56
05466	Toluene	108-88-3	N.D.	0.6	ug/kg	0.56
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.6	ug/kg	0.56
05468	Tetrachloroethene	127-18-4	N.D.	0.6	ug/kg	0.56
05470	Dibromochloromethane	124-48-1	N.D.	0.6	ug/kg	0.56
05472	Chlorobenzene	108-90-7	N.D.	0.6	ug/kg	0.56
05474	Ethylbenzene	100-41-4	N.D.	0.6	ug/kg	0.56
05477	Styrene	100-42-5	N.D.	0.6	ug/kg	0.56
05478	Bromoform	75-25-2	N.D.	0.6	ug/kg	0.56
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.6	ug/kg	0.56
06293	Acetone	67-64-1	27.	4.	ug/kg	0.56
06294	Carbon Disulfide	75-15-0	2. J	0.6	ug/kg	0.56
06296	2-Butanone	78-93-3	3. J	2.	ug/kg	0.56
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.6	ug/kg	0.56
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.6	ug/kg	0.56
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.56



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Lancaster Laboratories Sample No. SW 4741880

SB_208_S3 Grab Soil Sample

West Complex - Phase II

Collected: 03/27/2006 10:00 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S3 SDG#: WCX08-08

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.56

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 03:21	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/03/2006 17:02	Kenneth L Boley Jr	0.56
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/03/2006 17:02	Kenneth L Boley Jr	0.56
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:09	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:10	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 15:02	Justin M Bowers	1

0047



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Lancaster Laboratories Sample No. SW 4741881

SB_208_S6 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 10:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S6 SDG#: WCX08-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	17.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	40.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	40.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	40.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	40.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	40.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	81.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	40.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	200.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	81.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	200.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	40.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	40.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	120.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	40.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	40.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	810.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	200.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	40.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	40.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	40.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	40.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	40.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	40.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	40.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	81.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	200.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	40.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	81.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	40.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	40.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	40.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	81.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	40.	ug/kg	1

N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine.
The result reported for N-nitrosodiphenylamine represents the combined

8848



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. SW 4741881

SB_208_S6 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 10:30

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S6 SDG#: WCX08-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	40.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	40.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	40.	ug/kg	1
03776	Anthracene	120-12-7	72. J	40.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	81.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	40.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	81.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	40.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	40.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	120.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	81.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	81.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	40.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	40.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	40.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	40.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	40.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	40.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	81.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	40.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	81.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	40.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	40.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	81.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	40.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	81.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	40.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	81.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	40.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.9	ug/kg	0.73
05476	o-Xylene	95-47-6	N.D.	0.9	ug/kg	0.73
05479	Isopropylbenzene	98-82-8	N.D.	0.9	ug/kg	0.73
05483	n-Propylbenzene	103-65-1	N.D.	0.9	ug/kg	0.73
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.9	ug/kg	0.73
05487	tert-Butylbenzene	98-06-6	N.D.	0.9	ug/kg	0.73



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Lancaster Laboratories Sample No. SW 4741881

SB_208_S6 Grab Soil Sample

West Complex - Phase II

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208S6 SDG#: WCX08-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.9	ug/kg	0.73
05489	sec-Butylbenzene	135-98-8	N.D.	0.9	ug/kg	0.73
05490	p-Isopropyltoluene	99-87-6	N.D.	0.9	ug/kg	0.73
05493	n-Butylbenzene	104-51-8	N.D.	0.9	ug/kg	0.73
05498	Naphthalene	91-20-3	N.D.	0.9	ug/kg	0.73
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	0.8 J	0.4	ug/kg	0.73
05444	Chloromethane	74-87-3	N.D.	2.	ug/kg	0.73
05445	Vinyl Chloride	75-01-4	N.D.	0.9	ug/kg	0.73
05446	Bromomethane	74-83-9	N.D.	2.	ug/kg	0.73
05447	Chloroethane	75-00-3	N.D.	2.	ug/kg	0.73
05449	1,1-Dichloroethene	75-35-4	N.D.	0.9	ug/kg	0.73
05450	Methylene Chloride	75-09-2	N.D.	2.	ug/kg	0.73
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.9	ug/kg	0.73
05452	1,1-Dichloroethane	75-34-3	N.D.	0.9	ug/kg	0.73
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.9	ug/kg	0.73
05455	Chloroform	67-66-3	N.D.	0.9	ug/kg	0.73
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.9	ug/kg	0.73
05458	Carbon Tetrachloride	56-23-5	N.D.	0.9	ug/kg	0.73
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.73
05461	1,2-Dichloroethane	107-06-2	N.D.	0.9	ug/kg	0.73
05462	Trichloroethene	79-01-6	N.D.	0.9	ug/kg	0.73
05463	1,2-Dichloropropane	78-87-5	N.D.	0.9	ug/kg	0.73
05465	Bromodichloromethane	75-27-4	N.D.	0.9	ug/kg	0.73
05466	Toluene	108-88-3	N.D.	0.9	ug/kg	0.73
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.9	ug/kg	0.73
05468	Tetrachloroethene	127-18-4	N.D.	0.9	ug/kg	0.73
05470	Dibromochloromethane	124-48-1	N.D.	0.9	ug/kg	0.73
05472	Chlorobenzene	108-90-7	N.D.	0.9	ug/kg	0.73
05474	Ethylbenzene	100-41-4	N.D.	0.9	ug/kg	0.73
05477	Styrene	100-42-5	N.D.	0.9	ug/kg	0.73
05478	Bromoform	75-25-2	N.D.	0.9	ug/kg	0.73
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.9	ug/kg	0.73
06293	Acetone	67-64-1	7. J	6.	ug/kg	0.73
06294	Carbon Disulfide	75-15-0	1. J	0.9	ug/kg	0.73
06296	2-Butanone	78-93-3	N.D.	4.	ug/kg	0.73
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.9	ug/kg	0.73
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.9	ug/kg	0.73
06299	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/kg	0.73



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SB_208_S6 Grab Soil Sample

West Complex - Phase II

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Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

208S6 SDG#: WCX08-09

CAT	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
No.						
06300	2-Hexanone	591-78-6	N.D.	3.	ug/kg	0.73

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
No.						
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 03:43	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/03/2006 17:25	Kenneth L Boley Jr	0.73
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/03/2006 17:25	Kenneth L Boley Jr	0.73
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryann G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:11	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:12	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 15:03	Justin M Bowers	1

0051



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2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4741885

SB_209_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 13:50

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

209S9 SDG#: WCX08-13*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	6.6	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	36.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	36.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	36.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	36.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	36.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	71.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	36.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	180.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	71.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	180.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	36.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	36.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	36.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	36.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	710.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	180.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	36.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	36.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	36.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	36.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	36.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	36.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	36.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	71.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	180.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	36.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	71.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	36.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	36.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	36.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	71.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	36.	ug/kg	1

N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine.
The result reported for N-nitrosodiphenylamine represents the combined

886.1



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Lancaster Laboratories Sample No. SW 4741885

SB_209_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 13:50

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

209S9 SDG#: WCX08-13*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	36.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	36.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	36.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	36.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	71.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	36.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	71.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	36.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	36.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	110. J	71.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	71.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	36.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	36.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	36.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	36.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	36.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	36.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	71.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	36.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	71.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	36.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	36.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	71.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	36.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	71.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	36.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	71.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	36.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.7	ug/kg	0.65
05476	o-Xylene	95-47-6	N.D.	0.7	ug/kg	0.65
05479	Isopropylbenzene	98-82-8	N.D.	0.7	ug/kg	0.65
05483	n-Propylbenzene	103-65-1	N.D.	0.7	ug/kg	0.65
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.7	ug/kg	0.65
05487	tert-Butylbenzene	98-06-6	N.D.	0.7	ug/kg	0.65



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Lancaster Laboratories Sample No. SW 4741885

SB_209_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 13:50

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

209S9 SDG#: WCX08-13*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.7	ug/kg	0.65
05489	sec-Butylbenzene	135-98-8	N.D.	0.7	ug/kg	0.65
05490	p-Isopropyltoluene	99-87-6	N.D.	0.7	ug/kg	0.65
05493	n-Butylbenzene	104-51-8	N.D.	0.7	ug/kg	0.65
05498	Naphthalene	91-20-3	N.D.	0.7	ug/kg	0.65
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.3	ug/kg	0.65
05444	Chloromethane	74-87-3	N.D.	1.	ug/kg	0.65
05445	Vinyl Chloride	75-01-4	N.D.	0.7	ug/kg	0.65
05446	Bromomethane	74-83-9	N.D.	1.	ug/kg	0.65
05447	Chloroethane	75-00-3	N.D.	1.	ug/kg	0.65
05449	1,1-Dichloroethene	75-35-4	N.D.	0.7	ug/kg	0.65
05450	Methylene Chloride	75-09-2	N.D.	1.	ug/kg	0.65
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.7	ug/kg	0.65
05452	1,1-Dichloroethane	75-34-3	N.D.	0.7	ug/kg	0.65
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.7	ug/kg	0.65
05455	Chloroform	67-66-3	N.D.	0.7	ug/kg	0.65
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.7	ug/kg	0.65
05458	Carbon Tetrachloride	56-23-5	N.D.	0.7	ug/kg	0.65
05460	Benzene	71-43-2	N.D.	0.3	ug/kg	0.65
05461	1,2-Dichloroethane	107-06-2	N.D.	0.7	ug/kg	0.65
05462	Trichloroethene	79-01-6	N.D.	0.7	ug/kg	0.65
05463	1,2-Dichloropropane	78-87-5	N.D.	0.7	ug/kg	0.65
05465	Bromodichloromethane	75-27-4	N.D.	0.7	ug/kg	0.65
05466	Toluene	108-88-3	N.D.	0.7	ug/kg	0.65
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.7	ug/kg	0.65
05468	Tetrachloroethene	127-18-4	N.D.	0.7	ug/kg	0.65
05470	Dibromochloromethane	124-48-1	N.D.	0.7	ug/kg	0.65
05472	Chlorobenzene	108-90-7	N.D.	0.7	ug/kg	0.65
05474	Ethylbenzene	100-41-4	N.D.	0.7	ug/kg	0.65
05477	Styrene	100-42-5	N.D.	0.7	ug/kg	0.65
05478	Bromoform	75-25-2	N.D.	0.7	ug/kg	0.65
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.7	ug/kg	0.65
06293	Acetone	67-64-1	N.D.	5.	ug/kg	0.65
06294	Carbon Disulfide	75-15-0	N.D.	0.7	ug/kg	0.65
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.65
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.7	ug/kg	0.65
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.7	ug/kg	0.65
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.65



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Lancaster Laboratories Sample No. SW 4741885

SB_209_S9 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 13:50

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

209S9 SDG#: WCX08-13*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.65

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 04:26	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/03/2006 18:11	Kenneth L Boley Jr	0.65
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/03/2006 18:11	Kenneth L Boley Jr	0.65
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryann G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:17	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:18	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 15:06	Justin M Bowers	1

0064



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Lancaster Laboratories Sample No. SW 4741884

SB_210_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 11:45

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

210S5 SDG#: WCX08-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	7.3	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	36.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	36.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	36.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	36.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	36.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	72.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	36.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	180.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	72.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	180.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	36.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	36.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	110.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	36.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	36.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	720.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	180.	ug/kg	1
03753	bis(2-Chloroethyl)ether	111-44-4	N.D.	36.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	36.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	36.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	36.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	36.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	36.	ug/kg	1
03760	bis(2-Chloroethoxy)methane	111-91-1	N.D.	36.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	72.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	180.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	36.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	72.	ug/kg	1
03767	2,6-Dinitrotoluene	606-20-2	N.D.	36.	ug/kg	1
03768	Fluorene	86-73-7	N.D.	36.	ug/kg	1
03769	4-Chlorophenyl-phenylether	7005-72-3	N.D.	36.	ug/kg	1
03770	Diethylphthalate	84-66-2	N.D.	72.	ug/kg	1
03772	N-Nitrosodiphenylamine	86-30-6	N.D.	36.	ug/kg	1

N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine.
The result reported for N-nitrosodiphenylamine represents the combined

8857



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717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. SW 4741884

SB_210_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 11:45

by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

210S5 SDG#: WCX08-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
	total of both compounds.					
03773	4-Bromophenyl-phenylether	101-55-3	N.D.	36.	ug/kg	1
03774	Hexachlorobenzene	118-74-1	N.D.	36.	ug/kg	1
03775	Phenanthrene	85-01-8	N.D.	36.	ug/kg	1
03776	Anthracene	120-12-7	N.D.	36.	ug/kg	1
03777	Di-n-butylphthalate	84-74-2	N.D.	72.	ug/kg	1
03778	Fluoranthene	206-44-0	N.D.	36.	ug/kg	1
03780	Butylbenzylphthalate	85-68-7	N.D.	72.	ug/kg	1
03781	Benzo(a)anthracene	56-55-3	N.D.	36.	ug/kg	1
03782	Chrysene	218-01-9	N.D.	36.	ug/kg	1
03783	3,3'-Dichlorobenzidine	91-94-1	N.D.	110.	ug/kg	1
03784	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	72.	ug/kg	1
03785	Di-n-octylphthalate	117-84-0	N.D.	72.	ug/kg	1
03786	Benzo(b)fluoranthene	205-99-2	N.D.	36.	ug/kg	1
03787	Benzo(k)fluoranthene	207-08-9	N.D.	36.	ug/kg	1
03788	Benzo(a)pyrene	50-32-8	N.D.	36.	ug/kg	1
03789	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	36.	ug/kg	1
03790	Dibenz(a,h)anthracene	53-70-3	N.D.	36.	ug/kg	1
03791	Benzo(g,h,i)perylene	191-24-2	N.D.	36.	ug/kg	1
04690	2-Methylphenol	95-48-7	N.D.	72.	ug/kg	1
04691	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	36.	ug/kg	1
04692	4-Methylphenol	106-44-5	N.D.	72.	ug/kg	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04693	4-Chloroaniline	106-47-8	N.D.	36.	ug/kg	1
04694	2-Methylnaphthalene	91-57-6	N.D.	36.	ug/kg	1
04695	2,4,5-Trichlorophenol	95-95-4	N.D.	72.	ug/kg	1
04696	2-Nitroaniline	88-74-4	N.D.	36.	ug/kg	1
04697	3-Nitroaniline	99-09-2	N.D.	72.	ug/kg	1
04698	Dibenzofuran	132-64-9	N.D.	36.	ug/kg	1
04700	4-Nitroaniline	100-01-6	N.D.	72.	ug/kg	1
04702	Carbazole	86-74-8	N.D.	36.	ug/kg	1
00311	8260B soil special scan					
05475	m+p-Xylene	1330-20-7	N.D.	0.8	ug/kg	0.72
05476	o-Xylene	95-47-6	N.D.	0.8	ug/kg	0.72
05479	Isopropylbenzene	98-82-8	N.D.	0.8	ug/kg	0.72
05483	n-Propylbenzene	103-65-1	N.D.	0.8	ug/kg	0.72
05485	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.8	ug/kg	0.72
05487	tert-Butylbenzene	98-06-6	N.D.	0.8	ug/kg	0.72



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Lancaster Laboratories Sample No. SW 4741884

SB_210_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 11:45 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

210S5 SDG#: WCX08-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
05488	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.8	ug/kg	0.72
05489	sec-Butylbenzene	135-98-8	N.D.	0.8	ug/kg	0.72
05490	p-Isopropyltoluene	99-87-6	N.D.	0.8	ug/kg	0.72
05493	n-Butylbenzene	104-51-8	N.D.	0.8	ug/kg	0.72
05498	Naphthalene	91-20-3	N.D.	0.8	ug/kg	0.72
06292	TCL by 8260 (soil)					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.4	ug/kg	0.72
05444	Chloromethane	74-87-3	N.D.	2.	ug/kg	0.72
05445	Vinyl Chloride	75-01-4	N.D.	0.8	ug/kg	0.72
05446	Bromomethane	74-83-9	N.D.	2.	ug/kg	0.72
05447	Chloroethane	75-00-3	N.D.	2.	ug/kg	0.72
05449	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/kg	0.72
05450	Methylene Chloride	75-09-2	N.D.	2.	ug/kg	0.72
05451	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/kg	0.72
05452	1,1-Dichloroethane	75-34-3	N.D.	0.8	ug/kg	0.72
05454	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/kg	0.72
05455	Chloroform	67-66-3	N.D.	0.8	ug/kg	0.72
05457	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/kg	0.72
05458	Carbon Tetrachloride	56-23-5	N.D.	0.8	ug/kg	0.72
05460	Benzene	71-43-2	N.D.	0.4	ug/kg	0.72
05461	1,2-Dichloroethane	107-06-2	N.D.	0.8	ug/kg	0.72
05462	Trichloroethene	79-01-6	N.D.	0.8	ug/kg	0.72
05463	1,2-Dichloropropane	78-87-5	N.D.	0.8	ug/kg	0.72
05465	Bromodichloromethane	75-27-4	N.D.	0.8	ug/kg	0.72
05466	Toluene	108-88-3	N.D.	0.8	ug/kg	0.72
05467	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/kg	0.72
05468	Tetrachloroethene	127-18-4	N.D.	0.8	ug/kg	0.72
05470	Dibromochloromethane	124-48-1	N.D.	0.8	ug/kg	0.72
05472	Chlorobenzene	108-90-7	N.D.	0.8	ug/kg	0.72
05474	Ethylbenzene	100-41-4	N.D.	0.8	ug/kg	0.72
05477	Styrene	100-42-5	N.D.	0.8	ug/kg	0.72
05478	Bromoform	75-25-2	N.D.	0.8	ug/kg	0.72
05480	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.8	ug/kg	0.72
06293	Acetone	67-64-1	6. J	5.	ug/kg	0.72
06294	Carbon Disulfide	75-15-0	N.D.	0.8	ug/kg	0.72
06296	2-Butanone	78-93-3	N.D.	3.	ug/kg	0.72
06297	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.8	ug/kg	0.72
06298	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.8	ug/kg	0.72
06299	4-Methyl-2-pentanone	108-10-1	N.D.	2.	ug/kg	0.72



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Lancaster Laboratories Sample No. SW 4741884

SB_210_S5 Grab Soil Sample

West Complex - Phase II

Collected: 03/31/2006 11:45 by GM

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

210S5 SDG#: WCX08-12

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
06300	2-Hexanone	591-78-6	N.D.	2.	ug/kg	0.72

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	04/03/2006 17:49	Scott W Freisher	1
04688	TCL SW846 Semivolatiles Soil	SW-846 8270C	1	04/05/2006 04:04	Linda M Hartenstine	1
00311	8260B soil special scan	SW-846 8260B	1	04/03/2006 17:48	Kenneth L Boley Jr	0.72
06292	TCL by 8260 (soil)	SW-846 8260B	1	04/03/2006 17:48	Kenneth L Boley Jr	0.72
00381	BNA Soil Extraction	SW-846 3550B	1	04/02/2006 13:00	Maryan G Attalla	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	1	04/01/2006 15:15	Justin M Bowers	1
02392	GC/MS - Field Preserved NaHSO4	SW-846 5035A	2	04/01/2006 15:16	Justin M Bowers	1
07579	GC/MS-Field Preserved MeOH-NC	SW-846 5035A	1	04/01/2006 15:05	Justin M Bowers	1

