Waste Management Division
PO Box 95, 29 Hazen Drive
Concord, NH 03302

Type of Submittal (Check One-Most Applicable)

☐ Work Scope ☐ Reimbursement Request	☐ Remedial Action • Remedial Action Plan • Bid Plans and Specifications • Remedial Action Implementation Report ☐ Treatment System and POE O&M ☐ Activity and Use Restriction
☐ UST Facility Report ☐ AST Facility Report	
☐ Emergency/Initial Response Action ☐ Groundwater Quality Assessment	☐ Temporary Surface Water Discharge Permit
☐ Initial Site Characterization ☒ Preliminary Environmental Assessment • Site Investigation Report • Supplemental Site Investigation Report • GMZ Delineation • Source Area Investigation • Data Submittal • Annual Summary Report ☐ Unsolicited Environmental Sampling Notification ☐ Closure Documentation	☐ Groundwater Management Permit • Permit Application • Renewal Application • Deed Recordation Documentation • Abutter Notification Documentation • Release of Recordation ☐ Data Submittal ☐ Annual Summary Report

Preliminary Environmental Assessment
New Hampshire Army National Guard Armory
Peterborough, New Hampshire
NHDES No. 199001027
UST Facility No. 0113328
Leaking Underground Storage Tank
Project Number 20433

Prepared For:
Southwest Region Planning Commission
20 Central Square, 2nd Floor
Keene, New Hampshire 03431
(603) 357-0557
Mr. J. B. Mack

Prepared By:
GZA GeoEnvironmental, Inc
380 Harvey Road
Manchester, New Hampshire 03103
(603) 232-8753
Mr. Donald N. Kirkland, P.E.

May 12, 2009

Recommended Risk Category (Check One)

☐ 1. Immediate Human Health Risk (Impacted water supply well, etc.)	☐ 4. Surface Water Impact	☒ 7. Alternate Water Available/Low Level Groundwater Contamination (< 1,000 x AGQS)
☐ 2. Potential Human Health Risk (Water supply well within 1000' or Site within SWPA)	☐ 5. No Alternate Water Available/No Existing Wells in Area	☐ 8. No AGQS Violation/No Source Remaining
☐ 3. Free Product or Source Hazard	☒ 6. Alternate Water Available/High Level Groundwater Contamination (> 1,000 x AGQS)	☐ Closure Recommended

PRELIMINARY ENVIRONMENTAL ASSESSMENT
NEW HAMPSHIRE ARMY NATIONAL GUARD ARMORY
25 ELM STREET
PETERBOROUGH, NEW HAMPSHIRE

PREPARED FOR:
Southwest Region Planning Commission
Keene, New Hampshire

PREPARED BY:
GZA GeoEnvironmental, Inc.
Manchester, New Hampshire

May 2009
File No. 04.0024843.01

GZA
GeoEnvironmental, Inc.

Engineers and
Scientists

May 12, 2009
File No. 04.0024843.01

Mr. J.B. Mack
Southwest Region Planning Commission
20 Central Square, Second Floor
Keene, New Hampshire 03431

Re: Preliminary Environmental Assessment
New Hampshire Army National Guard Armory
25 Elm Street (Site)
Peterborough, New Hampshire

Dear Mr. Mack:

380 Harvey Road
Manchester
New Hampshire
03103-3347
603-623-3600
FAX 603-624-9463
www.gza.com

GZA GeoEnvironmental, Inc. (GZA) is pleased to submit the attached Preliminary Environmental Assessment report to Southwest Region Planning Commission (SWRPC) for the above-referenced Site. The objective of GZA's investigation was to further evaluate the *recognized environmental conditions* previously identified in Louis Berger Group's (LBG) Phase I Environmental Site Assessment (ESA) report dated January 2008.[1] Our work included a building materials survey, subsurface explorations consisting of test pits and the advancement of test borings with groundwater monitoring wells installation, and soil and groundwater quality sampling. This report summarizes the findings of GZA's Preliminary Environmental Assessment and is subject to the Limitations outlined in ***Appendix A***.

We have appreciated the opportunity to work with you on this project. Should you have any questions, please call the undersigned at (603) 623-3600.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Donald N. Kirkland, P.E.
Project Manager

Steven R. Lamb P.G., C.G.W.P
Principal

Michael B. Asselin
Consultant/Reviewer

DNK/SRL/MBA:kr
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Attachment: Preliminary Environmental Assessment

[1] Environmental Site Assessment by LBG titled "NH Army National Guard Armory Site, Parcel ID U023-025-000, Peterborough, New Hampshire: Phase I Environmental Site Assessment," dated January 2008.

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1.0 INTRODUCTION

This report presents the results of a Preliminary Environmental Assessment conducted by GZA GeoEnvironmental, Inc. (GZA) on behalf of the Southwest Region Planning Commission (SWRPC) at the property referred to as the New Hampshire Army National Guard Armory located at 25 Elm Street in Peterborough, New Hampshire (Site). The current Work Scope was based on Louis Berger Group's (LBG) findings included in their Phase I Environmental Site Assessment (ESA) report dated January 2008 and subsequent discussions with SWRPC and the New Hampshire Department of Environmental Services (NHDES). Investigations at the Site have been conducted as part of a Brownfields grant awarded to SWRPC by U.S. Environmental Protection Agency (EPA) in 2007 for inventory of known and suspected Brownfield sites in the SWRPC's 35 municipalities. The objective of GZA's Work Scope was to further evaluate the *recognized environmental conditions* previously identified in LBG's January 2009 ESA of the Site.

Authorization to proceed on this project was granted by SWRPC in accordance with our proposed Work Scope and Budget Estimate dated October 21, 2008. Work associated with this investigation was performed in general accordance with our June 16, 2008 *Agreement For Consulting Services* with SWRPC.

This report presents GZA's and LBG's field observations, results, and opinions. Our report is subject to modification if GZA or any other party obtains subsequent information. The following is subject to the Limitations presented in **Appendix A**.

2.0 BACKGROUND SITE INFORMATION

2.1 SITE DESCRIPTION

LBG's ESA describes the property as "*consisting of a cleared area of approximately 3.2 acres in size. The Subject Property is currently owned by the New Hampshire Army National Guard (NHANG) and contains a brick-masonry armory building, a brick masonry motor vehicle storage building, a small Butler steel building, as well as, two storage containers. The Subject Property also contains an area contained within a chain-link fence used for the purposes of storing NHANG vehicles and equipment.*"

"*The Subject Property is identified on Parcel ID U023-025-000 located to the west of Elm Street in the Town of Peterborough, Hillsborough County, New Hampshire. The address of the Subject Property is given as 25 Elm Street. The Subject Property is located in the front of the Town of Peterborough's Highway Garage and to the north of the former Peterborough Ford Mercury (on Route 101). The Subject Property is approximately 1/4 mile south of the Nubanusit River*."

Ground cover at the Subject Property consists predominantly of grass, with pavement and gravel driveways around the two buildings. There are no roads currently on the Subject Property. Vehicular access to the Site is via Elm Street at the east side of the property and the property has a number of driveways and parking areas within it. The main drive servicing the Armory Site also serves as the access to the Highway Garage parcel to the west.

2.2 BRIEF SITE HISTORY

LBG's ESA further describes the property as follows: "*The only structures located on the premises are the two brick-mortared buildings, one small, as well as, two storage containers. The main armory building appears to be in relatively good repair, having been built in 1955. The motor vehicle storage building, constructed in 1949, was the original armory facility.*"

LBG identified the following recognized environmental conditions (RECs) (*italicized for convenience to the reader*) associated with the Subject Property:

1. "*Former underground storage tanks ("UST') which undertook subsequent remediation activities.*"
2. "*The site is a small quantity Hazardous Waste Generator ("HWG") with hazardous materials stored on site*."
3. "*The currently utilized underground storage tank.*"
4. *"A number of side-gradient properties and one upgradient property have had documented releases of oil or hazardous materials that have the potential to migrate via groundwater or the adjacent Nubanusit River wetland complex toward the Subject Property. These include the upgradient parcels at 36 Elm Street and the side-gradient parcels at 145 Dublin Road. The REC's noted with these parcels range from registered Hazardous Waste Generator potential and UST registrations to full site remediation activities in the past and on-going."*
5. *"The Subject Property contains a number of small debris piles including one containing metal shelving and another with some mortar rubble and cinder block and woody debris remnants. Portions of the site are utilized for the storage and maintenance of military vehicles."*

3.0 SUMMARY OF WORK PERFORMED

3.1 BUILDING MATERIALS SURVEY

On November 14, 2008, GZA accompanied a representative of the NHANG to conduct a limited inventory of universal waste within both the Armory Building and Motor Vehicle Storage Building. GZA's inventory can be found in the attached ***Table 1***. GZA's inventory did not include an assessment of asbestos-containing building materials (ACBM) as this was recently completed by RPF Associates, Inc. (RPF) of Northwood New Hampshire in December 2007. Please refer to RPF's February 11, 2008 document (***Appendix C)*** for an assessment of ACBM.[2] GZA was not provided documentation of asbestos abatement. Our work scope also did not include the collection of samples to be analyzed for lead paint. GZA was not granted access to the roof of either building or any part of the Butler Shed located to the west of the Armory Building. A phone conversation with Eileen Chabot of the NHANG indicated that the contents of the Butler Shed had been removed.

GZA performed a visual assessment of a representative number of light fixtures within the Site buildings for the presence of polychlorinated biphenyl- (PCB-) and di (2-ethyhexyl) phthalate (DEHP-)-containing ballasts. Nearly all ballasts manufactured prior to 1979 contain PCBs. All

[2] Letter by RPF titled "Peterborough Readiness Center and Motor Vehicle Storage Building, Survey Findings" dated February 11, 2008.

ballasts manufactured after July 1, 1978 which do not contain PCBs are required to be clearly marked "No PCBs." Ballasts not possessing a "No PCBs" label are generally assumed to contain PCBs in concentrations greater than 50 parts per million (ppm).

State solid waste regulations prohibit the disposal of PCB-containing ballasts in landfills. These ballasts must be disposed of at an incineration/recycling facility. Approximately 25 percent of ballasts manufactured after 1979 contain di (2-ethyhexyl) phthalate (DEHP), a regulated substance under the USEPA Superfund regulations. DEHP-contaminated ballasts must be disposed of in the same manner as PCB-contaminated ballasts.

Fluorescent light tubes were observed within the interior of the Site buildings. State regulations prohibit the disposal of mercury-containing devices in landfills due to their mercury content. The preferred option is for the removal and recycling of the bulbs at an approved recycling facility.

Other hazardous materials observed during the survey include high-intensity discharge lighting (mercury, PCB/DEHP), mercury thermostats, equipment oils, and emergency exit sign/light batteries (lead-acid batteries).

3.2 TEST PIT PROGRAM WITH ADDITIONAL SURFICIAL SOIL SAMPLING

On December 29,2008, LBG excavated 12 test pits designated TP-1-SB through TP-12-SB to collect subsurface soil samples and collected four surficial soil samples designated TP-13-SS to TP-16-SS. LBG's excavation program was consistent with that which was outlined in GZA's December 2008 Quality Assurance Project Plan (QAPP).[3] Excavation was conducted by the Town of Peterborough using a JCB 217S Series S backhoe. Shallow soil samples were also collected by hand from selected locations using a hand auger. The hand auger was decontaminated between surficial sampling locations. Locations of test pit excavations and the shallow soil samples are shown on ***Figure 2***.