0060



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APPENDIX D.2

VOLATILE ORGANIC COMPOUNDS AND SEMIVOLATILE ORGANIC COMPOUNDS ANALYSES (GROUNDWATER)

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. WW 4712079

MW-1A-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 13:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

1AS1P SDG#: WCX04-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. WW 4712079

MW-1A-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 13:30

by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Reported: 02/23/2006 at 14:38

Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

1AS1P SDG#: WCX04-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1



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Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. WW 4712079

MW-1A-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 13:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

1AS1P SDG#: WCX04-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	2. J	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	1. J	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1



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Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. WW 4712079

MW-1A-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 13:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

1AS1P SDG#: WCX04-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/21/2006 22:34	William T Parker	1
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 08:17	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 08:17	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	02/19/2006 08:15	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 08:17	Stephanie A Selis	1



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2425 New Holland Pike
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Lancaster PA 17605-2425



Lancaster Laboratories Sample No. WW 4733578

GW060321_426_MW1A Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 09:54 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW426 SDG#: WCX07-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



Lancaster Laboratories Sample No. WW 4733578

GW060321_426_MW1A Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 09:54 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW426 SDG#: WCX07-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m-p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	9017
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1

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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4733578

GW060321_426_MW1A Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 09:54 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW426 SDG#: WCX07-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	5010



Lancaster Laboratories Sample No. WW 4733578

GW060321_426_MW1A Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 09:54 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

GW426 SDG#: WCX07-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	03/27/2006 14:39	Joseph M Gambler	1
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 21:38	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 21:38	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	03/23/2006 16:00	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 21:38	Nicholas R Rossi	1

5819



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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744167

MW426 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:00

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW426 SDG#: WCX09-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	8811
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4744167

MW426 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:00

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW426 SDG#: WCX09-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1

8812



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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4744167

MW426 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:00

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW426 SDG#: WCX09-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05434	n-Butylbenzene	104-51-8	N.D.	1.		ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.		ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5		ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.		ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.		ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.		ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.		ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8		ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.		ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8		ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.		ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8		ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8		ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8		ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.		ug/l	1
05401	Benzene	71-43-2	N.D.	0.5		ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.		ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.		ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.		ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.		ug/l	1
05407	Toluene	108-88-3	N.D.	0.7		ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8		ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8		ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8		ug/l	1
05418	Styrene	100-42-5	N.D.	1.		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
06302	Acetone	67-64-1	N.D.	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

0013



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744167

MW426 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:00 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW426 SDG#: WCX09-01

CAT	Analysis Name	CAS Number	As Received Result	As Received Method	Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846	SW-846 8270C	1	04/10/2006 09:21	Mark A Clark	1
00310	Semivolatiles/Waters					
	8260B water special scan	SW-846 8260B	1	04/11/2006 02:45	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 02:45	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 02:45	Stephanie A Selis	1

0814



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-426
 Lab Sample ID: 0603624
 Date/Time Sampled: 04/04/2006
 Date/Time Received: 04/05/2006 0922
 Location: IBM East Fishkill
 File No.: V91115
 GC/MS Sample ID: EF060404104
 Blank File No.: V91103

Report Date: 04/11/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/05/2006 1512
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GM
 COC: 50579

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	4.78	10.00		U
71-43-2	Benzene	0.45	1.00		U
108-86-1	Bromobenzene *	0.46	1.00		U
75-27-4	Bromodichloromethane	0.39	1.00		U
75-25-2	Bromoform	0.33	2.00		U
74-83-9	Bromomethane	0.36	1.00		U
78-93-3	2-Butanone	0.29	2.00		U
75-15-0	Carbon Disulfide	0.45	1.00		U
56-23-5	Carbon Tetrachloride	0.45	1.00		U
108-90-7	Chlorobenzene	0.47	1.00		U
75-00-3	Chloroethane	0.41	1.00		U
67-66-3	Chloroform	0.41	1.00		U
74-87-3	Chloromethane	0.42	1.00		U
124-48-1	Dibromochloromethane	0.45	1.00		U
74-95-3	Dibromomethane	0.33	1.00		U
95-50-1	1,2-Dichlorobenzene	0.43	1.00		U
541-73-1	1,3-Dichlorobenzene	0.49	1.00		U
106-46-7	1,4-Dichlorobenzene	0.74	1.00		U
75-71-8	Dichlorodifluoromethane	0.40	1.00		U
75-34-3	1,1-Dichloroethane	0.46	1.00		U
107-06-2	1,2-Dichloroethane	0.37	1.00		U
75-35-4	1,1-Dichloroethene	0.38	1.00		U
540-59-0	1,2-Dichloroethene (total)	0.36	1.00		U
78-87-5	1,2-Dichloropropane	0.50	1.00		U
10061-01-5	cis-1,3-Dichloropropene	0.38	2.00		U
10061-02-6	trans-1,3-Dichloropropene	0.35	2.00		U
100-41-4	Ethyl Benzene	0.46	1.00		U
76-13-1	Freon 113 *	0.58	1.00		U
354-23-4	Freon 123a *	0.48	1.00		U
591-78-6	2-Hexanone	0.30	1.00		U
75-09-2	Methylene Chloride	0.41	1.00		U
1634-04-4	Methyl tertbutylether	0.53	1.00		U
108-10-1	4-Methyl-2-Pentanone	0.44	1.00		U
67-63-0	2-Propanol *	4.79	10.00		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
Client Sample ID: MW-426
Lab Sample ID: 0603624
File No.: V91115

Report Date: 04/11/2006
Project ID:
Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	0.43	1.00		U
630-20-6	1,1,1,2-Tetrachloroethane	0.49	1.00		U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	1.00		U
127-18-4	Tetrachloroethene	0.53	1.00		U
109-99-9	Tetrahydrofuran *	4.44	10.00		U
108-88-3	Toluene	0.39	1.00		U
87-61-6	1,2,3-Trichlorobenzene	0.51	2.00		U
120-82-1	1,2,4-Trichlorobenzene	0.39	2.00		U
71-55-6	1,1,1-Trichloroethane	0.44	1.00		U
79-00-5	1,1,2-Trichloroethane	0.45	1.00		U
79-01-6	Trichloroethene	0.39	1.00		U
75-69-4	Trichlorofluoromethane	0.55	1.00		U
96-18-4	1,2,3-Trichloropropane	0.26	1.00		U
108-05-4	Vinyl Acetate	0.32	2.00		U
75-01-4	Vinyl Chloride	0.47	1.00		U
1330-20-7	Xylenes (total)	0.49	1.00		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	98.2%
4-Bromofluorobenzene	99.0%
1,2-Dichlorobenzene-d4	99.4%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments:



Lancaster Laboratories Sample No. WW 4712076

MW-2-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

W2S1S SDG#: WCX04-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	23.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	12.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	6.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	6.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1





Lancaster Laboratories Sample No. WW 4712076

MW-2-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

W2S1S SDG#: WCX04-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
Due to insufficient sample, the reporting limits for the GC/MS semivolatiles were raised.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1



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Lancaster Laboratories Sample No. WW 4712076

MW-2-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

W2S1S SDG#: WCX04-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1





Lancaster Laboratories Sample No. WW 4712076

MW-2-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

W2S1S SDG#: WCX04-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/21/2006 20:57	William T Parker	1
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 07:08	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 07:08	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	02/19/2006 08:15	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 07:08	Stephanie A Selis	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4712077

MW-2-S1-D Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

2SIDS SDG#: WCX04-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	23.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	12.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	6.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	6.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
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Lancaster Laboratories Sample No. WW 4712077

MW-2-S1-D Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

2SIDS SDG#: WCX04-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4712077

MW-2-S1-D Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

2SIDS SDG#: WCX04-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. WW 4712077

MW-2-S1-D Water Sample
West Complex - Phase I

Collected: 02/16/2006 12:10 by DI

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Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

2SIDS SDG#: WCX04-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/21/2006 21:45	William T Parker	1
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 07:31	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 07:31	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	02/19/2006 08:15	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 07:31	Stephanie A Selis	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425



Lancaster Laboratories Sample No. WW 4733579

GW060321_427_MW2 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW427 SDG#: WCX07-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



Lancaster Laboratories Sample No. WW 4733579

GW060321_427_MW2 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW427 SDG#: WCX07-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	2. J	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1

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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4733579

GW060321_427_MW2 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW427 SDG#: WCX07-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	5022



Page 4 of 4
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Lancaster Laboratories Sample No. WW 4733579

GW060321_427_MW2 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

GW427 SDG#: WCX07-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	03/27/2006 15:34	Joseph M Gambler	1
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 22:01	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 22:01	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	03/23/2006 16:00	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 22:01	Nicholas R Rossi	1

5523



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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

2216 Rev. 3/10/03



Lancaster Laboratories Sample No. WW 4733581

NR060321_309_DUPE Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

NR309 SDG#: WCX07-06FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



Lancaster Laboratories Sample No. WW 4733581

NR060321 309 DUPE Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

NR309 SDG#: WCX07-06FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1

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2425 New Holland Pike
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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4733581

NR060321_309_DUPE Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

NR309 SDG#: WCX07-06FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	0.839



Page 4 of 4
REVISED

Lancaster Laboratories Sample No. WW 4733581

NR060321_309_DUPE Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:22 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NR309 SDG#: WCX07-06FD

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
No.						
04678	TCL SW846	SW-846 8270C	1	03/30/2006 03:50	William T Parker	1
	Semivolatiles/Waters					
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 22:47	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 22:47	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	03/23/2006 16:00	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 22:47	Nicholas R Rossi	1

5831



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4744168

MW427 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:45

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW427 SDG#: WCX09-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



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 PO Box 12425
 Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744168

MW427 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:45

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW427 SDG#: WCX09-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m-p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	0016
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4744168

MW427 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:45

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW427 SDG#: WCX09-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

8817



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4744168

MW427 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 16:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW427 SDG#: WCX09-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846	SW-846 8270C	1	04/10/2006 09:42	Mark A Clark	1
00310	Semivolatiles/Waters					
	8260B water special scan	SW-846 8260B	1	04/11/2006 03:08	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 03:08	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 03:08	Stephanie A Selis	1

0018



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-427
 Lab Sample ID: 0603625
 Date/Time Sampled: 04/04/2006
 Date/Time Received: 04/05/2006 0922
 Location: IBM East Fishkill
 File No.: V91116
 GC/MS Sample ID: EF060404105
 Blank File No.: V91103

Report Date: 04/11/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/05/2006 1547
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GM
 COC: 50579

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	4.78	10.00		U
71-43-2	Benzene	0.45	1.00		U
108-86-1	Bromobenzene *	0.46	1.00		U
75-27-4	Bromodichloromethane	0.39	1.00		U
75-25-2	Bromoform	0.33	2.00		U
74-83-9	Bromomethane	0.36	1.00		U
78-93-3	2-Butanone	0.29	2.00		U
75-15-0	Carbon Disulfide	0.45	1.00		U
56-23-5	Carbon Tetrachloride	0.45	1.00		U
108-90-7	Chlorobenzene	0.47	1.00		U
75-00-3	Chloroethane	0.41	1.00		U
67-66-3	Chloroform	0.41	1.00		U
74-87-3	Chloromethane	0.42	1.00		U
124-48-1	Dibromochloromethane	0.45	1.00		U
74-95-3	Dibromomethane	0.33	1.00		U
95-50-1	1,2-Dichlorobenzene	0.43	1.00		U
541-73-1	1,3-Dichlorobenzene	0.49	1.00		U
106-46-7	1,4-Dichlorobenzene	0.74	1.00		U
75-71-8	Dichlorodifluoromethane	0.40	1.00		U
75-34-3	1,1-Dichloroethane	0.46	1.00		U
107-06-2	1,2-Dichloroethane	0.37	1.00		U
75-35-4	1,1-Dichloroethene	0.38	1.00		U
540-59-0	1,2-Dichloroethene (total)	0.36	1.00		U
78-87-5	1,2-Dichloropropane	0.50	1.00		U
10061-01-5	cis-1,3-Dichloropropene	0.38	2.00		U
10061-02-6	trans-1,3-Dichloropropene	0.35	2.00		U
100-41-4	Ethyl Benzene	0.46	1.00		U
76-13-1	Freon 113 *	0.58	1.00		U
354-23-4	Freon 123a *	0.48	1.00		U
591-78-6	2-Hexanone	0.30	1.00		U
75-09-2	Methylene Chloride	0.41	1.00		U
1634-04-4	Methyl tertbutylether	0.53	1.00		U
108-10-1	4-Methyl-2-Pentanone	0.44	1.00		U
67-63-0	2-Propanol *	4.79	10.00		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
 Client Sample ID: MW-427
 Lab Sample ID: 0603625
 File No.: V91116

Report Date: 04/11/2006
 Project ID:
 Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	0.43	1.00		U
630-20-6	1,1,1,2-Tetrachloroethane	0.49	1.00		U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	1.00		U
127-18-4	Tetrachloroethene	0.53	1.00		U
109-99-9	Tetrahydrofuran *	4.44	10.00		U
108-88-3	Toluene	0.39	1.00		U
87-61-6	1,2,3-Trichlorobenzene	0.51	2.00		U
120-82-1	1,2,4-Trichlorobenzene	0.39	2.00		U
71-55-6	1,1,1-Trichloroethane	0.44	1.00		U
79-00-5	1,1,2-Trichloroethane	0.45	1.00		U
79-01-6	Trichloroethene	0.39	1.00		U
75-69-4	Trichlorofluoromethane	0.55	1.00		U
96-18-4	1,2,3-Trichloropropane	0.26	1.00		U
108-05-4	Vinyl Acetate	0.32	2.00		U
75-01-4	Vinyl Chloride	0.47	1.00		U
1330-20-7	Xylenes (total)	0.49	1.00		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	97.3%
4-Bromofluorobenzene	93.2%
1,2-Dichlorobenzene-d4	94.7%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments:

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. WW 4712080

MW-3-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:00 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

3S1WC SDG#: WCX04-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. WW 4712080

MW-3-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:00 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

3S1WC SDG#: WCX04-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1



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2425 New Holland Pike
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Lancaster, PA 17605-2425

Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. WW 4712080

MW-3-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:00 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

3S1WC SDG#: WCX04-05

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method	Units	Dilution Factor
					Detection Limit		
05424	n-Propylbenzene	103-65-1	N.D.		1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.		1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.		1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.		1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.		1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.		1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.		1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.		1.	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	0.5	J	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.	ug/l	1
05401	Benzene	71-43-2	N.D.		0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.	ug/l	1
05407	Toluene	108-88-3	N.D.		0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1



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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. WW 4712080

MW-3-S1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:00 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Sanborn Head & Associates

Reported: 02/23/2006 at 14:38

95 High Street

Discard: 03/10/2006

Portland ME 04101

3S1WC SDG#: WCX04-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
06302	Acetone	67-64-1	11. J	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/21/2006 23:22		William T Parker	1
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 08:40		Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 08:40		Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	02/19/2006 08:15		Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 08:40		Stephanie A Selis	1



Lancaster Laboratories Sample No. WW 4733580

GW060321_428_MW3 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:39 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW428 SDG#: WCX07-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	5624
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1

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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4733580

GW060321_428_MW3 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:39 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW428 SDG#: WCX07-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



Lancaster Laboratories Sample No. WW 4733580

GW060321_428 MW3 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:39 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006Sanborn Head & Associates
95 High Street
Portland ME 04101

GW428 SDG#: WCX07-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	8826



Page 4 of 4
REVISED

Lancaster Laboratories Sample No. WW 4733580

GW060321_428_MW3 Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:39 by DB

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Submitted: 03/22/2006 09:50

Sanborn Head & Associates

Reported: 04/11/2006 at 11:25

95 High Street

Discard: 04/26/2006

Portland ME 04101

GW428 SDG#: WCX07-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846	SW-846 8270C	1	03/27/2006 16:29	Joseph M Gambler	1
00310	Semivolatiles/Waters					
	8260B water special scan	SW-846 8260B	1	03/23/2006 22:24	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 22:24	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	03/23/2006 16:00	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 22:24	Nicholas R Rossi	1

5527



Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744169

MW428 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 17:15 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW428 SDG#: WCX09-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	8819



Lancaster Laboratories, Inc.
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Lancaster Laboratories Sample No. WW 4744169

MW428 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 17:15

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW428 SDG#: WCX09-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4744169

MW428 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 17:15

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW428 SDG#: WCX09-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

8021



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Lancaster Laboratories Sample No. WW 4744169

MW428 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 17:15 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW428 SDG#: WCX09-03

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	04/10/2006 10:03	Mark A Clark	1
00310	8260B water special scan	SW-846 8260B	1	04/11/2006 03:30	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 03:30	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 03:30	Stephanie A Selis	1

0022.



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VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-428
 Lab Sample ID: 0603626
 Date/Time Sampled: 04/04/2006
 Date/Time Received: 04/05/2006 0922
 Location: IBM East Fishkill
 File No.: V91124
 GC/MS Sample ID: EF060404106
 Blank File No.: V91122

Report Date: 04/11/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/05/2006 2045
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GM
 COC: 50579

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	4.78	10.00		U
71-43-2	Benzene	0.45	1.00		U
108-86-1	Bromobenzene *	0.46	1.00		U
75-27-4	Bromodichloromethane	0.39	1.00		U
75-25-2	Bromoform	0.33	2.00		U
74-83-9	Bromomethane	0.36	1.00		U
78-93-3	2-Butanone	0.29	2.00		U
75-15-0	Carbon Disulfide	0.45	1.00		U
56-23-5	Carbon Tetrachloride	0.45	1.00		U
108-90-7	Chlorobenzene	0.47	1.00		U
75-00-3	Chloroethane	0.41	1.00		U
67-66-3	Chloroform	0.41	1.00		U
74-87-3	Chloromethane	0.42	1.00		U
124-48-1	Dibromochloromethane	0.45	1.00		U
74-95-3	Dibromomethane	0.33	1.00		U
95-50-1	1,2-Dichlorobenzene	0.43	1.00		U
541-73-1	1,3-Dichlorobenzene	0.49	1.00		U
106-46-7	1,4-Dichlorobenzene	0.74	1.00		U
75-71-8	Dichlorodifluoromethane	0.40	1.00		U
75-34-3	1,1-Dichloroethane	0.46	1.00		U
107-06-2	1,2-Dichloroethane	0.37	1.00		U
75-35-4	1,1-Dichloroethene	0.38	1.00		U
540-59-0	1,2-Dichloroethene (total)	0.36	1.00		U
78-87-5	1,2-Dichloropropane	0.50	1.00		U
10061-01-5	cis-1,3-Dichloropropene	0.38	2.00		U
10061-02-6	trans-1,3-Dichloropropene	0.35	2.00		U
100-41-4	Ethyl Benzene	0.46	1.00		U
76-13-1	Freon 113 *	0.58	1.00		U
354-23-4	Freon 123a *	0.48	1.00		U
591-78-6	2-Hexanone	0.30	1.00		U
75-09-2	Methylene Chloride	0.41	1.00		U
1634-04-4	Methyl tertbutylether	0.53	1.00		U
108-10-1	4-Methyl-2-Pentanone	0.44	1.00		U
67-63-0	2-Propanol *	4.79	10.00		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
Client Sample ID: MW-428
Lab Sample ID: 0603626
File No.: V91124

Report Date: 04/11/2006
Project ID:
Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	0.43	1.00		U
630-20-6	1,1,1,2-Tetrachloroethane	0.49	1.00		U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	1.00		U
127-18-4	Tetrachloroethene	0.53	1.00		U
109-99-9	Tetrahydrofuran *	4.44	10.00		U
108-88-3	Toluene	0.39	1.00		U
87-61-6	1,2,3-Trichlorobenzene	0.51	2.00		U
120-82-1	1,2,4-Trichlorobenzene	0.39	2.00		U
71-55-6	1,1,1-Trichloroethane	0.44	1.00		U
79-00-5	1,1,2-Trichloroethane	0.45	1.00		U
79-01-6	Trichloroethene	0.39	1.00		U
75-69-4	Trichlorofluoromethane	0.55	1.00		U
96-18-4	1,2,3-Trichloropropane	0.26	1.00		U
108-05-4	Vinyl Acetate	0.32	2.00		U
75-01-4	Vinyl Chloride	0.47	1.00		U
1330-20-7	Xylenes (total)	0.49	1.00		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	95.8%
4-Bromofluorobenzene	95.9%
1,2-Dichlorobenzene-d4	96.5%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments:

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4714228

MW-5-51 Water Sample
West Complex - Phase I

Collected: 02/21/2006 10:38 by DB

Account Number: 09671

Submitted: 02/22/2006 09:00
Reported: 02/23/2006 at 13:55
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW551 SDG#: WCX06-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	53.	0.8	ug/l	1
05417	o-Xylene	95-47-6	130.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	15.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	11.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	82.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	120.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	7.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	10.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	3. J	1.	ug/l	1
05439	Naphthalene	91-20-3	61.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	1,300.	5.	ug/l	10
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	53.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	1. J	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4714228

MW-5-51 Water Sample
West Complex - Phase I

Collected: 02/21/2006 10:38 by DB

Account Number: 09671

Submitted: 02/22/2006 09:00
Reported: 02/23/2006 at 13:55
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

MW551 SDG#: WCX06-01

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.		1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.8	ug/l	1
05415	Ethylbenzene	100-41-4	3. J		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	16.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00310	8260B water special scan	SW-846 8260B	1	02/23/2006 06:28		Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/23/2006 06:28		Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/23/2006 06:50		Nicholas R Rossi	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/23/2006 06:28		Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	02/23/2006 06:50		Nicholas R Rossi	10



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Lancaster Laboratories Sample No. WW 4744170

MW431 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 12:30 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW431 SDG#: WCX09-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	20.	ug/l	10
03879	Dibenzofuran	132-64-9	99. J	20.	ug/l	10
03905	2-Methylnaphthalene	91-57-6	1,900.	20.	ug/l	10
03907	2-Nitroaniline	88-74-4	N.D.	20.	ug/l	10
03908	3-Nitroaniline	99-09-2	N.D.	20.	ug/l	10
03909	4-Nitroaniline	100-01-6	N.D.	20.	ug/l	10
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	20.	ug/l	10
03924	2-Chlorophenol	95-57-8	N.D.	20.	ug/l	10
03925	Phenol	108-95-2	N.D.	20.	ug/l	10
03926	2-Nitrophenol	88-75-5	N.D.	20.	ug/l	10
03927	2,4-Dimethylphenol	105-67-9	N.D.	60.	ug/l	10
03928	2,4-Dichlorophenol	120-83-2	N.D.	20.	ug/l	10
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	20.	ug/l	10
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	20.	ug/l	10
03931	2,4-Dinitrophenol	51-28-5	N.D.	400.	ug/l	10
03932	4-Nitrophenol	100-02-7	N.D.	200.	ug/l	10
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	100.	ug/l	10
03934	Pentachlorophenol	87-86-5	N.D.	60.	ug/l	10
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	20.	ug/l	10
03937	1,3-Dichlorobenzene	541-73-1	N.D.	20.	ug/l	10
03938	1,4-Dichlorobenzene	106-46-7	N.D.	20.	ug/l	10
03939	1,2-Dichlorobenzene	95-50-1	N.D.	20.	ug/l	10
03941	Hexachloroethane	67-72-1	N.D.	20.	ug/l	10
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	20.	ug/l	10
03943	Nitrobenzene	98-95-3	N.D.	20.	ug/l	10
03944	Isophorone	78-59-1	N.D.	20.	ug/l	10
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	20.	ug/l	10
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	20.	ug/l	10
03948	Hexachlorobutadiene	87-68-3	N.D.	20.	ug/l	10
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	100.	ug/l	10
03950	2-Chloronaphthalene	91-58-7	N.D.	20.	ug/l	10
03952	Dimethylphthalate	131-11-3	N.D.	40.	ug/l	10
03953	2,6-Dinitrotoluene	606-20-2	N.D.	20.	ug/l	10
03954	Acenaphthene	83-32-9	190.	20.	ug/l	10
03955	2,4-Dinitrotoluene	121-14-2	N.D.	20.	ug/l	10
03956	Fluorene	86-73-7	330.	20.	ug/l	10
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	20.	ug/l	10

8823



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Lancaster Laboratories Sample No. WW 4744170

MW431 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 12:30 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW431 SDG#: WCX09-04

CAT			As Received	As Received		Dilution
No.	Analysis Name	CAS Number	Result	Method Detection Limit	Units	Factor
03958	Diethylphthalate	84-66-2	N.D.	40.	ug/l	10
03960	N-Nitrosodiphenylamine	86-30-6	610.	40.	ug/l	10
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	20.	ug/l	10
03962	Hexachlorobenzene	118-74-1	N.D.	20.	ug/l	10
03963	Phenanthrene	85-01-8	800.	20.	ug/l	10
03964	Anthracene	120-12-7	91. J	20.	ug/l	10
03965	Di-n-butylphthalate	84-74-2	N.D.	40.	ug/l	10
03966	Fluoranthene	206-44-0	23. J	20.	ug/l	10
03967	Pyrene	129-00-0	120.	20.	ug/l	10
03969	Butylbenzylphthalate	85-68-7	N.D.	40.	ug/l	10
03970	Benzo(a)anthracene	56-55-3	N.D.	20.	ug/l	10
03971	Chrysene	218-01-9	N.D.	20.	ug/l	10
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	40.	ug/l	10
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	40.	ug/l	10
03974	Di-n-octylphthalate	117-84-0	N.D.	40.	ug/l	10
03975	Benzo(b)fluoranthene	205-99-2	N.D.	20.	ug/l	10
03976	Benzo(k)fluoranthene	207-08-9	N.D.	20.	ug/l	10
03977	Benzo(a)pyrene	50-32-8	N.D.	20.	ug/l	10
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	20.	ug/l	10
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	20.	ug/l	10
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	20.	ug/l	10
04680	2-Methylphenol	95-48-7	N.D.	20.	ug/l	10
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	20.	ug/l	10
04682	4-Methylphenol	106-44-5	N.D.	40.	ug/l	10
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	20.	ug/l	10
Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	9.	0.8	ug/l	1
05417	o-Xylene	95-47-6	19.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	22.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	26.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	120.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	180.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4744170

MW431 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 12:30

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW431 SDG#: WCX09-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05430	sec-Butylbenzene	135-98-8	18.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	18.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	14.	1.	ug/l	1
05439	Naphthalene	91-20-3	80.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	14.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	3. J	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	0.6 J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	13.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	31.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	7. J	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	8825
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744170

MW431 Grab Water Sample

West Complex - Phase II

Collected: 04/04/2006 12:30 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW431 SDG#: WCX09-04

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	04/10/2006 11:26	Mark A Clark	10
00310	8260B water special scan	SW-846 8260B	1	04/11/2006 03:52	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 03:52	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 03:52	Stephanie A Selis	1

8826



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2425 New Holland Pike
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Lancaster, PA 17605-2425
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SEMIVOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-431
 Lab Sample ID: 0603518
 Date/Time Sampled: 04/04/2006 1230
 Date/Time Received: 04/04/2006 1340
 Date Extracted: 04/06/2006
 Location: IBM East Fishkill
 File No.: s39504/s39515
 GC/MS Sample ID: EF060404066
 Blank File No.: s39507/s39508

Report Date: 04/10/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/06/2006 2046
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: GRM
 COC: 51394

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
83-32-9	Acenaphthene	2.53	20	52.10	
208-96-8	Acenaphthylene	2.04	20		U
120-12-7	Anthracene	1.61	20	13.96	J
56-55-3	Benzo(a)anthracene	2.17	20		U
50-32-8	Benzo(a)pyrene	1.93	20		U
205-99-2	Benzo(b)fluoranthene	2.50	20		U
191-24-2	Benzo(g,h,i)perylene	1.71	20		U
207-08-9	Benzo(k)fluoranthene	2.07	20		U
100-51-6	Benzyl Alcohol	1.65	20		U
111-91-1	bis(2-Chloroethoxy)methane	1.85	20		U
111-44-4	bis(2-Chloroethyl)ether	2.51	20		U
108-60-1	bis(2-Chloroisopropyl)ether	1.75	20		U
117-81-7	bis(2-Ethylhexyl)phthalate	1.86	20		U
101-55-3	4-Bromophenyl-phenyl ether	2.13	20		U
85-68-7	Butylbenzylphthalate	2.30	20		U
95-57-8	2-Chlorophenol	2.44	20		U
91-58-7	2-Chloronaphthalene	2.46	20		U
106-47-8	4-Chloroaniline	3.86	20		U
59-50-7	4-Chloro-3-methylphenol	2.23	20		U
7005-72-3	4-Chlorophenyl-phenyl ether	2.12	20		U
218-01-9	Chrysene	2.28	20		U
53-70-3	Dibenzo(a,h)anthracene	1.78	20		U
132-64-9	Dibenzofuran	1.96	20		U
84-74-2	Di-n-butylphthalate	2.17	20		U
95-50-1	1,2-Dichlorobenzene	2.44	20		U
541-73-1	1,3-Dichlorobenzene	2.18	20		U
106-46-7	1,4-Dichlorobenzene	2.09	20		U
91-94-1	3,3'-Dichlorobenzidine	15.26	20		U
120-83-2	2,4-Dichlorophenol	2.72	20		U
84-66-2	Diethylphthalate	1.79	20		U
105-67-9	2,4-Dimethylphenol	2.10	20		U
131-11-3	Dimethylphthalate	1.93	20		U
117-84-0	Di-n-octylphthalate	1.21	20		U
534-52-1	4,6-Dinitro-2-methylphenol	2.65	20		U
51-28-5	2,4-Dinitrophenol	2.72	20		U
121-14-2	2,4-Dinitrotoluene	2.32	20		U
606-20-2	2,6-Dinitrotoluene	2.85	20		U

SEMIVOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
 Client Sample ID: MW-431
 Lab Sample ID: 0603518
 File No.: s39504/s39515

Report Date: 04/10/2006
 Project ID:
 Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
206-44-0	Fluoranthene	1.96	20		U
86-73-7	Fluorene	2.05	20	60.01	
118-74-1	Hexachlorobenzene	2.14	20		U
87-68-3	Hexachlorobutadiene	3.15	20		U
77-47-4	Hexachlorocyclopentadiene	3.12	20		U
67-72-1	Hexachloroethane	2.29	20		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.59	20		U
78-59-1	Isophorone	1.48	20		U
872-50-4	1-Methyl-2-pyrrolidinone *	3.04	20		U
91-57-6	2-Methylnaphthalene	12.10	100	348.06	D
106-44-5	4-Methylphenol	1.60	20		U
91-20-3	Naphthalene	2.38	20	69.10	
88-74-4	2-Nitroaniline	1.92	20		U
99-09-2	3-Nitroaniline	2.03	20		U
100-01-6	4-Nitroaniline	2.38	20		U
98-95-3	Nitrobenzene	2.54	20		U
88-75-5	2-Nitrophenol	2.78	20		U
100-02-7	4-Nitrophenol	2.76	20		U
621-64-7	N-Nitroso-di-n-propylamine	1.99	20		U
86-30-6	N-Nitrosodiphenylamine	1.93	20		U
87-86-5	Pentachlorophenol	2.50	20		U
85-01-8	Phenanthrene	7.80	100	172.64	D
108-95-2	Phenol	0.30	20		U
129-00-0	Pyrene	2.25	20	18.13	J
120-82-1	1,2,4-Trichlorobenzene	3.00	20		U
95-95-4	2,4,5-Trichlorophenol	2.10	20		U
88-06-2	2,4,6-Trichlorophenol	2.57	20		U

SURROGATE RECOVERIES

2-Fluorophenol 51.1%
 Phenol-d5 33.9%
 Nitrobenzene-d5 100.3%

SURROGATE RECOVERIES

2-Fluorobiphenyl 75.6%
 2,4,6-Tribromophenol 91.5%
 Terphenyl-d14 78.2%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Compound is found in the associated blank.

D = Compounds analyzed at a dilution

Comments: 4-Methylphenol coelutes with 3-Methylphenol

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-431
 Lab Sample ID: 0603518
 Date/Time Sampled: 04/04/2006 1230
 Date/Time Received: 04/04/2006 1340
 Location: IBM East Fishkill
 File No.: V91114
 GC/MS Sample ID: EF060404066
 Blank File No.: V91103

Report Date: 04/11/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 200
 Date/Time Analyzed: 04/05/2006 1436
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GRM
 COC: 51394

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	956	2000		U
71-43-2	Benzene	90	200		U
108-86-1	Bromobenzene *	92	200		U
75-27-4	Bromodichloromethane	78	200		U
75-25-2	Bromoform	66	400		U
74-83-9	Bromomethane	72	200		U
78-93-3	2-Butanone	58	400		U
75-15-0	Carbon Disulfide	90	200		U
56-23-5	Carbon Tetrachloride	90	200		U
108-90-7	Chlorobenzene	94	200		U
75-00-3	Chloroethane	82	200		U
67-66-3	Chloroform	82	200		U
74-87-3	Chloromethane	84	200		U
124-48-1	Dibromochloromethane	90	200		U
74-95-3	Dibromomethane	66	200		U
95-50-1	1,2-Dichlorobenzene	86	200		U
541-73-1	1,3-Dichlorobenzene	98	200		U
106-46-7	1,4-Dichlorobenzene	148	200		U
75-71-8	Dichlorodifluoromethane	80	200		U
75-34-3	1,1-Dichloroethane	92	200		U
107-06-2	1,2-Dichloroethane	74	200		U
75-35-4	1,1-Dichloroethene	76	200		U
540-59-0	1,2-Dichloroethene (total)	72	200		U
78-87-5	1,2-Dichloropropane	100	200		U
10061-01-5	cis-1,3-Dichloropropene	76	400		U
10061-02-6	trans-1,3-Dichloropropene	70	400		U
100-41-4	Ethyl Benzene	92	200		U
76-13-1	Freon 113 *	116	200		U
354-23-4	Freon 123a *	96	200		U
591-78-6	2-Hexanone	60	200		U
75-09-2	Methylene Chloride	82	200		U
1634-04-4	Methyl tertbutylether	106	200		U
108-10-1	4-Methyl-2-Pentanone	88	200		U
67-63-0	2-Propanol *	958	2000		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
 Client Sample ID: MW-431
 Lab Sample ID: 0603518
 File No.: V91114

Report Date: 04/11/2006
 Project ID:
 Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	86	200		U
630-20-6	1,1,1,2-Tetrachloroethane	98	200		U
79-34-5	1,1,2,2-Tetrachloroethane	96	200		U
127-18-4	Tetrachloroethene	106	200		U
109-99-9	Tetrahydrofuran *	888	2000		U
108-88-3	Toluene	78	200		U
87-61-6	1,2,3-Trichlorobenzene	102	400		U
120-82-1	1,2,4-Trichlorobenzene	78	400		U
71-55-6	1,1,1-Trichloroethane	88	200		U
79-00-5	1,1,2-Trichloroethane	90	200		U
79-01-6	Trichloroethene	78	200		U
75-69-4	Trichlorofluoromethane	110	200		U
96-18-4	1,2,3-Trichloropropane	52	200		U
108-05-4	Vinyl Acetate	64	400		U
75-01-4	Vinyl Chloride	94	200		U
1330-20-7	Xylenes (total)	98	200		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	98.2%
4-Bromofluorobenzene	94.8%
1,2-Dichlorobenzene-d4	104.8%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments:



Lancaster Laboratories Sample No. WW 4753405

GW060418 431 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:36 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW431 SDG#: WCX10-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	10.	ug/l	1
03879	Dibenzofuran	132-64-9	65.	10.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	1,100.	10.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	10.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	10.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	10.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	10.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	10.	ug/l	1
03925	Phenol	108-95-2	N.D.	10.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	10.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	30.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	10.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	10.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	10.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	200.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	100.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	50.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	30.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	10.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	10.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	10.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	10.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	10.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	10.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	10.	ug/l	1
03944	Isophorone	78-59-1	N.D.	10.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	10.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	10.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	10.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	50.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	10.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	20.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	10.	ug/l	1
03954	Acenaphthene	83-32-9	160.	10.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	10.	ug/l	1
03956	Fluorene	86-73-7	210.	10.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	10.	ug/l	1



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 Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4753405

GW060418 431 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:36

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW431 SDG#: WCX10-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	20.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	20.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	10.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	10.	ug/l	1
03963	Phenanthrene	85-01-8	530.	10.	ug/l	1
03964	Anthracene	120-12-7	74.	10.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	20.	ug/l	1
03966	Fluoranthene	206-44-0	25. J	10.	ug/l	1
03967	Pyrene	129-00-0	99.	10.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	20.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	10.	ug/l	1
03971	Chrysene	218-01-9	N.D.	10.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	20.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	52.	20.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	20.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	10.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	10.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	10.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	10.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	10.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	10.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	10.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	10.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	20.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	10.	ug/l	1
Due to the nature of the sample matrix, a reduced aliquot was used for analysis. The reporting limits were raised accordingly.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	9.	0.8	ug/l	1
05417	o-Xylene	95-47-6	17.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	15.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	19.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	110.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	1. J	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	150.	1.	ug/l	1



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 Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4753405

GW060418 431 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:36

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW431 SDG#: WCX10-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05430	sec-Butylbenzene	135-98-8	15.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	18.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	13.	1.	ug/l	1
05439	Naphthalene	91-20-3	72.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	19.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	2. J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	12.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753405

GW060418 431 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:36 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Sanborn Head & Associates

Reported: 04/24/2006 at 16:32

95 High Street

Discard: 05/09/2006

Portland ME 04101

GW431 SDG#: WCX10-03

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
No.						
04678	TCL SW846	SW-846 8270C	1	04/21/2006 10:12	Mark A Clark	1
	Semivolatiles/Waters					
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 05:23	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 05:23	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	04/20/2006 17:30	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 05:23	Nicholas R Rossi	1

8821



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Lancaster Laboratories Sample No. WW 4759716

GW060427_431 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:04 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

431WC SDG#: WCX11-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	2. J	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	6.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-1	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	5.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	6.	0.9	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	1



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Lancaster Laboratories Sample No. WW 4759716

GW060427_431 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:04

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

431WC SDG#: WCX11-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	7.	0.9	ug/l	1
03964	Anthracene	120-12-7	3. J	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	4. J	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	2. J	0.9	ug/l	1
The recoveries of several compounds were outside of QC limits in the LCS/LCSD. This sample was re-extracted outside of the method required holding time, and comparable data was observed. The data reported here is from the initial extraction of the sample.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	3. J	0.8	ug/l	1
05417	o-Xylene	95-47-6	9.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	1. J	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	1. J	1.	ug/l	8528
05426	1,3,5-Trimethylbenzene	108-67-8	26.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4759716