Test pit excavation locations were selected based on our understanding of site use to evaluate the following:

TP-1-SB – TP-3-SB	To address potential contamination from the Former Motor Vehicle Storage Building UST
TP-4 –SB–TP-6-SB	To address potential contamination associated with subsurface disposal systems connected to floor drains
TP-7-SB – TP-8-SB	To address potential contamination from current UST
TP-9-SB – TP-10-SB	To identify migration from upgradient off-site contamination (36 Elm Street and 145 Dublin Road)
TP-11-SB – TP-12-SB (Surface and Subsurface Sample locations)/2	To identify contamination associated with overseas shipping containers.
TP-13-SS – TP-16-SS	Conducted in areas of observed surface staining and adjacent to small debris piles

Test pits were generally excavated through natural soils until groundwater was encountered. Soil samples were collected within 4 feet below ground surface (bgs) by entering the test pit excavations and using disposable sampling equipment. Samples were collected from test pits at depths below 4 feet below ground surface utilizing the excavator bucket and subsequently collecting samples using disposable sampling equipment. Soil samples were field screened for total volatile organic compounds (VOCs) using a photoionization detector (PID), and visually

[3] Plan by GZA titled "Quality Assurance Project Plan, New Hampshire ARMY, National Guard Armory, NHDES No. 199001027, EPA ID NHD986486082**,** Peterborough, New Hampshire," dated December 2008.

examined for evidence of soil contamination. Based on the results of field screening and our observations, soil samples were submitted Resource Laboratory, LLC of Portsmouth, New Hampshire as follows:

Five soil samples from the following test pit locations (TP-1-SB, TP-4A-SB, TP-7-SB, TP-11-SB, and TP-16-SS) were submitted for analysis of the following:

- Total petroleum hydrocarbons (TPH) within the diesel range by EPA Method 8015 DRO;
- Resource Conservation and Recovery Act Metals (RCRA-8) (arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver);
- VOCs by EPA Method 8260 (NH Full List)
- polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270.

Selection of soil samples for analytical laboratory analyses considered the results of field screening, as well as sample collection location and depth relative to our understanding of site use. Analytical laboratory analyses included analysis of duplicate samples (TP-11-SB) for quality assurance/quality control (QA/QC) purposes in accordance with the above-referenced QAPP. Soil samples were collected in accordance with applicable NHDES and EPA protocols and were containerized, transported, and analyzed in consideration of applicable NHDES and EPA protocols.

Louis Berger's test pit logs summarizing materials encountered and the results of field screening are included in ***Appendix B***. The results of analytical laboratory analyses of soil samples are summarized in ***Table 2*** and on ***Figure 2***. Resource Laboratory, LLC's analytical laboratory reports are included in ***Appendix D***. The following summarize the results of the subsurface explorations and laboratory analyses:

- LBG describes the general stratigraphy encountered within the test pit excavations as gravel with varying amounts of sand extending to a depth up to eight feet bgs. Below the sand unit, LBG describes the soil as clay, with varying amounts of sand. Fill was observed at TP-8-SB likely from a previous UST closure. Bedrock was not encountered at any test pit location.
- Groundwater was encountered in all test pit locations at depths of between 2.5 feet to 6.5 feet below ground surface.
- The results of PID field screening of soil samples collected from the test pit excavations did not detect VOCs with the sole exception of TP-16-SS which had a PID reading of 55 parts per million. .
- A "septic" odor was observed within TP-1-SB and TP-7-SB.
- Surficial petroleum staining was observed on soil within test pit excavation TP-16-SS. Observations by LBG indicate the spill to be recent and likely attributable to one of the utility trucks parked at the Site during the December 2008 ice storm restoration effort. LBG estimated the spill as likely hydraulic oil with an overall area of one square foot.
- A former leach field was encountered within TP-4-SB, TP-4A-SB, and TP-6-SB. The logs indicate that leach field pipes were pulled apart. GZA notes that the Armory Building and Motor Vehicle Storage Building are connected to municipal sewer.

3.3 TEST BORINGS WITH MONITORING WELL INSTALLATIONS

3.3.1 Test Boring/Well Construction and Soil Sampling Methodology

GZA observed the advancement of four test borings and installation of groundwater monitoring wells within the completed boreholes between January 19 and 23, 2009 by New Hampshire Boring, Inc. of Londonderry, New Hampshire. The borings and groundwater monitoring wells were used to collect groundwater samples and to evaluate the direction of groundwater flow at the Site. Well designations included: MW-1, MW-2, MW-3, and MW-4 as shown on ***Figure 2***. The following includes the rationale for each of the well locations:

MW-1	Downgradient of former leach field and 1,000-gallon UST
MW-2	Downgradient of current 3,000 gallon UST
MW-3	Downgradient of former overseas shipping containers
MW-4	Upgradient location to address possible contamination related to off-site spill

Test borings were completed using standard hollow stem auger techniques with a truck mounted drill rig and direct push drilling techniques with a GeoProbe™ mounted rig. Refer to ***Appendix B*** for GZA's boring logs. Soil samples were collected at 5-foot intervals and screened in the field for total VOCs using a PID[4] to a maximum depth of 10 feet bgs. Refusal was not encountered at any of the test boring locations.[5] Soil samples collected during the drilling program were not submitted to an analytical laboratory consistent with the approved QAPP.

The test borings were completed with 2-inch monitoring wells with a protective roadbox and well screens in overburden wells that spanned the water table observed at the time of drilling. Depth to groundwater was initially measured to range between 3.2 feet bgs (MW-1) and 5.2 feet bgs (MW-2). Drill cuttings were backfilled into the borehole as feasible. After the new monitoring wells were completed, the wells were developed using a peristaltic pump in accordance with GZA Standard Operating Procedure (SOP) B-6. Purge water was discharged to the ground surface.

A relative elevation survey of the newly installed monitoring wells was performed by LBG on January 29, 2009 using a previously established benchmark located within the access roadway for the Town of Peterborough Department of Public Works (DPW) garage. Elevations are referenced to the top of the polyvinyl chloride (PVC). The locations of explorations were additionally survey by LBG.

3.3.2 Summary of Test Boring Observations

GZA observed a 4.5 to >11 foot-thick sand stratum immediately below ground surface. Refer to ***Appendix B*** for test boring logs. The sand stratum was observed to consist of loose to medium dense, light brown, fine sand with variable amounts of silt.[6] GZA also observed a gray

[4] Thermo Environmental Instruments, Organic Vapor Meter, equipped with a 10.6 electron volt lamp and calibrated to an isobutylene in air standard.

[5] GZA encountered the feed line associated with the current 3,000-gallon UST at the original MW-2 soil boring location. GZA moved locations and completed the MW-2 installation without refusal.