GW060427_431 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:04

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

431WC SDG#: WCX11-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	44.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	7.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	18.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	7.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	0.6 J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	3. J	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	8821



Lancaster Laboratories Sample No. WW 4759716

GW060427_431 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:04 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

431WC SDG#: WCX11-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	05/04/2006 02:29	Marla S Lord	1
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 03:09	Seth J Good	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 03:09	Seth J Good	1
00813	BNA Water Extraction	SW-846 3520C	1	05/01/2006 05:30	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 03:09	Seth J Good	1

9822



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Lancaster Laboratories Sample No. WW 4744171

MW432 Grab Water Sample

West Complex - Phase II

Collected: 04/05/2006 13:28

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW432 SDG#: WCX09-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	4. J	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	150.	5.	ug/l	5
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	9.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	10.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	882.7



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Lancaster Laboratories Sample No. WW 4744171

MW432 Grab Water Sample

West Complex - Phase II

Collected: 04/05/2006 13:28

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW432 SDG#: WCX09-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	4. J	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	13.	1.	ug/l	1
03964	Anthracene	120-12-7	1. J	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	7.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	54.	0.8	ug/l	1
05417	o-Xylene	95-47-6	89.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	35.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	45.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	150.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	1. J	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	350.	10.	ug/l	10
05430	sec-Butylbenzene	135-98-8	20.	1.	ug/l	8028
05431	p-Isopropyltoluene	99-87-6	21.	1.	ug/l	1



Lancaster Laboratories, Inc.
 2425 New Holland Pike
 PO Box 12425
 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4744171

MW432 Grab Water Sample

West Complex - Phase II

Collected: 04/05/2006 13:28

by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW432 SDG#: WCX09-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05434	n-Butylbenzene	104-51-8	15.	1.	1.	ug/l	1
05439	Naphthalene	91-20-3	180.	1.	1.	ug/l	1
06291	TCL by 8260 (water)						
02010	Methyl Tertiary Butyl Ether	1634-04-4	38.	0.5		ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.		ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.		ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.		ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.		ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8		ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.		ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8		ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.		ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8		ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8		ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8		ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.		ug/l	1
05401	Benzene	71-43-2	3. J	0.5		ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.		ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.		ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.		ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.		ug/l	1
05407	Toluene	108-88-3	1. J	0.7		ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8		ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8		ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	42.	0.8		ug/l	1
05418	Styrene	100-42-5	N.D.	1.		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
06302	Acetone	67-64-1	N.D.	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

8829



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4744171

MW432 Grab Water Sample

West Complex - Phase II

Collected: 04/05/2006 13:28 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

MW432 SDG#: WCX09-05

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	04/10/2006 10:44	Mark A Clark	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	04/10/2006 11:47	Mark A Clark	5
00310	8260B water special scan	SW-846 8260B	1	04/11/2006 04:15	Stephanie A Selis	1
00310	8260B water special scan	SW-846 8260B	1	04/11/2006 05:45	Stephanie A Selis	10
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 04:15	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 04:15	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	04/11/2006 05:45	Stephanie A Selis	10

0030



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

SEMIVOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-432
 Lab Sample ID: 0603630
 Date/Time Sampled: 04/05/2006 1328
 Date/Time Received: 04/05/2006 1335
 Date Extracted: 04/06/2006
 Location: IBM East Fishkill
 File No.: s39505/s39506
 GC/MS Sample ID: EF060405110
 Blank File No.: s39507/s39508

Report Date: 04/10/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/06/2006 1238
 Analysts Initials: MGM
 Method: 8270C
 Samplers Initials: GRM
 COC: 50581

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
83-32-9	Acenaphthene	2.53	20	6.61	J
208-96-8	Acenaphthylene	2.04	20		U
120-12-7	Anthracene	1.61	20		U
56-55-3	Benzo(a)anthracene	2.17	20		U
50-32-8	Benzo(a)pyrene	1.93	20		U
205-99-2	Benzo(b)fluoranthene	2.50	20		U
191-24-2	Benzo(g,h,i)perylene	1.71	20		U
207-08-9	Benzo(k)fluoranthene	2.07	20		U
100-51-6	Benzyl Alcohol	1.65	20		U
111-91-1	bis(2-Chloroethoxy)methane	1.85	20		U
111-44-4	bis(2-Chloroethyl)ether	2.51	20		U
108-60-1	bis(2-Chloroisopropyl)ether	1.75	20		U
117-81-7	bis(2-Ethylhexyl)phthalate	1.86	20		U
101-55-3	4-Bromophenyl-phenyl ether	2.13	20		U
85-68-7	Butylbenzylphthalate	2.30	20		U
95-57-8	2-Chlorophenol	2.44	20		U
91-58-7	2-Chloronaphthalene	2.46	20		U
106-47-8	4-Chloroaniline	3.86	20		U
59-50-7	4-Chloro-3-methylphenol	2.23	20		U
7005-72-3	4-Chlorophenyl-phenyl ether	2.12	20		U
218-01-9	Chrysene	2.28	20		U
53-70-3	Dibenzo(a,h)anthracene	1.78	20		U
132-64-9	Dibenzofuran	1.96	20		U
84-74-2	Di-n-butylphthalate	2.17	20		U
95-50-1	1,2-Dichlorobenzene	2.44	20		U
541-73-1	1,3-Dichlorobenzene	2.18	20		U
106-46-7	1,4-Dichlorobenzene	2.09	20		U
91-94-1	3,3'-Dichlorobenzidine	15.26	20		U
120-83-2	2,4-Dichlorophenol	2.72	20		U
84-66-2	Diethylphthalate	1.79	20		U
105-67-9	2,4-Dimethylphenol	2.10	20		U
131-11-3	Dimethylphthalate	1.93	20		U
117-84-0	Di-n-octylphthalate	1.21	20		U
534-52-1	4,6-Dinitro-2-methylphenol	2.65	20		U
51-28-5	2,4-Dinitrophenol	2.72	20		U
121-14-2	2,4-Dinitrotoluene	2.32	20		U
606-20-2	2,6-Dinitrotoluene	2.85	20		U

SEMIVOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
 Client Sample ID: MW-432
 Lab Sample ID: 0603630
 File No.: s39505/s39506

Report Date: 04/10/2006
 Project ID:
 Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
206-44-0	Fluoranthene	1.96	20		U
86-73-7	Fluorene	2.05	20	8.77	J
118-74-1	Hexachlorobenzene	2.14	20		U
87-68-3	Hexachlorobutadiene	3.15	20		U
77-47-4	Hexachlorocyclopentadiene	3.12	20		U
67-72-1	Hexachloroethane	2.29	20		U
193-39-5	Indeno(1,2,3-cd)pyrene	1.59	20		U
78-59-1	Isophorone	1.48	20		U
872-50-4	1-Methyl-2-pyrrolidinone *	3.04	20		U
91-57-6	2-Methylnaphthalene	4.84	40	116.41	D
106-44-5	4-Methylphenol	1.60	20		U
91-20-3	Naphthalene	4.76	40	91.89	D
88-74-4	2-Nitroaniline	1.92	20		U
99-09-2	3-Nitroaniline	2.03	20		U
100-01-6	4-Nitroaniline	2.38	20		U
98-95-3	Nitrobenzene	2.54	20		U
88-75-5	2-Nitrophenol	2.78	20		U
100-02-7	4-Nitrophenol	2.76	20		U
621-64-7	N-Nitroso-di-n-propylamine	1.99	20		U
86-30-6	N-Nitrosodiphenylamine	1.93	20		U
87-86-5	Pentachlorophenol	2.50	20		U
85-01-8	Phenanthrene	1.56	20	11.04	J
108-95-2	Phenol	0.30	20		U
129-00-0	Pyrene	2.25	20		U
120-82-1	1,2,4-Trichlorobenzene	3.00	20		U
95-95-4	2,4,5-Trichlorophenol	2.10	20		U
88-06-2	2,4,6-Trichlorophenol	2.57	20		U

SURROGATE RECOVERIES

2-Fluorophenol 50.4%
 Phenol-d5 30.9%
 Nitrobenzene-d5 74.2%

SURROGATE RECOVERIES

2-Fluorobiphenyl 78.9%
 2,4,6-Tribromophenol 93.8%
 Terphenyl-d14 80.6%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution).

Report Limit = Lowest calibration standard (corrected for dilution).

Q = Data Qualifiers

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Compound is found in the associated blank.

D = Compounds analyzed at a dilution

Comments: 4-Methylphenol coelutes with 3-Methylphenol

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: MW-432
 Lab Sample ID: 0603628
 Date/Time Sampled: 04/05/2006 1328
 Date/Time Received: 04/05/2006 1335
 Location: IBM East Fishkill
 File No.: V91204
 GC/MS Sample ID: EF060405108
 Blank File No.: V91203

Report Date: 04/12/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 10
 Date/Time Analyzed: 04/06/2006 0953
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GRM
 COC: 50581

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	47.8	100.0		U
71-43-2	Benzene	4.5	10.0		U
108-86-1	Bromobenzene *	4.6	10.0		U
75-27-4	Bromodichloromethane	3.9	10.0		U
75-25-2	Bromoform	3.3	20.0		U
74-83-9	Bromomethane	3.6	10.0		U
78-93-3	2-Butanone	2.9	20.0		U
75-15-0	Carbon Disulfide	4.5	10.0		U
56-23-5	Carbon Tetrachloride	4.5	10.0		U
108-90-7	Chlorobenzene	4.7	10.0		U
75-00-3	Chloroethane	4.1	10.0		U
67-66-3	Chloroform	4.1	10.0		U
74-87-3	Chloromethane	4.2	10.0		U
124-48-1	Dibromochloromethane	4.5	10.0		U
74-95-3	Dibromomethane	3.3	10.0		U
95-50-1	1,2-Dichlorobenzene	4.3	10.0		U
541-73-1	1,3-Dichlorobenzene	4.9	10.0		U
106-46-7	1,4-Dichlorobenzene	7.4	10.0		U
75-71-8	Dichlorodifluoromethane	4.0	10.0		U
75-34-3	1,1-Dichloroethane	4.6	10.0		U
107-06-2	1,2-Dichloroethane	3.7	10.0		U
75-35-4	1,1-Dichloroethene	3.8	10.0		U
540-59-0	1,2-Dichloroethene (total)	3.6	10.0		U
78-87-5	1,2-Dichloropropane	5.0	10.0		U
10061-01-5	cis-1,3-Dichloropropene	3.8	20.0		U
10061-02-6	trans-1,3-Dichloropropene	3.5	20.0		U
100-41-4	Ethyl Benzene	4.6	10.0	29.0	
76-13-1	Freon 113 *	5.8	10.0		U
354-23-4	Freon 123a *	4.8	10.0		U
591-78-6	2-Hexanone	3.0	10.0		U
75-09-2	Methylene Chloride	4.1	10.0		U
1634-04-4	Methyl tertbutylether	5.3	10.0	34.2	
108-10-1	4-Methyl-2-Pentanone	4.4	10.0		U
67-63-0	2-Propanol *	47.9	100.0		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
 Client Sample ID: MW-432
 Lab Sample ID: 0603628
 File No.: V91204

Report Date: 04/12/2006
 Project ID:
 Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	4.3	10.0		U
630-20-6	1,1,1,2-Tetrachloroethane	4.9	10.0		U
79-34-5	1,1,2,2-Tetrachloroethane	4.8	10.0		U
127-18-4	Tetrachloroethene	5.3	10.0		U
109-99-9	Tetrahydrofuran *	44.4	100.0		U
108-88-3	Toluene	3.9	10.0		U
87-61-6	1,2,3-Trichlorobenzene	5.1	20.0		U
120-82-1	1,2,4-Trichlorobenzene	3.9	20.0		U
71-55-6	1,1,1-Trichloroethane	4.4	10.0		U
79-00-5	1,1,2-Trichloroethane	4.5	10.0		U
79-01-6	Trichloroethene	3.9	10.0		U
75-69-4	Trichlorofluoromethane	5.5	10.0		U
96-18-4	1,2,3-Trichloropropane	2.6	10.0		U
108-05-4	Vinyl Acetate	3.2	20.0		U
75-01-4	Vinyl Chloride	4.7	10.0		U
1330-20-7	Xylenes (total)	4.9	10.0	92.4	

SURROGATE RECOVERIES

1,4-Dichlorobutane 96.8%
 4-Bromofluorobenzene 101.4%
 1,2-Dichlorobenzene-d4 106.6%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments:



Lancaster Laboratories Sample No. WW 4753406

GW060418 432 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW432 SDG#: WCX10-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	4. J	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	150.	5.	ug/l	5
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	9.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	10.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
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 Lancaster, PA 17605-2425
 717-656-2300 Fax: 717-656-2681



Lancaster Laboratories Sample No. WW 4753406

GW060418 432 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW432 SDG#: WCX10-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	13.	1.	ug/l	1
03964	Anthracene	120-12-7	1. J	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	7.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	24.	0.8	ug/l	1
05417	o-Xylene	95-47-6	47.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	23.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	31.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	130.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	270.	3.	ug/l	88235
05430	sec-Butylbenzene	135-98-8	12.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	14.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753406

GW060418 432 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW432 SDG#: WCX10-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
05434	n-Butylbenzene	104-51-8	10.	1.	ug/l	1
05439	Naphthalene	91-20-3	130.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	83.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	4. J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	28.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

8824



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Lancaster Laboratories Sample No. WW 4753406

GW060418 432 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

GW432 SDG#: WCX10-04

CAT			As Received	As Received		Dilution
No.	Analysis Name	CAS Number	Result	Method Detection Limit	Units	Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
04678	TCL SW846	SW-846 8270C	1	04/21/2006 10:33	Mark A Clark	1
	Semivolatiles/Waters					
04678	TCL SW846	SW-846 8270C	1	04/22/2006 10:59	Brian K Graham	5
	Semivolatiles/Waters					
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 05:46	Nicholas R Rossi	1
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 15:25	Kenneth L Boley Jr	2.5
06291	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 05:46	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	04/20/2006 17:30	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 05:46	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	04/21/2006 15:25	Kenneth L Boley Jr	2.5

8825



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Lancaster Laboratories Sample No. WW 4753407

NR060418 309 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

FD309 SDG#: WCX10-05FD*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	4. J	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	140.	5.	ug/l	5
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	9.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	9.	1.	ug/l	8625
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753407

NR060418 309 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

FD309 SDG#: WCX10-05FD*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	12.	1.	ug/l	1
03964	Anthracene	120-12-7	1. J	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	7.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	23.	0.8	ug/l	1
05417	o-Xylene	95-47-6	46.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	23.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	31.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	130.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	280.	3.	ug/l	88275
05430	sec-Butylbenzene	135-98-8	13.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	15.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753407

NR060418 309 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

FD309 SDG#: WCX10-05FD*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	10.	1.	ug/l	1
05439	Naphthalene	91-20-3	120.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	82.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	4. J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	27.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

6828



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Lancaster Laboratories Sample No. WW 4753407

NR060418 309 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 10:49 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

FD309 SDG#: WCX10-05FD*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	04/22/2006 11:20	Brian K Graham	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	04/22/2006 11:42	Brian K Graham	5
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 06:10	Nicholas R Rossi	1
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 15:48	Kenneth L Boley Jr	2.5
06291	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 06:10	Nicholas R Rossi	1
00813	BNA Water Extraction	SW-846 3510C	1	04/20/2006 17:30	Olivia I Santiago	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 06:10	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	04/21/2006 15:48	Kenneth L Boley Jr	2.5

0029



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4759717

GW060427 432 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

43227 SDG#: WCX11-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	11.	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	100.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-1	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	10.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	24.	0.9	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	8823



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Lancaster Laboratories Sample No. WW 4759717

GW060427 432 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

43227 SDG#: WCX11-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	3. J	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	9.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1

3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.

04684 Carbazole 86-74-8 N.D. 0.9 ug/l 1

The GC/MS semivolatile internal standard peak areas were outside of the QC limits for both the initial injection and the re-injection. The values here are from the initial injection of the sample.

The recoveries of several compounds were outside of QC limits in the LCS/LCSD. This sample was re-extracted outside of the method required holding time, and comparable data was observed. The data reported here is from the initial extraction of the sample.

00310 8260B water special scan

8824

05416 m+p-Xylene 1330-20-7 20. 0.8 ug/l 1



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Lancaster Laboratories Sample No. WW 4759717

GW060427 432 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

43227 SDG#: WCX11-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05417	o-Xylene	95-47-6	44.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	24.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	30.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	120.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	240.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	16.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	15.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	9.	1.	ug/l	1
05439	Naphthalene	91-20-3	130.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	39.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	3. J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	27.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1



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Lancaster Laboratories Sample No. WW 4759717

GW060427 432 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

43227 SDG#: WCX11-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	05/04/2006 02:52	Marla S Lord	1
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 03:32	Seth J Good	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 03:32	Seth J Good	1
00813	BNA Water Extraction	SW-846 3520C	1	05/01/2006 05:30	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 03:32	Seth J Good	1

0026



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Lancaster Laboratories Sample No. WW 4759718

NR060427_309 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:24

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

30942 SDG#: WCX11-05FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	3. J	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	110.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-1	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	9.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	8.	0.9	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	1

6627



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Lancaster Laboratories Sample No. WW 4759718

NR060427_309 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:24

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

30942 SDG#: WCX11-05FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	2. J	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	7.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	4. J	0.9	ug/l	1
The recoveries of several compounds were outside of QC limits in the LCS/LCSD. This sample was re-extracted outside of the method required holding time, and comparable data was observed. The data reported here is from the initial extraction of the sample.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	20.	0.8	ug/l	1
05417	o-Xylene	95-47-6	44.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	24.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	30.	1.	ug/l	0028
05426	1,3,5-Trimethylbenzene	108-67-8	120.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4759718

NR060427_309 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:24

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

30942 SDG#: WCX11-05FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	230.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	16.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	15.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	9.	1.	ug/l	1
05439	Naphthalene	91-20-3	130.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	39.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	3. J	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	27.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	8829
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4759718

NR060427_309 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 11:21

by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:24

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

30942 SDG#: WCX11-05FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	05/04/2006 03:14	Marla S Lord	1
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 03:54	Seth J Good	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 03:54	Seth J Good	1
00813	BNA Water Extraction	SW-846 3520C	1	05/01/2006 05:30	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 03:54	Seth J Good	1

6638



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APPENDIX D.3

TOXICITY CHARACTERISTIC LEACHING PROCEDURE ANALYSES (SOIL)



Lancaster Laboratories Sample No. TL 4707311

PIT2S1 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NI2S1 SDG#: WCX02-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	22.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	11.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	6.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	6.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. TL 4707311

PIT2S1 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NI2S1 SDG#: WCX02-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.						

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.



Page 3 of 3
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Lancaster Laboratories Sample No. TL 4707311

PIT2S1 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NI2S1 SDG#: WCX02-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/15/2006 02:26	William T Parker	1
00813	BNA Water Extraction	SW-846 3510C	1	02/14/2006 18:10	Olivia I Santiago	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	02/13/2006 14:30	Debora L Barsis	n.a.