[6] Based on a modified Burmister soil classification system.

silt layer 4.5 feet bgs at MW-2.[5] The silt layer is likely a former wetland bed that had been filled during construction of the Armory. GZA identified a fill layer at MW-2 that was described as fine sand with little silt.[5]

Elevated PID measurements were not observed during the drilling program.

3.4 GROUNDWATER LEVEL MEASUREMENTS

GZA obtained an initial round of water level measurements from each of the newly installed groundwater monitoring wells following installation. LBG obtained a second round after aquifer stabilization had occurred to assess on-site groundwater flow directions. Groundwater elevations were measured as depth-to-water using an electronic water level indicator probe. Groundwater elevations were estimated by subtracting the depth-to-groundwater from the surveyed elevation of the top of the PVC casing.

The stabilized depth to groundwater was measured on January 29, 2009 and ranged between 3.4 feet bgs (MW-1) to 5.6 feet bgs (MW-2). Refer to **Table 3** for tabularized groundwater elevation data, and **Figure 2** for overburden groundwater elevation contours inferred from the January 29, 2009 water level measurements. Based on these data, the predominant groundwater flow direction is to the northwest toward the wetland area west of the Armory building.

3.5 GROUNDWATER SAMPLING

LBG collected groundwater samples from the four new monitoring wells (MW-1 through MW-4) on January 29, 2009. GZA contacted SWRPC for approval to sample each monitoring well prior to the standard two-week stabilization time. GZA expedited groundwater sampling so that results would be available for the Town of Peterborough's Land Use Committee meeting on February 16, 2009. Refer to **Figure 2** for well locations. Monitoring wells were purged and sampled using dedicated hand bailers in accordance GZA SOP B-7. A minimum of three well volumes was purged from each monitoring well prior to sampling. Purge water was discharged to the ground surface.

Groundwater samples from each monitoring well were submitted to Resource Analytical laboratory, LLC for analysis of the following:

- RCRA-8 metals;
- VOCs by EPA Method 8260; and
- PAHs by EPA Method 8270.

Refer to **Table 4** for a complete summary of the groundwater samples collected and the analyses performed.

3.6 ANALYTICAL RESULTS

3.6.1 Soil Analytical Results

The laboratory analytical reports for soil samples are provided in ***Appendix D***. Refer to **Table 2** for a summary of soil analytical results. Soil data were compared to both the newly adopted Soil Remediation Standards included in Env-Or 600 *Contaminated Sites Management*. The following summarizes the soil analytical results:

- VOCs, PAHs, and TPH were not detected at TP-1-SB, TP-4A-SB, TP-7-SB, TP-11-SB, and the TP-11-SB duplicate sample;
- TPH and selected VOCs and PAHs were detected above laboratory reporting limits at TP-16-SS. This surficial sampling location corresponded to the hydraulic oil spill identified during the test pitting program.
- Benzene (0.9 milligrams per liter [mg/L]), naphthalene (6.8 mg/L [VOC analysis] and 8.5 mg/L [PAH analysis], and TPH (39,000 mg/L) all exceeded their respective New Hampshire Soil Remediation Standards outlined in Env-Or 600.
- Arsenic, barium, cadmium, chromium, lead, mercury, and silver were detected at one or more sampling locations in excess of laboratory reporting limits.
- Arsenic (13 mg/L; 26 mg/L [Duplicate sample]) exceeded New Hampshire Soil Remediation Standards at TP-11-SB.

3.6.2 Groundwater Analytical Results

The laboratory analytical report for groundwater samples is provided in ***Appendix D***. Refer to **Table 4** for a summary of the analytical results. Laboratory analytical data for the groundwater samples was compared to NHDES' Ambient Groundwater Quality Standards (AGQS) included in Env-Or 600 *Contaminated Sites Management*, dated July 23, 2008.

The following summarizes the groundwater analytical results:

- VOCs, PAHs and RCRA-8 metals were not detected within the groundwater samples collected from monitoring locations MW-1, MW-2, and MW-3. Additionally, VOCs and RCRA-8 metals were not detected at MW-4 in groundwater.
- Selected PAHs were detected within groundwater collected from MW-4 in excess of laboratory reporting limits. Benzo (a) anthracene (0.8 micrograms per liter [µg/L]), Benzo (b) fluoranthene (0.8 µg/L), Benzo (k) fluoranthene (0.7 µg/L), and Benzo (a) Pyrene (0.9 µg/L) were detected in excess of AGQS. The observed concentrations could potentially be a result of suspended soil particles in the groundwater sample. The sample was not field filtered per instructions from EPA. GZA notes that the turbidity of the sample collected from was >1,000 NTU. MW-4 is an upgradient location that previously was used as a storage area for utility poles. GZA notes that the utility poles may be source of the PAHs observed in shallow groundwater.
- Field screening of purge water indicated the following:

	pH	**Specific Conductance**	**Turbidity**
Well Name	**Standard units**	**Microsiemens per Centimeter**	**Nephelometric Turbidity Units**
MW-1	7.1	100	> 1,000
MW-2	7.0	430	770
MW-3	6.2	160	660
MW-4	7.0	290	> 1,000

3.7 DATA VALIDATION OF ANALYTICAL RESULTS

The Southwest Region Planning Commission determined that data validation was not necessary for this work scope as it would have been completed after the deadline imposed by the Town of Peterborough. Further, it is not foreseen by SWRPC that the quality of the data would be challenged. SWRPC consulted with EPA and NHDES prior to making a determination that data validation was not necessary.

4.0 FINDINGS AND CONCLUSIONS

The findings and conclusions provided below are based on the work conducted as part of this Preliminary Environmental Assessment designed to further evaluate the *recognized environmental conditions* previously identified in LBG's January 2008 ESA of the Site:

- GZA conducted a limited inventory of universal waste within both the Armory and Motor Vehicle Storage Building. GZA did not collect environmental samples as part of this inventory and, therefore, can not confirm the presence of asbestos or lead paint. GZA did identify light ballasts that possibly contain PCBs. Fluorescent light tubes were observed within the interior of the Site buildings. State regulations prohibit the disposal of mercury-containing devices in landfills due to their mercury content. The preferred option is for the removal and recycling of the bulbs at an approved recycling facility. Other hazardous materials observed during the survey include high-intensity discharge lighting (mercury, PCB/DEHP), mercury thermostats, equipment oils, and emergency exit sign/light batteries (lead-acid batteries).
- LBG describes the general stratigraphy encountered within the test pit excavations as sand or sandy gravel from 1 foot to 4 feet of natural material or fill, dependent on proximity to wetland areas. Fill overlying potentially naturally occurring soils is described by LBG as "coarse sand." Naturally occurring soil adjacent to the wetland areas and beneath the fill as described as "sandy clay." Bedrock was not encountered at any test pit location.
- Groundwater was detected in overburden soils at a depth ranging between 4 and 5.6 feet bgs. Based on the January 29, 2009 groundwater elevation measurements collected by LBG, groundwater is estimated to flow towards the northwest, toward the wetland area.
- Soil quality at TP-16-SS indicated Benzene (0.9 milligrams per liter [mg/L]), naphthalene (6.8 mg/L [VOC analysis] and 8.5 mg/L [PAH analysis], and TPH (39,000 mg/L) all exceeded their respective New Hampshire Soil Remediation Standards outlined in Env-Or 600. Elevated levels of VOCs and TPH are likely attributable to the hydraulic oil spill observed at this sampling location.
- Arsenic (13 mg/L) exceeded New Hampshire Soil Remediation Standards at TP-11-SB. It is GZA's opinion that this concentration is likely a background condition consistent with concentrations we have observed throughout New Hampshire.
- Benzo (a) anthracene (0.8 micrograms per liter [µg/L]), Benzo (b) fluoranthene (0.8 µg/L), Benzo (k) fluoranthene (0.7 µg/L), and Benzo (a) Pyrene (0.9 µg/L) were detected in excess of AGQS at MW-4. The observed concentrations could potentially be a result of suspended soil particles in the groundwater sample. The sample was not field filtered per instructions from EPA. GZA notes that the turbidity of the sample

collected from was >1,000 NTU. MW-4 is an upgradient location that previously was used as a storage area for utility poles. GZA notes that the utility poles may be source of the PAHs observed in shallow groundwater.

5.0 RECOMMENDATIONS

GZA understands that Site ownership may be transferred from the New Hampshire Army National Guard to the Town of Peterborough. Based on the findings and conclusions presented above, it is GZA's opinion that the following additional work be performed:

- A second round of groundwater quality samples should be collected to confirm current concentrations. PAH samples should be field filtered prior to sample collection to reduce turbidity. Low-level PAH contamination at MW-4 may be attributable to the presence of suspended soil particles within the sample matrix.
- Removal of impacted soil in the immediate vicinity of the hydraulic oil spill at TP-16-SB.
- Completion of a limited Remedial Action Plan for contaminated soil/groundwater in the general vicinity of MW-4. GZA understands that the Town will be able to apply for Brownfield's remediation money after the property has been transferred to the Town of Peterborough. The RAP will likely include recommendations for limited soil removal associated with the hydraulic oil release, and groundwater monitoring consistent with a GMP.
- Collection of surficial soil samples in the general vicinity of MW-4.
- A building materials survey that includes the collection of samples for lead paint and PCBs should be conducted.

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TABLES

Table 1
Building Materials Survey
Former New Hampshire National Guard Armory Site
Peterborough, New Hampshire

Building	Building Material	Number in Building	Notes
Armory	Motors: Compactors	1	Roof/Ceiling Motors for HVAC system
	Motors: Gear Oil	1	Roof/Ceiling Motors for HVAC system
	Switch Gear	1	Located in Drill Hall
	Transformers	1	3 pole-mounted across street feeding Armory and Motor Vehicle Storage Building
	HVAC Units	2	Roof/Ceiling located in Drill Hall
	Heaters	1	Oil-fired and wall-mounted
	Window AC Units	3	CFCs
	Fire Suppression: Fire Extinguishers	13	Removed and stored in Drill Hall
	Fire Suppression: Hydraulics	N/A	
	Detectors	2	
	Mercury Thermostats	3	
	Hydraulic Door Closers	14	
	Strobes	N/A	
	Emergency Lights	7	
	Compressors	2	
	Fluorescent Ballasts	41	
	Fluorescent Tubes (4 feet)	83	
	HID Lights: Interior	23	
	HID Lights: Exterior	10	
	Ice Makers	N/A	
	Batteries	12	
	Fire Panel	N/A	
	Kitchen Wall Venting Fan	1	
Motor Vehicle Storage Building	Burner	1	Oil-fired with adjacent 275-gallon AST, approximately 1/4 oil left
	20 Gallon Drum	1	Approximately 2 gallons of used oil
	Georgia Pacific Plastic Roof Cement	1	5-gallon can, full
	Exterior Paint Can	1	12-ounce can
	HID Lights	13	
	Fluorescent Light Bulbs (8 feet)	5	
	Fluorescent Light Bulbs (4 feet)	2	
	Ballasts	6	

Notes:
1. GZA was not granted access to either building's roof as part of this survey.
2. Lead-based paint on each building is probable. As part of this workscope, GZA did not collect samples for laboratory analyses.
3. For a complete assessment of asbestos containing materials and subsequent abatement activities, please refer to RPF Associates, Inc.'s February 11, 2008 letter titled "Peterborough Readiness Center and Motor Vehicle Storage Building," and RPF Associates, Inc.'s August 8, 2008 letter titled "Ambient Area Air Sampling," respectively.