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Lancaster Laboratories Sample No. TL 4707312

PIT2S1 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/09/2006 14:30

by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:16

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZI2S1 SDG#: WCX02-08*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.016	mg/l	20
05417	o-Xylene	95-47-6	N.D.	0.016	mg/l	20
05420	Isopropylbenzene	98-82-8	N.D.	0.020	mg/l	20
05424	n-Propylbenzene	103-65-1	N.D.	0.020	mg/l	20
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.020	mg/l	20
05428	tert-Butylbenzene	98-06-6	N.D.	0.020	mg/l	20
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.020	mg/l	20
05430	sec-Butylbenzene	135-98-8	N.D.	0.020	mg/l	20
05431	p-Isopropyltoluene	99-87-6	N.D.	0.020	mg/l	20
05434	n-Butylbenzene	104-51-8	N.D.	0.020	mg/l	20
05439	Naphthalene	91-20-3	N.D.	0.020	mg/l	20
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.010	mg/l	20
05385	Chloromethane	74-87-3	N.D.	0.020	mg/l	20
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05387	Bromomethane	74-83-9	N.D.	0.020	mg/l	20
05388	Chloroethane	75-00-3	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05391	Methylene Chloride	75-09-2	N.D.	0.040	mg/l	20
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.016	mg/l	20
05393	1,1-Dichloroethane	75-34-3	N.D.	0.020	mg/l	20
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.	0.020	mg/l	20
05406	Bromodichloromethane	75-27-4	N.D.	0.020	mg/l	20
05407	Toluene	108-88-3	N.D.	0.014	mg/l	20
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.016	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20



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Lancaster Laboratories Sample No. TL 4707312

PIT2S1 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/09/2006 14:30

by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:16

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZI2S1 SDG#: WCX02-08*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Units	
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
05415	Ethylbenzene	100-41-4	N.D.	0.016	mg/l	20
05418	Styrene	100-42-5	N.D.	0.020	mg/l	20
05419	Bromoform	75-25-2	N.D.	0.020	mg/l	20
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.020	mg/l	20
06302	Acetone	67-64-1	N.D.	0.12	mg/l	20
06303	Carbon Disulfide	75-15-0	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.020	mg/l	20
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.020	mg/l	20
06308	4-Methyl-2-pentanone	108-10-1	N.D.	0.060	mg/l	20
06309	2-Hexanone	591-78-6	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/17/2006 03:47	Kelly E Brickley	20
06291	TCL by 8260 (water)	SW-846 8260B	1	02/17/2006 03:47	Kelly E Brickley	20



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Page 3 of 3
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Lancaster Laboratories Sample No. TL 4707312

PIT2S1 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/09/2006 14:30 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:16

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZI2S1 SDG#: WCX02-08*

00946 TCLP Zero Headspace SW-846 1311

1 02/14/2006 12:50 Melvin O Strother n.a.

01163 GC/MS VOA Water Prep SW-846 5030B

1 02/17/2006 03:47 Kelly E Brickley 20



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Analysis Report



Page 1 of 3
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Lancaster Laboratories Sample No. TL 4706577

MWIS4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NWIS4 SDG#: WCX01-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	3. J	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	120.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	7.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. TL 4706577

MW1S4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NW1S4 SDG#: WCX01-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	8.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	11.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	1. J	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.



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Page 3 of 3
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Lancaster Laboratories Sample No. TL 4706577

MW1S4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NW1S4 SDG#: WCX01-03

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/15/2006 03:31	William T Parker	1
00813	BNA Water Extraction	SW-846 3510C	1	02/14/2006 18:10	Olivia I Santiago	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	02/13/2006 14:30	Debora L Barsis	n.a.



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Analysis Report



Page 1 of 3
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Lancaster Laboratories Sample No. TL 4706578

MW1S4 Grab Soil Sample
ZHE TCLP Extraction
West Complex - Phase I
Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZW1S4 SDG#: WCX01-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.016	mg/l	20
05417	o-Xylene	95-47-6	N.D.	0.016	mg/l	20
05420	Isopropylbenzene	98-82-8	N.D.	0.020	mg/l	20
05424	n-Propylbenzene	103-65-1	N.D.	0.020	mg/l	20
05426	1,3,5-Trimethylbenzene	108-67-8	0.044 J	0.020	mg/l	20
05428	tert-Butylbenzene	98-06-6	N.D.	0.020	mg/l	20
05429	1,2,4-Trimethylbenzene	95-63-6	0.14	0.020	mg/l	20
05430	sec-Butylbenzene	135-98-8	N.D.	0.020	mg/l	20
05431	p-Isopropyltoluene	99-87-6	N.D.	0.020	mg/l	20
05434	n-Butylbenzene	104-51-8	N.D.	0.020	mg/l	20
05439	Naphthalene	91-20-3	0.033 J	0.020	mg/l	20
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.010	mg/l	20
05385	Chloromethane	74-87-3	N.D.	0.020	mg/l	20
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05387	Bromomethane	74-83-9	N.D.	0.020	mg/l	20
05388	Chloroethane	75-00-3	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05391	Methylene Chloride	75-09-2	N.D.	0.040	mg/l	20
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.016	mg/l	20
05393	1,1-Dichloroethane	75-34-3	N.D.	0.020	mg/l	20
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.	0.020	mg/l	20
05406	Bromodichloromethane	75-27-4	N.D.	0.020	mg/l	20
05407	Toluene	108-88-3	N.D.	0.014	mg/l	20
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.016	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20



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2246 Rev. 2/10/03



Lancaster Laboratories Sample No. TL 4706578

MW1S4 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10

Reported: 03/01/2006 at 16:23

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZW1S4 SDG#: WCX01-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
05415	Ethylbenzene	100-41-4	N.D.	0.016	mg/l	20
05418	Styrene	100-42-5	N.D.	0.020	mg/l	20
05419	Bromoform	75-25-2	N.D.	0.020	mg/l	20
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.020	mg/l	20
06302	Acetone	67-64-1	N.D.	0.12	mg/l	20
06303	Carbon Disulfide	75-15-0	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.020	mg/l	20
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.020	mg/l	20
06308	4-Methyl-2-pentanone	108-10-1	N.D.	0.060	mg/l	20
06309	2-Hexanone	591-78-6	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/15/2006 04:35	Angela D Sneeringer	20
06291	TCL by 8260 (water)	SW-846 8260B	1	02/15/2006 04:35	Angela D Sneeringer	20



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Page 3 of 3
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Lancaster Laboratories Sample No. TL 4706578

MW1S4 Grab Soil Sample
ZHE TCLP Extraction
West Complex - Phase I
Collected: 02/06/2006 13:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZW1S4	SDG#: WCX01-04				
00946	TCLP Zero Headspace	SW-846 1311	1	02/13/2006 14:30	Melvin O Strother n.a.
	Extraction				
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2006 04:35	Angela D Sneeringer 20



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Lancaster Laboratories Sample No. TL 4710070

MW-5S4 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/14/2006 09:15

by DK

Account Number: 09671

Submitted: 02/15/2006 09:10

Reported: 03/01/2006 at 11:12

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZW5S4 SDG#: WCX03-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.016	mg/l	20
05417	o-Xylene	95-47-6	N.D.	0.016	mg/l	20
05420	Isopropylbenzene	98-82-8	N.D.	0.020	mg/l	20
05424	n-Propylbenzene	103-65-1	N.D.	0.020	mg/l	20
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.020	mg/l	20
05428	tert-Butylbenzene	98-06-6	N.D.	0.020	mg/l	20
05429	1,2,4-Trimethylbenzene	95-63-6	0.11	0.020	mg/l	20
05430	sec-Butylbenzene	135-98-8	N.D.	0.020	mg/l	20
05431	p-Isopropyltoluene	99-87-6	N.D.	0.020	mg/l	20
05434	n-Butylbenzene	104-51-8	N.D.	0.020	mg/l	20
05439	Naphthalene	91-20-3	0.043 J	0.020	mg/l	20
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.010	mg/l	20
05385	Chloromethane	74-87-3	N.D.	0.020	mg/l	20
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05387	Bromomethane	74-83-9	N.D.	0.020	mg/l	20
05388	Chloroethane	75-00-3	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05391	Methylene Chloride	75-09-2	N.D.	0.040	mg/l	20
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.016	mg/l	20
05393	1,1-Dichloroethane	75-34-3	N.D.	0.020	mg/l	20
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.	0.020	mg/l	20
05406	Bromodichloromethane	75-27-4	N.D.	0.020	mg/l	20
05407	Toluene	108-88-3	N.D.	0.014	mg/l	20
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.016	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20





Lancaster Laboratories Sample No. TL 4710070

MW-5S4 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/14/2006 09:15

by DK

Account Number: 09671

Submitted: 02/15/2006 09:10

Reported: 03/01/2006 at 11:12

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZW5S4 SDG#: WCX03-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.		0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.		0.016	mg/l	20
05415	Ethylbenzene	100-41-4	N.D.		0.016	mg/l	20
05418	Styrene	100-42-5	N.D.		0.020	mg/l	20
05419	Bromoform	75-25-2	N.D.		0.020	mg/l	20
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.020	mg/l	20
06302	Acetone	67-64-1	N.D.		0.12	mg/l	20
06303	Carbon Disulfide	75-15-0	N.D.		0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.		0.060	mg/l	20
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.020	mg/l	20
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.020	mg/l	20
06308	4-Methyl-2-pentanone	108-10-1	N.D.		0.060	mg/l	20
06309	2-Hexanone	591-78-6	N.D.		0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 12:15	Emiley A King	20
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 12:15	Emiley A King	20



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Page 3 of 3
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Lancaster Laboratories Sample No. TL 4710070

MW-5S4 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10

Reported: 03/01/2006 at 11:12

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZW5S4 SDG#: WCX03-07

00946 TCLP Zero Headspace SW-846 1311

1 02/20/2006 13:30 Melvin O Strother n.a.

Extraction

01163 GC/MS VOA Water Prep SW-846 5030B

1 02/22/2006 12:15 Emiley A King 20



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Lancaster Laboratories Sample No. TL 4710069

MW-5S4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NW5S4 SDG#: WCX03-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	3. J	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	130.	2.	ug/l	2
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	8.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1





Lancaster Laboratories Sample No. TL 4710069

MW-5S4 Grab Soil Sample

TCLP Non-Volatile Extraction

West Complex - Phase I

Collected: 02/14/2006 09:15

by DK

Account Number: 09671

Submitted: 02/15/2006 09:10

Reported: 03/01/2006 at 11:12

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

NW5S4 SDG#: WCX03-06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
03956	Fluorene	86-73-7	8.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	13.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	2. J	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.



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Page 3 of 3
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Lancaster Laboratories Sample No. TL 4710069

MW-5S4 Grab Soil Sample

TCLP Non-Volatile Extraction

West Complex - Phase I

Collected: 02/14/2006 09:15 by DK

Account Number: 09671

Submitted: 02/15/2006 09:10

Reported: 03/01/2006 at 11:12

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

NW5S4 SDG#: WCX03-06

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/20/2006 23:12	Ryan P Byrne	1
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/21/2006 10:27	Brian K Graham	2
00813	BNA Water Extraction	SW-846 3510C	1	02/17/2006 16:30	Olivia I Santiago	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	02/16/2006 10:55	Debora L Barsis	n.a.



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Analysis Report



Page 1 of 3
REVISED

Lancaster Laboratories Sample No. TL 4706581

SB-101S4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB101 SDG#: WCX01-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	1.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	36.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	5.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. TL 4706581

SB-101S4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB101 SDG#: WCX01-07

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	5. J	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	4. J	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
	Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.					

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.



Analysis Report



Page 3 of 3
REVISED

Lancaster Laboratories Sample No. TL 4706581

SB-101S4 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NB101 SDG#: WCX01-07

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/15/2006 03:53	William T Parker	1
00813	BNA Water Extraction	SW-846 3510C	1	02/14/2006 18:10	Olivia I Santiago	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	02/13/2006 14:30	Debora L Barsis	n.a.



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2245 Rev 3/08/03

Analysis Report



Page 1 of 3
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Lancaster Laboratories Sample No. TL 4706582

SB-101S4 Grab Soil Sample
ZHE TCLP Extraction
West Complex - Phase I
Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZB101 SDG#: WCX01-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.016	mg/l	20
05417	o-Xylene	95-47-6	N.D.	0.016	mg/l	20
05420	Isopropylbenzene	98-82-8	N.D.	0.020	mg/l	20
05424	n-Propylbenzene	103-65-1	N.D.	0.020	mg/l	20
05426	1,3,5-Trimethylbenzene	108-67-8	0.043 J	0.020	mg/l	20
05428	tert-Butylbenzene	98-06-6	N.D.	0.020	mg/l	20
05429	1,2,4-Trimethylbenzene	95-63-6	0.15	0.020	mg/l	20
05430	sec-Butylbenzene	135-98-8	N.D.	0.020	mg/l	20
05431	p-Isopropyltoluene	99-87-6	N.D.	0.020	mg/l	20
05434	n-Butylbenzene	104-51-8	N.D.	0.020	mg/l	20
05439	Naphthalene	91-20-3	0.044 J	0.020	mg/l	20
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.010	mg/l	20
05385	Chloromethane	74-87-3	N.D.	0.020	mg/l	20
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05387	Bromomethane	74-83-9	N.D.	0.020	mg/l	20
05388	Chloroethane	75-00-3	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05391	Methylene Chloride	75-09-2	N.D.	0.040	mg/l	20
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.016	mg/l	20
05393	1,1-Dichloroethane	75-34-3	N.D.	0.020	mg/l	20
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.	0.020	mg/l	20
05406	Bromodichloromethane	75-27-4	N.D.	0.020	mg/l	20
05407	Toluene	108-88-3	N.D.	0.014	mg/l	20
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.016	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20



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2245 Rev. 3/05/02

Analysis Report



Page 2 of 3
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Lancaster Laboratories Sample No. TL 4706582

SB-101S4 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10

Reported: 03/01/2006 at 16:24

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZB101 SDG#: WCX01-08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
05415	Ethylbenzene	100-41-4	N.D.	0.016	mg/l	20
05418	Styrene	100-42-5	N.D.	0.020	mg/l	20
05419	Bromoform	75-25-2	N.D.	0.020	mg/l	20
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.020	mg/l	20
06302	Acetone	67-64-1	N.D.	0.12	mg/l	20
06303	Carbon Disulfide	75-15-0	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.020	mg/l	20
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.020	mg/l	20
06308	4-Methyl-2-pentanone	108-10-1	N.D.	0.060	mg/l	20
06309	2-Hexanone	591-78-6	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/15/2006 04:58	Angela D Sneeringer	20
06291	TCL by 8260 (water)	SW-846 8260B	1	02/15/2006 04:58	Angela D Sneeringer	20



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Analysis Report



Page 3 of 3
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Lancaster Laboratories Sample No. TL 4706582

SB-101S4 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/07/2006 08:00

Account Number: 09671

Submitted: 02/09/2006 09:10

Reported: 03/01/2006 at 16:24

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZB101 SDG#: WCX01-08

00946 TCLP Zero Headspace
Extraction

SW-846 1311

1 02/13/2006 14:30 Melvin O Strother n.a.

01163 GC/MS VOA Water Prep

SW-846 5030B

1 02/15/2006 04:58 Angela D Sneeringer 20



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Lancaster, PA 17605-2425

Analysis Report



Page 1 of 3
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Lancaster Laboratories Sample No. TL 4706587

SB-102S2 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

N02S2 SDG#: WCX01-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	2. J	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	42.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	21.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	5.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Lancaster, PA 17605-2425

Analysis Report



Page 2 of 3
REVISED

Lancaster Laboratories Sample No. TL 4706587

SB-102S2 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

N02S2 SDG#: WCX01-13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
03956	Fluorene	86-73-7	6.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	11.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
Due to insufficient sample, the reporting limits for the GC/MS semivolatile compounds were raised.						

All QC is compliant unless otherwise noted. Please refer to the Quality
Control Summary for overall QC performance data and associated samples.



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Analysis Report



Page 3 of 3
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Lancaster Laboratories Sample No. TL 4706587

SB-102S2 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I
Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

N02S2 SDG#: WCX01-13

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/15/2006 04:14	William T Parker	1
00813	BNA Water Extraction	SW-846 3510C	1	02/14/2006 18:10	Olivia I Santiago	1
00947	TCLP Non-volatile Extraction	SW-846 1311	1	02/13/2006 14:30	Debora L Barsis	n.a.



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3346 Rev. 5/2005

Analysis Report



Page 1 of 3
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Lancaster Laboratories Sample No. TL 4706588

SB-102S2 Grab Soil Sample
ZHE TCLP Extraction
West Complex - Phase I
Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

Z02S2 SDG#: WCX01-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.016	mg/l	20
05417	o-Xylene	95-47-6	N.D.	0.016	mg/l	20
05420	Isopropylbenzene	98-82-8	N.D.	0.020	mg/l	20
05424	n-Propylbenzene	103-65-1	N.D.	0.020	mg/l	20
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.020	mg/l	20
05428	tert-Butylbenzene	98-06-6	N.D.	0.020	mg/l	20
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.020	mg/l	20
05430	sec-Butylbenzene	135-98-8	N.D.	0.020	mg/l	20
05431	p-Isopropyltoluene	99-87-6	N.D.	0.020	mg/l	20
05434	n-Butylbenzene	104-51-8	N.D.	0.020	mg/l	20
05439	Naphthalene	91-20-3	N.D.	0.020	mg/l	20
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.010	mg/l	20
05385	Chloromethane	74-87-3	N.D.	0.020	mg/l	20
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05387	Bromomethane	74-83-9	N.D.	0.020	mg/l	20
05388	Chloroethane	75-00-3	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05391	Methylene Chloride	75-09-2	N.D.	0.040	mg/l	20
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.016	mg/l	20
05393	1,1-Dichloroethane	75-34-3	N.D.	0.020	mg/l	20
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.	0.020	mg/l	20
05406	Bromodichloromethane	75-27-4	N.D.	0.020	mg/l	20
05407	Toluene	108-88-3	N.D.	0.014	mg/l	20
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.016	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20



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Analysis Report



Page 2 of 3
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Lancaster Laboratories Sample No. TL 4706588

SB-102S2 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10

Reported: 03/01/2006 at 16:24

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

Z02S2 SDG#: WCX01-14

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
05415	Ethylbenzene	100-41-4	N.D.	0.016	mg/l	20
05418	Styrene	100-42-5	N.D.	0.020	mg/l	20
05419	Bromoform	75-25-2	N.D.	0.020	mg/l	20
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.020	mg/l	20
06302	Acetone	67-64-1	N.D.	0.12	mg/l	20
06303	Carbon Disulfide	75-15-0	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.020	mg/l	20
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.020	mg/l	20
06308	4-Methyl-2-pentanone	108-10-1	N.D.	0.060	mg/l	20
06309	2-Hexanone	591-78-6	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/15/2006 05:21	Angela D Sneeringer	20
06291	TCL by 8260 (water)	SW-846 8260B	1	02/15/2006 05:21	Angela D Sneeringer	20



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Analysis Report



Page 3 of 3
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Lancaster Laboratories Sample No. TL 4706588

SB-102S2 Grab Soil Sample
ZHE TCLP Extraction
West Complex - Phase I
Collected: 02/07/2006 15:40

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

Z02S2	SDG#: WCX01-14				
00946	TCLP Zero Headspace	SW-846 1311	1	02/13/2006 14:30	Melvin O Strother n.a.
	Extraction				
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/15/2006 05:21	Angela D Sneeringer 20



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0046 Rev 3/16/07



Lancaster Laboratories Sample No. TL 4707307

SB10553 Grab Soil Sample

TCLP Non-Volatile Extraction

West Complex - Phase I

Collected: 02/08/2006 16:10

by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:15

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZB553 SDG#: WCX02-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1





Lancaster Laboratories Sample No. TL 4707307

SB10553 Grab Soil Sample
TCLP Non-Volatile Extraction
West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:15
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

ZB553 SDG#: WCX02-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.