Table 2
Soil Quality Summary
New Hampshire Army National Guard Armory
Peterborough, New Hampshire

Stockpile Sample ID and Date of Sample Collection	NH Soil Remediation	TP-1-SB (2.5-4.5)	TP-4A-SB (2-3)	TP-7-SB (4.5-6.5)	TP-11-SB (3-4)	TP-11-SB (3-4) Duplicate	TP-16-SS (0-0.5)
VOCs by EPA Method 8260B (mg/kg)							
Benzene	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	**0.9**
Toluene	100	<0.1	<0.1	<0.1	<0.1	<0.1	**13**
Ethylbenzene	140	<0.1	<0.1	<0.1	<0.1	<0.1	**11**
mp-Xylene	500	<0.1	<0.1	<0.1	<0.1	<0.1	**34**
o-Xylene		<0.1	<0.1	<0.1	<0.1	<0.1	**16**
Isopropylbenzene	330	<0.1	<0.1	<0.1	<0.1	<0.1	**4.2**
n-Propylbenzene	85	<0.1	<0.1	<0.1	<0.1	<0.1	**11**
1,3,5-Trimethylbenzene	96	<0.1	<0.1	<0.1	<0.1	<0.1	**17**
1,2,4-Trimethylbenzene	130	<0.1	<0.1	<0.1	<0.1	<0.1	**60**
sec-Butylbenzene	130	<0.1	<0.1	<0.1	<0.1	<0.1	**7.2**
p-Isopropyltoluene	3,400	<0.1	<0.1	<0.1	<0.1	<0.1	**4.1**
Naphthalene	5	<0.1	<0.1	<0.1	<0.1	<0.1	**6.8**
SVOCs by EPA Method 8270C (mg/kg)							
Naphthalene	5	<0.6	<0.5	<0.6	<0.7	<0.7	**8.5M**
2-Methylnaphthalene	96	<0.6	<0.5	<0.6	<0.7	<0.7	**32**
Dibenzofuran	Not Established	<0.6	<0.5	<0.6	<0.7	<0.7	**2.4M**
Fluorene	77	<0.6	<0.5	<0.6	<0.7	<0.7	**5.5M**
Phenanthrene	960	<0.6	<0.5	<0.6	<0.7	<0.7	**4.9M**
Anthracene	1,000	<0.6	<0.5	<0.6	<0.7	<0.7	**0.8M**
Fluoranthene	960	<0.6	<0.5	<0.6	<0.7	<0.7	**1.1M**
Pyrene	720	<0.6	<0.5	<0.6	<0.7	<0.7	**3.9M**
TPH/DRO by EPA Method 8015 (mg/kg)							
	10,000	<230	<210	<240	<290	<290	**39,000**
Eight RCRA Metals EPA Method 6010 (mg/kg)							
Arsenic	11	**3.5**	**3.5**	**2.4**	**13**	**26**	**5.4**
Barium	1,000	**34**	**42**	**54**	**32**	**34**	**46**
Cadmium	33	<0.2	**0.2**	<0.2	<0.2	<0.2	<0.2
Chromium	1,000	**10**	**5**	**14**	**11**	**12**	**17**
Lead	400	**4.5**	**2.4**	**4.1**	**14**	**16**	**18**
Mercury	6	<0.01	<0.01	<0.02	**0.04**	**0.04**	<0.02M
Selenium	180	<2	<2	<2	<2	<2	<2
Silver	89	<0.3	<0.3	0.3	<0.3	<0.3	**0.4**

NOTES:
1. Soil samples were collected by GZA GeoEnvironmental, Inc and submitted to Resource Laboratory, LLC of Portsmouth, New Hampshire for analysis including volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260, Semivolatile Organic Compounds (SVOCs) by EPA Method 8270C, total petroleum hydrocarbons (TPH) by EPA Method 8015B (diesel range organics [DRO]), & the eight Resource Conservation and Recovery Act (RCRA) metals by EPA Method 6010. Results are in milligrams per kilogram (mg/kg).
2. Bold indicates the compound was detected above the detection limit. Shaded values indicates exceedances of Soil Remediation Standards included in Env-Or 600.
3. "<" indicates that the parameter was not detected above the reporting limit.
4. "M" indicates the concentration reported by the laboratory should be qualified due to surrogate recovery exceeding acceptance criteria.

Table 3
Groundwater Elevation Summary
New Hampshire Army National Guard Armory
Peterborough, New Hampshire

Date	GROUNDWATER (Depth/Elevation [feet])							
	Monitoring Location							
	MW-1		MW-2		MW-3		MW-4	
	Reference Elevation (feet)							
	793.22		793.98		793.58		795.84	
	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation	Depth to Water	Elevation
1/29/2009	3.4	789.8	5.6	788.4	4.48	789.1	4.62	791.2

NOTES:

1. Depth-to-groundwater measurements made by Louis Berger Group (LBG) on the dates indicated.
2. The reference elevation for each well is the top of the polyvinyl chloride riser pipe.
3. Elevations are reported in feet and are based on an elevation survey conducted by LBG on January 19, 2009. The elevation for each well was measured using optical survey techniques and was referenced a previous survey conducted by LBG.