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Lancaster Laboratories Sample No. TL 4707307

SB10553 Grab Soil Sample

TCLP Non-Volatile Extraction

West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:15

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

ZB553 SDG#: WCX02-03

Laboratory Chronicle

CAT	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
No.						
04678	TCL SW846	SW-846 8270C	1	02/15/2006 04:36	William T Parker	1
	Semivolatiles/Waters					
00813	BNA Water Extraction	SW-846 3510C	1	02/14/2006 18:10	Olivia I Santiago	1
00947	TCLP Non-volatile	SW-846 1311	1	02/13/2006 14:30	Debora L Barsis	n.a.
	Extraction					



Lancaster Laboratories Sample No. TL 4707308

SB10553 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/08/2006 16:10

by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:15

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SB553 SDG#: WCX02-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.016	mg/l	20
05417	o-Xylene	95-47-6	N.D.	0.016	mg/l	20
05420	Isopropylbenzene	98-82-8	N.D.	0.020	mg/l	20
05424	n-Propylbenzene	103-65-1	N.D.	0.020	mg/l	20
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	0.020	mg/l	20
05428	tert-Butylbenzene	98-06-6	N.D.	0.020	mg/l	20
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	0.020	mg/l	20
05430	sec-Butylbenzene	135-98-8	N.D.	0.020	mg/l	20
05431	p-Isopropyltoluene	99-87-6	N.D.	0.020	mg/l	20
05434	n-Butylbenzene	104-51-8	N.D.	0.020	mg/l	20
05439	Naphthalene	91-20-3	N.D.	0.020	mg/l	20
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.010	mg/l	20
05385	Chloromethane	74-87-3	N.D.	0.020	mg/l	20
05386	Vinyl Chloride	75-01-4	N.D.	0.020	mg/l	20
05387	Bromomethane	74-83-9	N.D.	0.020	mg/l	20
05388	Chloroethane	75-00-3	N.D.	0.020	mg/l	20
05390	1,1-Dichloroethene	75-35-4	N.D.	0.016	mg/l	20
05391	Methylene Chloride	75-09-2	N.D.	0.040	mg/l	20
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.016	mg/l	20
05393	1,1-Dichloroethane	75-34-3	N.D.	0.020	mg/l	20
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.016	mg/l	20
05396	Chloroform	67-66-3	N.D.	0.016	mg/l	20
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.016	mg/l	20
05399	Carbon Tetrachloride	56-23-5	N.D.	0.020	mg/l	20
05401	Benzene	71-43-2	N.D.	0.010	mg/l	20
05402	1,2-Dichloroethane	107-06-2	N.D.	0.020	mg/l	20
05403	Trichloroethene	79-01-6	N.D.	0.020	mg/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.	0.020	mg/l	20
05406	Bromodichloromethane	75-27-4	N.D.	0.020	mg/l	20
05407	Toluene	108-88-3	N.D.	0.014	mg/l	20
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.016	mg/l	20
05409	Tetrachloroethene	127-18-4	N.D.	0.016	mg/l	20



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Lancaster Laboratories Sample No. TL 4707308

SB10553 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/08/2006 16:10

by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:15

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SB553 SDG#: WCX02-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	0.020	mg/l	20
05413	Chlorobenzene	108-90-7	N.D.	0.016	mg/l	20
05415	Ethylbenzene	100-41-4	N.D.	0.016	mg/l	20
05418	Styrene	100-42-5	N.D.	0.020	mg/l	20
05419	Bromoform	75-25-2	N.D.	0.020	mg/l	20
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.020	mg/l	20
06302	Acetone	67-64-1	N.D.	0.12	mg/l	20
06303	Carbon Disulfide	75-15-0	N.D.	0.020	mg/l	20
06305	2-Butanone	78-93-3	N.D.	0.060	mg/l	20
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.020	mg/l	20
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.020	mg/l	20
06308	4-Methyl-2-pentanone	108-10-1	N.D.	0.060	mg/l	20
06309	2-Hexanone	591-78-6	N.D.	0.060	mg/l	20

The volatile organic analyses were performed on a zero headspace toxicity characteristic leachate of the submitted waste. The leachate was prepared according to the procedure specified in SW-846, Chapter 7.4 (Revision 3, 12/94).

If the TCLP extract contains any one of the Toxicity Characteristic (TC) constituents in an amount equal to or exceeding the concentrations specified in 40 CFR Part 261.24, the waste possesses the characteristic of toxicity and is a hazardous waste. These limits are listed below in mg/L. Other limits may apply for analyses performed under other regulations.

Benzene	0.5	1,1-Dichloroethene	0.7
Carbon Tetrachloride	0.5	Methyl Ethyl Ketone (2-Butanone)	200.0
Chlorobenzene	100.0	Tetrachloroethene	0.7
Chloroform	6.0	Trichloroethene	0.5
1,2-Dichloroethane	0.5	Vinyl Chloride	0.2

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/17/2006 03:24	Kelly E Brickley	20
06291	TCL by 8260 (water)	SW-846 8260B	1	02/17/2006 03:24	Kelly E Brickley	20



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Page 3 of 3
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Lancaster Laboratories Sample No. TL 4707308

SB10553 Grab Soil Sample

ZHE TCLP Extraction

West Complex - Phase I

Collected: 02/08/2006 16:10 by DI

Account Number: 09671

Submitted: 02/10/2006 09:10

Reported: 02/27/2006 at 15:15

Discard: 03/14/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SB553 SDG#: WCX02-04

00946 TCLP Zero Headspace SW-846 1311

1 02/14/2006 12:50 Melvin O Strother n.a.

Extraction

01163 GC/MS VOA Water Prep SW-846 5030B

1 02/17/2006 03:24 Kelly E Brickley 20



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APPENDIX D.4

RCRA METALS ANALYSES (WATER)

Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. WW 4712907

MW-3-S1 Grab Water Sample
West Complex - Phase I

Collected: 02/16/2006 15:00 by DI

Account Number: 09671

Submitted: 02/19/2006 11:30

Sanborn Head & Associates

Reported: 02/28/2006 at 14:49

95 High Street

Discard: 03/15/2006

Portland ME 04101

MW3S1 SDG#: WCX05-02

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
00259	Mercury	7439-97-6	N.D.	0.000062	mg/l	1
07035	Arsenic	7440-38-2	N.D.	0.0093	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	mg/l	1
07046	Barium	7440-39-3	0.0983	0.00044	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	mg/l	1
07051	Chromium	7440-47-3	0.0131 J	0.0048	mg/l	1
07055	Lead	7439-92-1	0.0134 J	0.0084	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	02/21/2006 06:58	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	02/22/2006 08:12	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	02/21/2006 02:25	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2006 19:30	Nelli S Markaryan	1



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Lancaster Laboratories Sample No. WW 4712908

MW-1A-S1 Grab Water Sample
West Complex - Phase I

Collected: 02/16/2006 15:09

by DI

Account Number: 09671

Submitted: 02/19/2006 11:30

Reported: 02/28/2006 at 14:49

Discard: 03/15/2006

Sanborn Head & Associates

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Portland ME 04101

MA1S1 SDG#: WCX05-03

CAT No.	Analysis Name	CAS Number	As Received Result	As Received	Units	Dilution Factor
				Method Detection Limit		
00259	Mercury	7439-97-6	N.D.	0.000062	mg/l	1
07035	Arsenic	7440-38-2	N.D.	0.0093	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	mg/l	1
07046	Barium	7440-39-3	0.163	0.00044	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	mg/l	1
07051	Chromium	7440-47-3	0.0359	0.0048	mg/l	1
07055	Lead	7439-92-1	0.0274	0.0084	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	02/21/2006 06:59	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	02/22/2006 08:26	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	02/21/2006 02:25	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2006 19:30	Nelli S Markaryan	1



Lancaster Laboratories Sample No. WW 4712909

MW-2-S1 Grab Water Sample
West Complex - Phase I

Collected: 02/16/2006 15:15 by DI

Account Number: 09671

Submitted: 02/19/2006 11:30

Sanborn Head & Associates

Reported: 02/28/2006 at 14:49

95 High Street

Discard: 03/15/2006

Portland ME 04101

MW2S1 SDG#: WCX05-04

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
00259	Mercury	7439-97-6	N.D.	0.000062	mg/l	1
07035	Arsenic	7440-38-2	0.0350	0.0093	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	mg/l	1
07046	Barium	7440-39-3	0.473	0.00044	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	mg/l	1
07051	Chromium	7440-47-3	0.150	0.0048	mg/l	1
07055	Lead	7439-92-1	0.0792	0.0084	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	02/21/2006 07:00	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	02/22/2006 08:31	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	02/21/2006 02:25	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2006 19:30	Nelli S Markaryan	1



Lancaster Laboratories Sample No. WW 4712910

MW-2-S1-D Grab Water Sample
West Complex - Phase I

Collected: 02/16/2006 15:15 by DI

Account Number: 09671

Submitted: 02/19/2006 11:30
Reported: 02/28/2006 at 14:49
Discard: 03/15/2006

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M2S1D SDG#: WCX05-05FD

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
00259	Mercury	7439-97-6	N.D.	0.000062	mg/l	1
07035	Arsenic	7440-38-2	0.0205	0.0093	mg/l	1
07036	Selenium	7782-49-2	N.D.	0.0094	mg/l	1
07046	Barium	7440-39-3	0.324	0.00044	mg/l	1
07049	Cadmium	7440-43-9	N.D.	0.00097	mg/l	1
07051	Chromium	7440-47-3	0.0948	0.0048	mg/l	1
07055	Lead	7439-92-1	0.0519	0.0084	mg/l	1
07066	Silver	7440-22-4	N.D.	0.0020	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00259	Mercury	SW-846 7470A	1	02/21/2006 07:02	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
07049	Cadmium	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	02/22/2006 08:36	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	02/21/2006 02:25	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2006 19:30	Nelli S Markaryan	1

APPENDIX D.5

TOTAL ORGANIC CARBON ANALYSES (SOIL)

Analysis Report



Page 1 of 1
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Lancaster Laboratories Sample No. SW 4706583

MW2S3 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 10:30

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

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MW2S3 SDG#: WCX01-09

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	16.2	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
00383	TOC by Lloyd Kahn	n.a.	N.D.	180.	mg/kg	1
	The quantitation limit for total organic carbon was increased due to the nature of the sample matrix.					

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
00383	TOC by Lloyd Kahn	Lloyd Kahn modified	1	02/15/2006 10:16	James S Mathiot	1



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Analysis Report



Page 1 of 1
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Lancaster Laboratories Sample No. SW 4706584

MW3S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/07/2006 11:21

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

NW2S3 SDG#: WCX01-10

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture	n.a.	13.7	0.50	%	1
	"Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.					
00383	TOC by Lloyd Kahn	n.a.	N.D.	170.	mg/kg	1
	The quantitation limit for total organic carbon was increased due to the nature of the sample matrix.					

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00111	Moisture	EPA 160.3 modified	1	02/10/2006 15:30	Scott W Freisher	1
00383	TOC by Lloyd Kahn	Lloyd Kahn modified	1	02/15/2006 10:59	James S Mathiot	1



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Lancaster, PA 17605-2425



Lancaster Laboratories Sample No. SW 4706590

SB104S4 Grab Soil Sample
West Complex - Phase I

Collected: 02/08/2006 12:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

104S4 SDG#: WCX01-16*

CAT No.	Analysis Name	CAS Number	Dry Result	Dry Method Detection Limit	Units	Dilution Factor
00111	Moisture "Moisture" represents the loss in weight of the sample after oven drying at 103 - 105 degrees Celsius. The moisture result reported above is on an as-received basis.	n.a.	20.7	0.50	%	1
00383	TOC by Lloyd Kahn The quantitation limit for total organic carbon was increased due to the nature of the sample matrix.	n.a.	N.D.	340.	mg/kg	1
04688	TCL SW846 Semivolatiles Soil					
01185	Phenol	108-95-2	N.D.	42.	ug/kg	1
01186	2-Chlorophenol	95-57-8	N.D.	42.	ug/kg	1
01187	1,4-Dichlorobenzene	106-46-7	N.D.	42.	ug/kg	1
01188	N-Nitroso-di-n-propylamine	621-64-7	N.D.	42.	ug/kg	1
01189	1,2,4-Trichlorobenzene	120-82-1	N.D.	42.	ug/kg	1
01190	4-Chloro-3-methylphenol	59-50-7	N.D.	84.	ug/kg	1
01191	Acenaphthene	83-32-9	N.D.	42.	ug/kg	1
01192	4-Nitrophenol	100-02-7	N.D.	210.	ug/kg	1
01193	2,4-Dinitrotoluene	121-14-2	N.D.	84.	ug/kg	1
01194	Pentachlorophenol	87-86-5	N.D.	210.	ug/kg	1
01195	Pyrene	129-00-0	N.D.	42.	ug/kg	1
03746	2-Nitrophenol	88-75-5	N.D.	42.	ug/kg	1
03747	2,4-Dimethylphenol	105-67-9	N.D.	130.	ug/kg	1
03748	2,4-Dichlorophenol	120-83-2	N.D.	42.	ug/kg	1
03749	2,4,6-Trichlorophenol	88-06-2	N.D.	42.	ug/kg	1
03750	2,4-Dinitrophenol	51-28-5	N.D.	840.	ug/kg	1
03751	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	210.	ug/kg	1
03753	bis(2-Chloroethyl) ether	111-44-4	N.D.	42.	ug/kg	1
03754	1,3-Dichlorobenzene	541-73-1	N.D.	42.	ug/kg	1
03755	1,2-Dichlorobenzene	95-50-1	N.D.	42.	ug/kg	1
03757	Hexachloroethane	67-72-1	N.D.	42.	ug/kg	1
03758	Nitrobenzene	98-95-3	N.D.	42.	ug/kg	1
03759	Isophorone	78-59-1	N.D.	42.	ug/kg	1
03760	bis(2-Chloroethoxy) methane	111-91-1	N.D.	42.	ug/kg	1
03762	Hexachlorobutadiene	87-68-3	N.D.	84.	ug/kg	1
03763	Hexachlorocyclopentadiene	77-47-4	N.D.	210.	ug/kg	1
03764	2-Chloronaphthalene	91-58-7	N.D.	42.	ug/kg	1
03766	Dimethylphthalate	131-11-3	N.D.	84.	ug/kg	1



APPENDIX D.6
QA/QC SAMPLE DATA

Analysis Report



Page 1 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

RB101 SDG#: WCX01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Analysis Report



Page 2 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

Submitted: 02/09/2006 09:10

Sanborn Head & Associates

Reported: 03/01/2006 at 16:23

95 High Street

Discard: 03/16/2006

Portland ME 04101

RB101 SDG#: WCX01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	85-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1



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Analysis Report



Page 3 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

Submitted: 02/09/2006 09:10

Reported: 03/01/2006 at 16:23

Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

RB101 SDG#: WCX01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethane	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethane	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethane	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethane	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1



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Analysis Report



Page 4 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

Submitted: 02/09/2006 09:10

Sanborn Head & Associates

Reported: 03/01/2006 at 16:23

95 High Street

Discard: 03/16/2006

Portland ME 04101

RB101 SDG#: WCK01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/14/2006 15:16	Ryan P Byrne	1
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 02:36	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 02:36	Angela D Sneeringer	1
00813	BNA Water Extraction	SW-846 3510C	1	02/10/2006 16:15	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 02:36	Angela D Sneeringer	1



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Analysis Report



Page 1 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:23
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

RB101 SDG#: WCX01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	20.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy) methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Analysis Report



Page 2 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

Submitted: 02/09/2006 09:10

Sanborn Head & Associates

Reported: 03/01/2006 at 16:23

95 High Street

Discard: 03/16/2006

Portland ME 04101

RB101 SDG#: WCX01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	85-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1



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Analysis Report



Page 3 of 4
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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

Account Number: 09671

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Sanborn Head & Associates

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Portland ME 04101

RB101 SDG#: WCX01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethane	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethane	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethane	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethane	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4706575

RB-101 Grab Water Sample
West Complex - Phase I

Collected: 02/06/2006 10:00

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95 High Street

Discard: 03/16/2006

Portland ME 04101

RB101 SDG#: WCK01-01RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/14/2006 15:16	Ryan P Byrne	1
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 02:36	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 02:36	Angela D Sneeringer	1
00813	BNA Water Extraction	SW-846 3510C	1	02/10/2006 16:15	Kerrie A Greenfield	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 02:36	Angela D Sneeringer	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4706579

TB06030-1 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB603 SDG#: WCX01-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	2
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Page 2 of 2
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Lancaster Laboratories Sample No. WW 4706579

TB06030-1 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB603 SDG#: WCX01-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 02:59	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 02:59	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 02:59	Angela D Sneeringer	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4706589

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB030 SDG#: WCX01-15TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Page 2 of 2
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Lancaster Laboratories Sample No. WW 4706589

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB030 SDG#: WCX01-15TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 03:23	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 03:23	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 03:23	Angela D Sneeringer	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4707309

TB06030 Trip Blank Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB1S2 SDG#: WCX02-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4707309

TB06030 Trip Blank Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB1S2 SDG#: WCX02-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8		ug/l	1
05418	Styrene	100-42-5	N.D.	1.		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
06302	Acetone	67-64-1	N.D.	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/14/2006 06:39	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/14/2006 06:39	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/14/2006 06:39	Angela D Sneeringer	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4710064

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB037 SDG#: WCX03-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethane	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethane	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethane	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethane	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4710064

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB037 SDG#: WCX03-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8		ug/l	1
05418	Styrene	100-42-5	N.D.	1.		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
06302	Acetone	67-64-1	N.D.	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 03:46		Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 03:46		Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 03:46		Angela D Sneeringer	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4712078

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB637 SDG#: WCX04-03TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4712078

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB637 SDG#: WCX04-03TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	B260B water special scan	SW-846 8260B	1	02/22/2006 07:54	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 07:54	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 07:54	Stephanie A Selis	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster, PA 17605-2425

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



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Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
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Lancaster PA 17605-7425

Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Sanborn Head & Associates

Reported: 02/23/2006 at 14:38

95 High Street

Discard: 03/10/2006

Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/22/2006 00:10	William T Parker	1
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 09:03	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 09:03	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	02/19/2006 08:15	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 09:03	Stephanie A Selis	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster PA 17606-2425

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4712086

TB06032 Water Sample
West Complex - Phase I

Collected: 02/06/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:39
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

06032 SDG#: WCX04-11TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4712086

TB06032 Water Sample
West Complex - Phase I

Collected: 02/06/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:39
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

06032 SDG#: WCX04-11TB*

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 09:27	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 09:27	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 09:27	Stephanie A Selis	1



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Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. WW 4712906