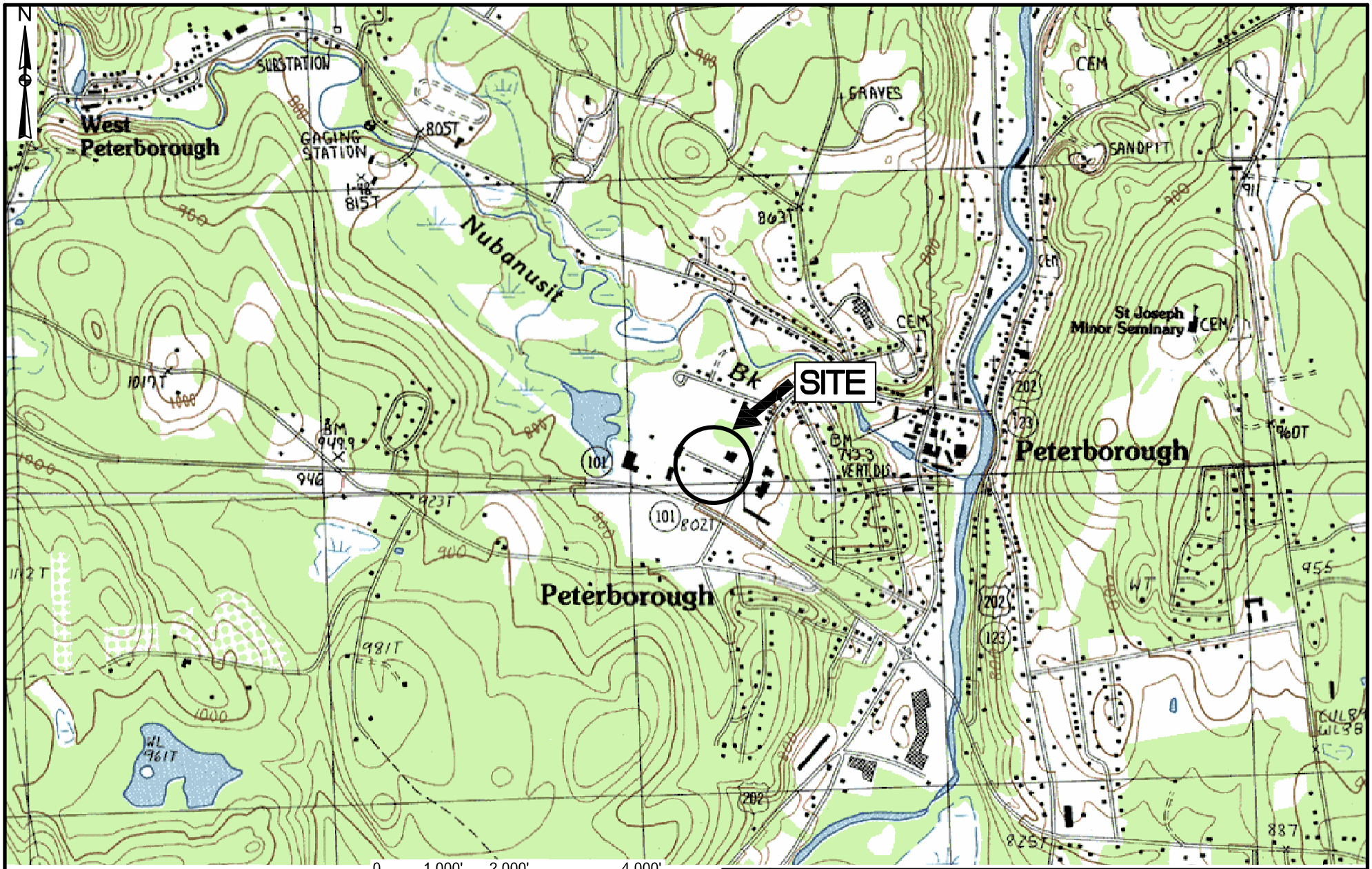
Table 4
Groundwater Quality Summary
New Hampshire Army National Guard Armory
Peterborough, New Hampshire

Compound	NH AGQS Env-Or 600 Table 600-1	MW-1	MW-2	MW-3	MW-3 DUP	MW-4
VOCs by EPA Method 8260B (µg/L)						
Not Detected		ND	ND	ND	ND	ND
PAHs by EPA Method 8270C (µg/L)						
Phenanthrene	210	<0.5	<0.5	<0.5	<0.5	**1.0**
Fluoranthene	280	<0.5	<0.5	<0.5	<0.5	**1.6**
Pyrene	210	<0.5	<0.5	<0.5	<0.5	**1.9**
Benzo(a)anthracene	0.1	<0.5	<0.5	<0.5	<0.5	**0.8**
Chrysene	5.0	<0.5	<0.5	<0.5	<0.5	**1.0**
Benzo(b)fluoranthene	0.1	<0.5	<0.5	<0.5	<0.5	**0.8**
Benzo(k)fluoranthene	0.5	<0.5	<0.5	<0.5	<0.5	**0.7**
Benzo(a)pyrene	0.2	<0.2	<0.2	<0.2	<0.2	**0.9**
RCRA 8 Metals by EPA Method 6020/200.8 (mg/L)						
Not Detected		ND	ND	ND	ND	ND

NOTES:
1. Groundwater samples were collected by Louis Berger Group and submitted to Resource Laboratory, LLC of Portsmouth, New Hampshire for analysis including volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B, Polynuclear Aromatic Hydrocarbons (PAHs) by EPA Method 8270C, and the eight Resource Conservation and Recovery Act (RCRA) metals by EPA Method 6010.
2. Bold indicates the compound was detected above the detection limit. Shaded values indicates exceedances of the Ambient Groundwater Quality Standards (AGQS) included in Env-Or 600.
3. "<" indicates that the parameter was not detected above the reporting limit. "ND" indicates parameters within the method were not detected above laboratory reporting limits.

FIGURES

 GZA–P:\04Jobs\04.0024843.00\04.0024843.01\Planning Commission Letter\04–24266.02_F02–03_PROP–COND AND ELP–rev3.DWG [LOCUS] March 13, 2009 – 1:18pm brian.cooper



NO.	ISSUE/DESCRIPTION	BY	DATE

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-3600

PREPARED FOR:

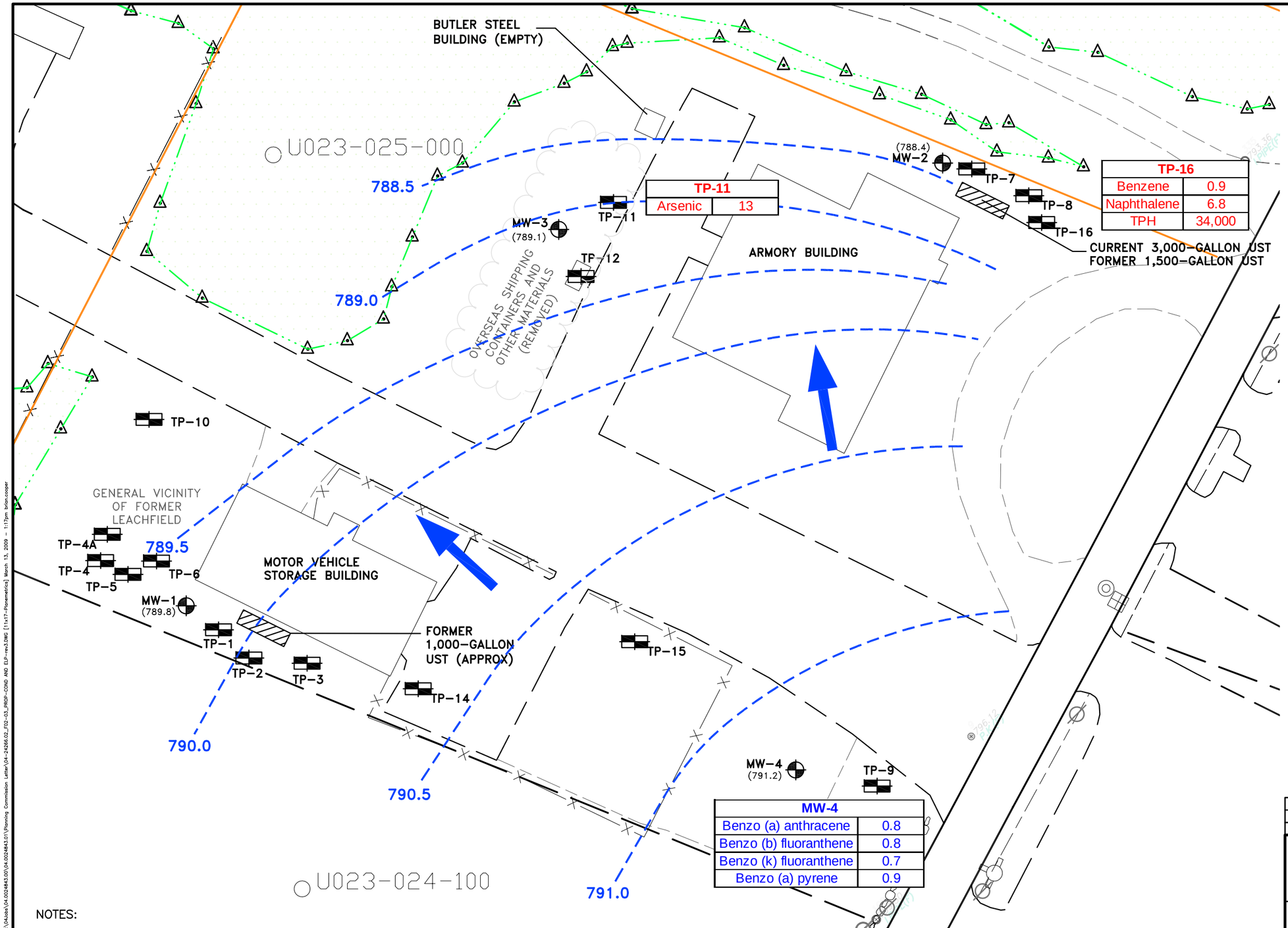
PHASE II INVESTIGATION REPORT
NEW HAMPSHIRE
ARMY NATIONAL GUARD ARMORY
PETERBOROUGH, NEW HAMPSHIRE

LOCUS PLAN

PROJ MGR:	DNK
DESIGNED BY:	DNK
REVIEWED BY:	ATD
DRAWN BY:	BJC
CHECKED BY:	SRL
SCALE:	AS SHOWN

DATE: MARCH 2009
PROJECT NO.: 04.0024843.01
REVISION NO.:

FIGURE 1
SHEET NO.:



LEGEND

- TP-1 — TEST PIT LOCATION
- MW-1 — MONITORING WELL LOCATION
- ESTIMATED GROUNDWATER SURFACE
- (789.8) — CALCULATED GROUNDWATER SURFACE ELEVATION
- INFERRED DIRECTION OF GROUNDWATER FLOW

TP-16	
Benzene	0.9
Naphthalene	6.8
TPH	34,000

RESULTS OF LABORATORY ANALYSIS OF SOIL SAMPLES IN EXCESS OF SOIL REMEDIATION STANDARDS OUTLINED IN ENV-OR 600

MW-4	
Benzo (a) anthracene	0.8
Benzo (b) fluoranthene	0.8
Benzo (k) fluoranthene	0.7
Benzo (a) pyrene	0.9

RESULTS OF LABORATORY ANALYSIS OF GROUNDWATER IN EXCESS OF AGQS OUTLINED IN ENV-OR 600

N

0 25' 50' 100'

SCALE IN FEET

NOTES:

1. SITE PLAN GENERATED BY LOUIS BERGER GROUP (LBG), BASED ON A SITE SURVEY CONDUCTED BY LBG ON JANUARY 29, 2009.
2. GROUNDWATER ELEVATION CONTOURS ARE BASED ON GROUNDWATER DEPTH MEASUREMENTS IN MONITORING WELLS BY LBG.
3. GROUNDWATER CONTOURS AND FLOW DIRECTIONS ASSUME HOMOGENEOUS AND ISOTOPIC AQUIFER CONDITIONS AND HORIZONTAL FLOW. GROUNDWATER CONTOURS ARE INTERPOLATED BETWEEN DATA POINTS AND ARE INFERRED IN OUTLYING AREAS.
4. SOIL AND GROUNDWATER SAMPLES WERE SUBMITTED TO RESOURCE LABORATORY, LLC OF PORTSMOUTH, NH. PLEASE REFER TO BORING LOGS AND ANALYTICAL REPORTS FOR ADDITIONAL INFORMATION.

NO.	ISSUE/DESCRIPTION	BY	DATE

SITE PLAN / GROUNDWATER CONTOUR PLAN
ARMY NATIONAL GUARD ARMORY

PETERBOROUGH, NEW HAMPSHIRE

PHASE II INVESTIGATION REPORT

PREPARED BY:
GZA GeoEnvironmental, Inc.
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PREPARED FOR:

PROJ MGR: DNK	REVIEWED BY: ATD	CHECKED BY: SRL	FIGURE 2
DESIGNED BY: DNK	DRAWN BY: BJC	SCALE: AS SHOWN	
DATE MARCH 2009	PROJECT NO. 04.0024843.01	REVISION NO.	SHEET NO.

APPENDIX A

LIMITATIONS

GEOHYDROLOGICAL LIMITATIONS

1. The conclusions and recommendations submitted in this report are based in part upon the data obtained from a limited number of soil samples from widely spaced subsurface explorations. The nature and extent of variations between these explorations may not become evident until further investigation. If variations or other latent conditions then appear evident, it will be necessary to reevaluate 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 boring logs.

3. Water level readings have been made in observation wells at times and under conditions stated on the exploration logs. These data have been reviewed and interpretations have been made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to variations