FBLK-1 Grab Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/19/2006 11:30
Reported: 02/28/2006 at 14:49
Discard: 03/15/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLK1 SDG#: WCX05-01FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
00259	Mercury	7439-97-6	N.D.		0.000062	mg/l	1
07035	Arsenic	7440-38-2	N.D.		0.0093	mg/l	1
07036	Selenium	7782-49-2	N.D.		0.0094	mg/l	1
07046	Barium	7440-39-3	N.D.		0.00044	mg/l	1
07049	Cadmium	7440-43-9	N.D.		0.00097	mg/l	1
07051	Chromium	7440-47-3	N.D.		0.0048	mg/l	1
07055	Lead	7439-92-1	N.D.		0.0084	mg/l	1
07066	Silver	7440-22-4	N.D.		0.0020	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date	Time		
00259	Mercury	SW-846 7470A	1	02/21/2006	06:57	Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/22/2006	08:07	Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	02/22/2006	08:07	Joanne M Gates	1
07046	Barium	SW-846 6010B	1	02/23/2006	02:23	Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	02/22/2006	08:07	Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/22/2006	08:07	Joanne M Gates	1
07055	Lead	SW-846 6010B	1	02/22/2006	08:07	Joanne M Gates	1
07066	Silver	SW-846 6010B	1	02/22/2006	08:07	Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	02/21/2006	02:25	Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2006	19:30	Nelli S Markaryan	1

8822



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4714229

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/22/2006 09:00
Reported: 02/23/2006 at 13:55
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

060TB SDG#: WCX06-02TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethane	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethane	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethane	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethane	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethane	127-18-4	N.D.	0.8	ug/l	1



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2216 Rev 3/10/02

Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4714229

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/22/2006 09:00
Reported: 02/23/2006 at 13:55
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

060TB SDG#: WCX06-02TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/23/2006 07:13	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/23/2006 07:13	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/23/2006 07:13	Nicholas R Rossi	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4733576

TB060321_300_Trip_Blank_Water_Sample
West Complex - Phase II

Collected: 03/21/2006 08:00

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB300 SDG#: WCX07-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	0.012
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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2216 Rev. 3/10/03

Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4733576

TB060321_300 Trip Blank Water Sample
West Complex - Phase II

Collected: 03/21/2006 08:00

Account Number: 09671

Submitted: 03/22/2006 09:50

Sanborn Head & Associates

Reported: 04/11/2006 at 11:25

95 High Street

Discard: 04/26/2006

Portland ME 04101

TB300 SDG#: WCX07-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 20:52	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 20:52	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 20:52	Nicholas R Rossi	1

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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4733577

FB060321_301_Field_Blank Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:16 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FB301 SDG#: WCX07-02FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	88-14
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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2216 Rev. 3/10/03

Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. NW 4733577

FB060321_301_Field_Blank_Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:16 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FB301 SDG#: WCX07-02FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 21:15	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 21:15	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 21:15	Nicholas R Rossi	1

8815



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4741883

Trip Blank Water Sample

West Complex - Phase II

Collected: 03/23/2006

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TBSAN SDG#: WCX08-11TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	80551



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2216 Rev. 3/10/03

Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4741883

Trip Blank Water Sample

West Complex - Phase II

Collected: 03/23/2006

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TBSAN SDG#: WCX08-11TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	04/04/2006 12:30	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/04/2006 12:30	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/04/2006 12:30	Angela D Sneeringer	1

8856



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2216 Rev. 3/10/03



Lancaster Laboratories Sample No. WW 4744172

Field Rinseate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-1	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	0.9	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	8831
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	1



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Lancaster Laboratories Sample No. WW 4744172

Field Rinsate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	0.9	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4744172

Field Rinsate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

0833



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744172

Field Rinsate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846	SW-846 8270C	1	04/10/2006 11:06	Mark A Clark	1
00310	Semivolatiles/Waters					
06291	8260B water special scan	SW-846 8260B	1	04/11/2006 02:00	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 02:00	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 02:00	Stephanie A Selis	1

8834



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Lancaster Laboratories Sample No. WW 4744173

Trip Blank Water Sample

West Complex - Phase II
Collected: 03/23/2006

Account Number: 09671

Submitted: 04/06/2006 09:05
Reported: 04/11/2006 at 15:45
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SBHTB SDG#: WCX09-07TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	8835
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. NW 4744173

Trip Blank Water Sample

West Complex - Phase II
Collected: 03/23/2006

Account Number: 09671

Submitted: 04/06/2006 09:05
Reported: 04/11/2006 at 15:45
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SBHTB SDG#: WCX09-07TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Detection Limit	
05415	Ethylbenzene	100-41-4	N.D.		0.8	1
05418	Styrene	100-42-5	N.D.		1.	1
05419	Bromoform	75-25-2	N.D.		1.	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	1
06302	Acetone	67-64-1	N.D.		6.	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	1
06305	2-Butanone	78-93-3	N.D.		3.	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	1
06309	2-Hexanone	591-78-6	N.D.		3.	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trials	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	04/11/2006 02:23	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 02:23	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 02:23	Stephanie A Selis	1

8836



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4753403

TB060418 302 Water Sample

West Complex - Phase II

Collected: 04/18/2006

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX10-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	8812
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4753403

TB060418 302 Water Sample

West Complex - Phase II

Collected: 04/18/2006

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX10-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 06:56	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 06:56	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 06:56	Nicholas R Rossi	1

8813



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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	0.01
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	66.15
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

0616



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Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Method	Detection Limit	Dilution Factor

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
04678	TCL SW846	SW-846 8270C	1	04/21/2006 09:50	Mark A Clark	1
00310	Semivolatiles/Waters					
06291	8260B water special scan	SW-846 8260B	1	04/21/2006 15:02	Kenneth L Boley Jr	1
00813	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 15:02	Kenneth L Boley Jr	1
01163	BNA Water Extraction	SW-846 3510C	1	04/20/2006 17:30	Olivia I Santiago	1
	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 15:02	Kenneth L Boley Jr	1

0017



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4759714

TB060427_302 Water Sample

West Complex - Phase II

Collected: 04/27/2006

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX11-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	8813



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4759714

TB060427_302 Water Sample

West Complex - Phase II

Collected: 04/27/2006

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX11-01TB

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 02:24	Seth J Good	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 02:24	Seth J Good	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 02:24	Seth J Good	1

6614



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-2	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	80.15



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Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	0.9	ug/l	1
The recoveries of several compounds were outside of QC limits in the LCS/LCSD. This sample was re-extracted outside of the method required holding time, and comparable data was observed. The data reported here is from the initial extraction of the sample.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	8816
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1



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Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1



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2216 Rev. 3/10/03



Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Method	Units	Dilution
				Detection		Factor
				Limit		
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT				Analysis			Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst		Factor
04678	TCL SW846	SW-846 8270C	1	05/04/2006 02:07	Marla S Lord		1
	Semivolatiles/Waters						
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 02:47	Seth J Good		1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 02:47	Seth J Good		1
00813	BNA Water Extraction	SW-846 3520C	1	05/01/2006 05:30	Mark P Mastropietro		1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 02:47	Seth J Good		1

8818



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4706579

TB06030-1 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB603 SDG#: WCX01-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	2
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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7715 Rev 3/10/02

Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4706579

TB06030-1 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB603 SDG#: WCX01-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 02:59	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 02:59	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 02:59	Angela D Sneeringer	1



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7216 Rev. 3/10/03

Analysis Report



Page 1 of 2
REVISED

Lancaster Laboratories Sample No. WW 4706589

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB030 SDG#: WCX01-15TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4706589

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/09/2006 09:10
Reported: 03/01/2006 at 16:24
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB030 SDG#: WCX01-15TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 03:23	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 03:23	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 03:23	Angela D Sneeringer	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4707309

TB06030 Trip Blank Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB1S2 SDG#: WCX02-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4707309

TB06030 Trip Blank Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/10/2006 09:10
Reported: 02/27/2006 at 15:16
Discard: 03/14/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB1S2 SDG#: WCX02-05TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8		ug/l	1
05418	Styrene	100-42-5	N.D.	1.		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
06302	Acetone	67-64-1	N.D.	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/14/2006 06:39	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/14/2006 06:39	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/14/2006 06:39	Angela D Sneeringer	1



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7216 Rev. 3/10/03

Analysis Report



Page 1 of 2
REVISED

Lancaster Laboratories Sample No. WW 4710064

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/15/2006 09:10
Reported: 03/01/2006 at 11:12
Discard: 03/16/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB037 SDG#: WCX03-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	82608 water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethane	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethane	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethane	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethane	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4710064

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/15/2006 09:10

Reported: 03/01/2006 at 11:12

Discard: 03/16/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB037 SDG#: WCX03-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.		ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8		ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8		ug/l	1
05418	Styrene	100-42-5	N.D.	1.		ug/l	1
05419	Bromoform	75-25-2	N.D.	1.		ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.		ug/l	1
06302	Acetone	67-64-1	N.D.	6.		ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.		ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.		ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.		ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.		ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.		ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.		ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00310	8260B water special scan	SW-846 8260B	1	02/16/2006 03:46		Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/16/2006 03:46		Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/16/2006 03:46		Angela D Sneeringer	1



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Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4712078

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB637 SDG#: WCX04-03TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4712078

TB06037 Water Sample
West Complex - Phase I

Collected: 02/08/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB637 SDG#: WCX04-03TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	B260B water special scan	SW-846 8260B	1	02/22/2006 07:54	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 07:54	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 07:54	Stephanie A Selis	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster PA 17606-2425

Analysis Report



Page 2 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03956	Fluorene	86-73-7	N.D.	1.	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1



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2425 New Holland Pike
PO Box 12425
Lancaster PA 17605-7425

Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:38
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 4 of 4

Lancaster Laboratories Sample No. WW 4712081

FLBK-1 Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/17/2006 09:15

Sanborn Head & Associates

Reported: 02/23/2006 at 14:38

95 High Street

Discard: 03/10/2006

Portland ME 04101

FBLKW SDG#: WCX04-06FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
04678	TCL SW846 Semivolatiles/Waters	SW-846 8270C	1	02/22/2006 00:10	William T Parker	1
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 09:03	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 09:03	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	02/19/2006 08:15	Mark P Mastropietro	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 09:03	Stephanie A Selis	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster PA 17606-2425

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4712086

TB06032 Water Sample
West Complex - Phase I

Collected: 02/06/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:39
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

06032 SDG#: WCX04-11TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1



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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4712086

TB06032 Water Sample
West Complex - Phase I

Collected: 02/06/2006

Account Number: 09671

Submitted: 02/17/2006 09:15
Reported: 02/23/2006 at 14:39
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

06032 SDG#: WCX04-11TB*

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/22/2006 09:27	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/22/2006 09:27	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/22/2006 09:27	Stephanie A Selis	1



Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425

Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. WW 4712906

FBLK-1 Grab Water Sample
West Complex - Phase I

Collected: 02/16/2006 14:30 by DI

Account Number: 09671

Submitted: 02/19/2006 11:30
Reported: 02/28/2006 at 14:49
Discard: 03/15/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FBLK1 SDG#: WCX05-01FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
00259	Mercury	7439-97-6	N.D.		0.000062	mg/l	1
07035	Arsenic	7440-38-2	N.D.		0.0093	mg/l	1
07036	Selenium	7782-49-2	N.D.		0.0094	mg/l	1
07046	Barium	7440-39-3	N.D.		0.00044	mg/l	1
07049	Cadmium	7440-43-9	N.D.		0.00097	mg/l	1
07051	Chromium	7440-47-3	N.D.		0.0048	mg/l	1
07055	Lead	7439-92-1	N.D.		0.0084	mg/l	1
07066	Silver	7440-22-4	N.D.		0.0020	mg/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis		Analyst	Dilution Factor
				Date and Time			
00259	Mercury	SW-846 7470A	1	02/21/2006 06:57		Damary Valentin	1
07035	Arsenic	SW-846 6010B	1	02/22/2006 08:07		Joanne M Gates	1
07036	Selenium	SW-846 6010B	1	02/22/2006 08:07		Joanne M Gates	1
07046	Barium	SW-846 6010B	1	02/23/2006 02:23		Eric L Eby	1
07049	Cadmium	SW-846 6010B	1	02/22/2006 08:07		Joanne M Gates	1
07051	Chromium	SW-846 6010B	1	02/22/2006 08:07		Joanne M Gates	1
07055	Lead	SW-846 6010B	1	02/22/2006 08:07		Joanne M Gates	1
07066	Silver	SW-846 6010B	1	02/22/2006 08:07		Joanne M Gates	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	02/21/2006 02:25		Helen L Schaeffer	1
05713	WW SW846 Hg Digest	SW-846 7470A	1	02/20/2006 19:30		Nelli S Markaryan	1

8822



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4714229

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/22/2006 09:00
Reported: 02/23/2006 at 13:55
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

060TB SDG#: WCX06-02TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethane	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethane	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethane	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethane	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethane	127-18-4	N.D.	0.8	ug/l	1



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2216 Rev 3/10/02

Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4714229

TB06030 Water Sample
West Complex - Phase I

Collected: 02/01/2006

Account Number: 09671

Submitted: 02/22/2006 09:00
Reported: 02/23/2006 at 13:55
Discard: 03/10/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

060TB SDG#: WCX06-02TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis	Analyst	Dilution Factor
				Date and Time		
00310	8260B water special scan	SW-846 8260B	1	02/23/2006 07:13	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	02/23/2006 07:13	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	02/23/2006 07:13	Nicholas R Rossi	1



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Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4733576

TB060321_300_Trip_Blank_Water_Sample
West Complex - Phase II

Collected: 03/21/2006 08:00

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

TB300 SDG#: WCX07-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	0.012
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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2216 Rev. 3/10/03

Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. WW 4733576

TB060321_300 Trip Blank Water Sample
West Complex - Phase II

Collected: 03/21/2006 08:00

Account Number: 09671

Submitted: 03/22/2006 09:50

Sanborn Head & Associates

Reported: 04/11/2006 at 11:25

95 High Street

Discard: 04/26/2006

Portland ME 04101

TB300 SDG#: WCX07-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 20:52	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 20:52	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 20:52	Nicholas R Rossi	1

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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2
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Lancaster Laboratories Sample No. WW 4733577

FB060321_301_Field_Blank Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:16 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FB301 SDG#: WCX07-02FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	88-14
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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2216 Rev. 3/10/03

Analysis Report



Page 2 of 2
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Lancaster Laboratories Sample No. NW 4733577

FB060321_301_Field_Blank_Grab Water Sample
West Complex - Phase II

Collected: 03/21/2006 11:16 by DB

Account Number: 09671

Submitted: 03/22/2006 09:50
Reported: 04/11/2006 at 11:25
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

FB301 SDG#: WCX07-02FB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method	Units	Dilution Factor
				Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	03/23/2006 21:15	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	03/23/2006 21:15	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	03/23/2006 21:15	Nicholas R Rossi	1

8815



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4741883

Trip Blank Water Sample

West Complex - Phase II

Collected: 03/23/2006

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TBSAN SDG#: WCX08-11TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	80551



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2216 Rev. 3/10/03

Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4741883

Trip Blank Water Sample

West Complex - Phase II

Collected: 03/23/2006

Account Number: 09671

Submitted: 04/01/2006 09:50

Reported: 04/20/2006 at 13:35

Discard: 05/05/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TBSAN SDG#: WCX08-11TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	04/04/2006 12:30	Angela D Sneeringer	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/04/2006 12:30	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/04/2006 12:30	Angela D Sneeringer	1

8856



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2216 Rev. 3/10/03



Lancaster Laboratories Sample No. WW 4744172

Field Rinseate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl) ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-1	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	0.9	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	8831
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	1



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Lancaster Laboratories Sample No. WW 4744172

Field Rinsate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	0.9	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4744172

Field Rinsate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

0833



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Lancaster Laboratories Sample No. WW 4744172

Field Rinsate Blank Water Sample

West Complex - Phase II

Collected: 04/04/2006 07:45 by GM

Account Number: 09671

Submitted: 04/06/2006 09:05

Reported: 04/11/2006 at 15:45

Discard: 04/26/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

SBHRB SDG#: WCX09-06RB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846	SW-846 8270C	1	04/10/2006 11:06	Mark A Clark	1
00310	Semivolatiles/Waters					
	8260B water special scan	SW-846 8260B	1	04/11/2006 02:00	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 02:00	Stephanie A Selis	1
00813	BNA Water Extraction	SW-846 3510C	1	04/06/2006 17:05	JoElla L Rice	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 02:00	Stephanie A Selis	1

8834



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2425 New Holland Pike
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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4744173

Trip Blank Water Sample

West Complex - Phase II
Collected: 03/23/2006

Account Number: 09671

Submitted: 04/06/2006 09:05
Reported: 04/11/2006 at 15:45
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SBHTB SDG#: WCX09-07TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	8835
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. NW 4744173

Trip Blank Water Sample

West Complex - Phase II
Collected: 03/23/2006

Account Number: 09671

Submitted: 04/06/2006 09:05
Reported: 04/11/2006 at 15:45
Discard: 04/26/2006

Sanborn Head & Associates
95 High Street
Portland ME 04101

SBHTB SDG#: WCX09-07TB*

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method	Detection Limit	
05415	Ethylbenzene	100-41-4	N.D.		0.8	1
05418	Styrene	100-42-5	N.D.		1.	1
05419	Bromoform	75-25-2	N.D.		1.	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	1
06302	Acetone	67-64-1	N.D.		6.	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	1
06305	2-Butanone	78-93-3	N.D.		3.	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	1
06309	2-Hexanone	591-78-6	N.D.		3.	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trials	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	04/11/2006 02:23	Stephanie A Selis	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/11/2006 02:23	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/11/2006 02:23	Stephanie A Selis	1

8836



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2216 Rev. 3/10/03

Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4753403

TB060418 302 Water Sample

West Complex - Phase II

Collected: 04/18/2006

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX10-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	8812
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4753403

TB060418 302 Water Sample

West Complex - Phase II

Collected: 04/18/2006

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX10-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Units	Dilution Factor
				Method	Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.		0.8	ug/l	1
05418	Styrene	100-42-5	N.D.		1.	ug/l	1
05419	Bromoform	75-25-2	N.D.		1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.	ug/l	1
06302	Acetone	67-64-1	N.D.		6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.		1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.		3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.		3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.		3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	04/21/2006 06:56	Nicholas R Rossi	1
06291	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 06:56	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 06:56	Nicholas R Rossi	1

8813



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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	1.	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	1.	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	1.	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	1.	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	1.	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	1.	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	1.	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	1.	ug/l	1
03925	Phenol	108-95-2	N.D.	1.	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	1.	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	1.	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	1.	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	1.	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	10.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	1.	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	1.	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	1.	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	1.	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	1.	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	1.	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	1.	ug/l	1
03944	Isophorone	78-59-1	N.D.	1.	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	1.	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	1.	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	1.	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	1.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	1.	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	1.	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	1.	ug/l	1
03956	Fluorene	86-73-7	N.D.	1.	ug/l	0.01
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
	N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.					
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	1.	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	1.	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	1.	ug/l	1
03964	Anthracene	120-12-7	N.D.	1.	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	1.	ug/l	1
03967	Pyrene	129-00-0	N.D.	1.	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	1.	ug/l	1
03971	Chrysene	218-01-9	N.D.	1.	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	1.	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	1.	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	1.	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	1.	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	1.	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	1.	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	1.	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	1.	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
	3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.					
04684	Carbazole	86-74-8	N.D.	1.	ug/l	1
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	66.15
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1



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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25

by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received		Dilution Factor
				Method Detection Limit	Units	
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

8816



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Lancaster, PA 17605-2425
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Lancaster Laboratories Sample No. WW 4753404

EB060418 304 Grab Water Sample

West Complex - Phase II

Collected: 04/18/2006 08:25 by DB

Account Number: 09671

Submitted: 04/19/2006 10:00

Reported: 04/24/2006 at 16:32

Discard: 05/09/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB304 SDG#: WCX10-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
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All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
04678	TCL SW846	SW-846 8270C	1	04/21/2006 09:50	Mark A Clark	1
00310	Semivolatiles/Waters					
06291	8260B water special scan	SW-846 8260B	1	04/21/2006 15:02	Kenneth L Boley Jr	1
00813	TCL by 8260 (water)	SW-846 8260B	1	04/21/2006 15:02	Kenneth L Boley Jr	1
01163	BNA Water Extraction	SW-846 3510C	1	04/20/2006 17:30	Olivia I Santiago	1
	GC/MS VOA Water Prep	SW-846 5030B	1	04/21/2006 15:02	Kenneth L Boley Jr	1

0017



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Analysis Report



Page 1 of 2

Lancaster Laboratories Sample No. WW 4759714

TB060427_302 Water Sample

West Complex - Phase II

Collected: 04/27/2006

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX11-01TB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	1
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	8813



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Analysis Report



Page 2 of 2

Lancaster Laboratories Sample No. WW 4759714

TB060427_302 Water Sample

West Complex - Phase II

Collected: 04/27/2006

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

TB302 SDG#: WCX11-01TB

CAT No.	Analysis Name	CAS Number	As Received	As Received	Units	Dilution Factor
			Result	Method Detection Limit		
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT No.	Analysis Name	Method	Analysis		Analyst	Dilution Factor
			Trial#	Date and Time		
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 02:24	Seth J Good	1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 02:24	Seth J Good	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 02:24	Seth J Good	1

6614



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Analysis Report



Page 1 of 4

Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
04678	TCL SW846 Semivolatiles/Waters					
03871	4-Chloroaniline	106-47-8	N.D.	0.9	ug/l	1
03879	Dibenzofuran	132-64-9	N.D.	0.9	ug/l	1
03905	2-Methylnaphthalene	91-57-6	N.D.	0.9	ug/l	1
03907	2-Nitroaniline	88-74-4	N.D.	0.9	ug/l	1
03908	3-Nitroaniline	99-09-2	N.D.	0.9	ug/l	1
03909	4-Nitroaniline	100-01-6	N.D.	0.9	ug/l	1
03922	2,4,5-Trichlorophenol	95-95-4	N.D.	0.9	ug/l	1
03924	2-Chlorophenol	95-57-8	N.D.	0.9	ug/l	1
03925	Phenol	108-95-2	N.D.	0.9	ug/l	1
03926	2-Nitrophenol	88-75-5	N.D.	0.9	ug/l	1
03927	2,4-Dimethylphenol	105-67-9	N.D.	3.	ug/l	1
03928	2,4-Dichlorophenol	120-83-2	N.D.	0.9	ug/l	1
03929	4-Chloro-3-methylphenol	59-50-7	N.D.	0.9	ug/l	1
03930	2,4,6-Trichlorophenol	88-06-2	N.D.	0.9	ug/l	1
03931	2,4-Dinitrophenol	51-28-5	N.D.	19.	ug/l	1
03932	4-Nitrophenol	100-02-7	N.D.	9.	ug/l	1
03933	4,6-Dinitro-2-methylphenol	534-52-1	N.D.	5.	ug/l	1
03934	Pentachlorophenol	87-86-5	N.D.	3.	ug/l	1
03936	bis(2-Chloroethyl)ether	111-44-4	N.D.	0.9	ug/l	1
03937	1,3-Dichlorobenzene	541-73-1	N.D.	0.9	ug/l	1
03938	1,4-Dichlorobenzene	106-46-7	N.D.	0.9	ug/l	1
03939	1,2-Dichlorobenzene	95-50-1	N.D.	0.9	ug/l	1
03941	Hexachloroethane	67-72-1	N.D.	0.9	ug/l	1
03942	N-Nitroso-di-n-propylamine	621-64-7	N.D.	0.9	ug/l	1
03943	Nitrobenzene	98-95-3	N.D.	0.9	ug/l	1
03944	Isophorone	78-59-2	N.D.	0.9	ug/l	1
03945	bis(2-Chloroethoxy)methane	111-91-1	N.D.	0.9	ug/l	1
03946	1,2,4-Trichlorobenzene	120-82-1	N.D.	0.9	ug/l	1
03948	Hexachlorobutadiene	87-68-3	N.D.	0.9	ug/l	1
03949	Hexachlorocyclopentadiene	77-47-4	N.D.	5.	ug/l	1
03950	2-Chloronaphthalene	91-58-7	N.D.	2.	ug/l	1
03952	Dimethylphthalate	131-11-3	N.D.	2.	ug/l	1
03953	2,6-Dinitrotoluene	606-20-2	N.D.	0.9	ug/l	1
03954	Acenaphthene	83-32-9	N.D.	0.9	ug/l	1
03955	2,4-Dinitrotoluene	121-14-2	N.D.	0.9	ug/l	1
03956	Fluorene	86-73-7	N.D.	0.9	ug/l	1
03957	4-Chlorophenyl-phenylether	7005-72-3	N.D.	0.9	ug/l	88.15



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Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

2216 Rev. 3/10/03



Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

Submitted: 04/28/2006 10:05

Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
03958	Diethylphthalate	84-66-2	N.D.	2.	ug/l	1
03960	N-Nitrosodiphenylamine	86-30-6	N.D.	2.	ug/l	1
N-nitrosodiphenylamine decomposes in the GC inlet forming diphenylamine. The result reported for N-nitrosodiphenylamine represents the combined total of both compounds.						
03961	4-Bromophenyl-phenylether	101-55-3	N.D.	0.9	ug/l	1
03962	Hexachlorobenzene	118-74-1	N.D.	0.9	ug/l	1
03963	Phenanthrene	85-01-8	N.D.	0.9	ug/l	1
03964	Anthracene	120-12-7	N.D.	0.9	ug/l	1
03965	Di-n-butylphthalate	84-74-2	N.D.	2.	ug/l	1
03966	Fluoranthene	206-44-0	N.D.	0.9	ug/l	1
03967	Pyrene	129-00-0	N.D.	0.9	ug/l	1
03969	Butylbenzylphthalate	85-68-7	N.D.	2.	ug/l	1
03970	Benzo(a)anthracene	56-55-3	N.D.	0.9	ug/l	1
03971	Chrysene	218-01-9	N.D.	0.9	ug/l	1
03972	3,3'-Dichlorobenzidine	91-94-1	N.D.	2.	ug/l	1
03973	bis(2-Ethylhexyl)phthalate	117-81-7	N.D.	2.	ug/l	1
03974	Di-n-octylphthalate	117-84-0	N.D.	2.	ug/l	1
03975	Benzo(b)fluoranthene	205-99-2	N.D.	0.9	ug/l	1
03976	Benzo(k)fluoranthene	207-08-9	N.D.	0.9	ug/l	1
03977	Benzo(a)pyrene	50-32-8	N.D.	0.9	ug/l	1
03978	Indeno(1,2,3-cd)pyrene	193-39-5	N.D.	0.9	ug/l	1
03979	Dibenz(a,h)anthracene	53-70-3	N.D.	0.9	ug/l	1
03980	Benzo(g,h,i)perylene	191-24-2	N.D.	0.9	ug/l	1
04680	2-Methylphenol	95-48-7	N.D.	0.9	ug/l	1
04681	2,2'-oxybis(1-Chloropropane)	108-60-1	N.D.	0.9	ug/l	1
04682	4-Methylphenol	106-44-5	N.D.	2.	ug/l	1
3-Methylphenol and 4-methylphenol cannot be resolved under the chromatographic conditions used for sample analysis. The result reported for 4-methylphenol represents the combined total of both compounds.						
04684	Carbazole	86-74-8	N.D.	0.9	ug/l	1
The recoveries of several compounds were outside of QC limits in the LCS/LCSD. This sample was re-extracted outside of the method required holding time, and comparable data was observed. The data reported here is from the initial extraction of the sample.						
00310	8260B water special scan					
05416	m+p-Xylene	1330-20-7	N.D.	0.8	ug/l	1
05417	o-Xylene	95-47-6	N.D.	0.8	ug/l	1
05420	Isopropylbenzene	98-82-8	N.D.	1.	ug/l	1
05424	n-Propylbenzene	103-65-1	N.D.	1.	ug/l	8816
05426	1,3,5-Trimethylbenzene	108-67-8	N.D.	1.	ug/l	1



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Analysis Report



Page 3 of 4

Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

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Reported: 05/15/2006 at 15:23

Discard: 05/30/2006

Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
05428	tert-Butylbenzene	98-06-6	N.D.	1.	ug/l	1
05429	1,2,4-Trimethylbenzene	95-63-6	N.D.	1.	ug/l	1
05430	sec-Butylbenzene	135-98-8	N.D.	1.	ug/l	1
05431	p-Isopropyltoluene	99-87-6	N.D.	1.	ug/l	1
05434	n-Butylbenzene	104-51-8	N.D.	1.	ug/l	1
05439	Naphthalene	91-20-3	N.D.	1.	ug/l	1
06291	TCL by 8260 (water)					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.8	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.8	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.8	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.8	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.8	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.	ug/l	1
05407	Toluene	108-88-3	N.D.	0.7	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.8	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.8	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.8	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.8	ug/l	1
05418	Styrene	100-42-5	N.D.	1.	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.	ug/l	1
06302	Acetone	67-64-1	N.D.	6.	ug/l	1
06303	Carbon Disulfide	75-15-0	N.D.	1.	ug/l	1
06305	2-Butanone	78-93-3	N.D.	3.	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.	ug/l	1



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2216 Rev. 3/10/03



Lancaster Laboratories Sample No. WW 4759715

EB060427_304 Grab Water Sample

West Complex - Phase II

Collected: 04/27/2006 08:22 by DB

Account Number: 09671

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Sanborn Head & Associates

95 High Street

Portland ME 04101

EB307 SDG#: WCX11-02EB

CAT			As Received	As Received		
No.	Analysis Name	CAS Number	Result	Method	Units	Dilution
				Detection		Factor
				Limit		
06308	4-Methyl-2-pentanone	108-10-1	N.D.	3.	ug/l	1
06309	2-Hexanone	591-78-6	N.D.	3.	ug/l	1

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Chronicle

CAT				Analysis			Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst		Factor
04678	TCL SW846	SW-846 8270C	1	05/04/2006 02:07	Marla S Lord		1
	Semivolatiles/Waters						
00310	8260B water special scan	SW-846 8260B	1	05/02/2006 02:47	Seth J Good		1
06291	TCL by 8260 (water)	SW-846 8260B	1	05/02/2006 02:47	Seth J Good		1
00813	BNA Water Extraction	SW-846 3520C	1	05/01/2006 05:30	Mark P Mastropietro		1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	05/02/2006 02:47	Seth J Good		1

8818



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VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: Trip Blank
 Lab Sample ID: 0603627
 Date/Time Sampled: 04/04/2006
 Date/Time Received: 04/05/2006 0922
 Location: IBM East Fishkill
 File No.: V91233
 GC/MS Sample ID: EF060404107
 Blank File No.: V91221

Report Date: 04/12/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/07/2006 0301
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GM
 COC: 50579

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	4.78	10.00		U
71-43-2	Benzene	0.45	1.00		U
108-86-1	Bromobenzene *	0.46	1.00		U
75-27-4	Bromodichloromethane	0.39	1.00		U
75-25-2	Bromoform	0.33	2.00		U
74-83-9	Bromomethane	0.36	1.00		U
78-93-3	2-Butanone	0.29	2.00		U
75-15-0	Carbon Disulfide	0.45	1.00		U
56-23-5	Carbon Tetrachloride	0.45	1.00		U
108-90-7	Chlorobenzene	0.47	1.00		U
75-00-3	Chloroethane	0.41	1.00		U
67-66-3	Chloroform	0.41	1.00		U
74-87-3	Chloromethane	0.42	1.00		U
124-48-1	Dibromochloromethane	0.45	1.00		U
74-95-3	Dibromomethane	0.33	1.00		U
95-50-1	1,2-Dichlorobenzene	0.43	1.00		U
541-73-1	1,3-Dichlorobenzene	0.49	1.00		U
106-46-7	1,4-Dichlorobenzene	0.74	1.00		U
75-71-8	Dichlorodifluoromethane	0.40	1.00		U
75-34-3	1,1-Dichloroethane	0.46	1.00		U
107-06-2	1,2-Dichloroethane	0.37	1.00		U
75-35-4	1,1-Dichloroethene	0.38	1.00		U
540-59-0	1,2-Dichloroethene (total)	0.36	1.00		U
78-87-5	1,2-Dichloropropane	0.50	1.00		U
10061-01-5	cis-1,3-Dichloropropene	0.38	2.00		U
10061-02-6	trans-1,3-Dichloropropene	0.35	2.00		U
100-41-4	Ethyl Benzene	0.46	1.00		U
76-13-1	Freon 113 *	0.58	1.00		U
354-23-4	Freon 123a *	0.48	1.00		U
591-78-6	2-Hexanone	0.30	1.00		U
75-09-2	Methylene Chloride	0.41	1.00		U
1634-04-4	Methyl tertbutylether	0.53	1.00		U
108-10-1	4-Methyl-2-Pentanone	0.44	1.00		U
67-63-0	2-Propanol *	4.79	10.00		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
Client Sample ID: Trip Blank
Lab Sample ID: 0603627
File No.: V91233

Report Date: 04/12/2006
Project ID:
Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	0.43	1.00		U
630-20-6	1,1,1,2-Tetrachloroethane	0.49	1.00		U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	1.00		U
127-18-4	Tetrachloroethene	0.53	1.00		U
109-99-9	Tetrahydrofuran *	4.44	10.00		U
108-88-3	Toluene	0.39	1.00		U
87-61-6	1,2,3-Trichlorobenzene	0.51	2.00		U
120-82-1	1,2,4-Trichlorobenzene	0.39	2.00		U
71-55-6	1,1,1-Trichloroethane	0.44	1.00		U
79-00-5	1,1,2-Trichloroethane	0.45	1.00		U
79-01-6	Trichloroethene	0.39	1.00		U
75-69-4	Trichlorofluoromethane	0.55	1.00		U
96-18-4	1,2,3-Trichloropropane	0.26	1.00		U
108-05-4	Vinyl Acetate	0.32	2.00		U
75-01-4	Vinyl Chloride	0.47	1.00		U
1330-20-7	Xylenes (total)	0.49	1.00		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	98.2%
4-Bromofluorobenzene	95.6%
1,2-Dichlorobenzene-d4	99.6%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments:

VOLATILE ORGANICS DATA SHEET

page 1 of 2

Client Name: M. West
 Client Sample ID: Trip Blank
 Lab Sample ID: 0603629
 Date/Time Sampled: 04/04/2006
 Date/Time Received: 04/05/2006 1335
 Location: IBM East Fishkill
 File No.: V91234
 GC/MS Sample ID: EF060404109
 Blank File No.: V91221

Report Date: 04/13/2006
 Project ID:
 Matrix: Liquid
 Dilution Factor: 1
 Date/Time Analyzed: 04/07/2006 0337
 Analysts Initials: GJP
 Method: 8260B
 Samplers Initials: GRM
 COC: 50581

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
67-64-1	Acetone	4.78	10.00		U
71-43-2	Benzene	0.45	1.00		U
108-86-1	Bromobenzene *	0.46	1.00		U
75-27-4	Bromodichloromethane	0.39	1.00		U
75-25-2	Bromoform	0.33	2.00		U
74-83-9	Bromomethane	0.36	1.00		U
78-93-3	2-Butanone	0.29	2.00		U
75-15-0	Carbon Disulfide	0.45	1.00		U
56-23-5	Carbon Tetrachloride	0.45	1.00		U
108-90-7	Chlorobenzene	0.47	1.00		U
75-00-3	Chloroethane	0.41	1.00		U
67-66-3	Chloroform	0.41	1.00		U
74-87-3	Chloromethane	0.42	1.00		U
124-48-1	Dibromochloromethane	0.45	1.00		U
74-95-3	Dibromomethane	0.33	1.00		U
95-50-1	1,2-Dichlorobenzene	0.43	1.00		U
541-73-1	1,3-Dichlorobenzene	0.49	1.00		U
106-46-7	1,4-Dichlorobenzene	0.74	1.00		U
75-71-8	Dichlorodifluoromethane	0.40	1.00		U
75-34-3	1,1-Dichloroethane	0.46	1.00		U
107-06-2	1,2-Dichloroethane	0.37	1.00		U
75-35-4	1,1-Dichloroethene	0.38	1.00		U
540-59-0	1,2-Dichloroethene (total)	0.36	1.00		U
78-87-5	1,2-Dichloropropane	0.50	1.00		U
10061-01-5	cis-1,3-Dichloropropene	0.38	2.00		U
10061-02-6	trans-1,3-Dichloropropene	0.35	2.00		U
100-41-4	Ethyl Benzene	0.46	1.00		U
76-13-1	Freon 113 *	0.58	1.00		U
354-23-4	Freon 123a *	0.48	1.00		U
591-78-6	2-Hexanone	0.30	1.00		U
75-09-2	Methylene Chloride	0.41	1.00		U
1634-04-4	Methyl tertbutylether	0.53	1.00		U
108-10-1	4-Methyl-2-Pentanone	0.44	1.00		U
67-63-0	2-Propanol *	4.79	10.00		U

VOLATILE ORGANICS DATA SHEET

page 2 of 2

Client Name: M. West
Client Sample ID: Trip Blank
Lab Sample ID: 0603629
File No.: V91234

Report Date: 04/13/2006
Project ID:
Matrix: Liquid

CAS No.	Compound	MDL ug/L	Report Limit ug/L	Result ug/L	Q
100-42-5	Styrene	0.43	1.00		U
630-20-6	1,1,1,2-Tetrachloroethane	0.49	1.00		U
79-34-5	1,1,2,2-Tetrachloroethane	0.48	1.00		U
127-18-4	Tetrachloroethene	0.53	1.00		U
109-99-9	Tetrahydrofuran *	4.44	10.00		U
108-88-3	Toluene	0.39	1.00		U
87-61-6	1,2,3-Trichlorobenzene	0.51	2.00		U
120-82-1	1,2,4-Trichlorobenzene	0.39	2.00		U
71-55-6	1,1,1-Trichloroethane	0.44	1.00		U
79-00-5	1,1,2-Trichloroethane	0.45	1.00		U
79-01-6	Trichloroethene	0.39	1.00		U
75-69-4	Trichlorofluoromethane	0.55	1.00		U
96-18-4	1,2,3-Trichloropropane	0.26	1.00		U
108-05-4	Vinyl Acetate	0.32	2.00		U
75-01-4	Vinyl Chloride	0.47	1.00		U
1330-20-7	Xylenes (total)	0.49	1.00		U

SURROGATE RECOVERIES

1,4-Dichlorobutane	101.6%
4-Bromofluorobenzene	98.5%
1,2-Dichlorobenzene-d4	100.4%

* = NYSDOH ELAP certification not offered.

MDL = Method Detection Limit (corrected for dilution)

Report Limit = Lowest calibration standard (corrected for dilution)

Q = Data Qualifiers:

U = Compound analyzed for but not detected.

J = An estimated value for a compound detected at greater than or equal to the MDL but less than the Report Limit.

B = Analyte is found in the associated blank.

Comments: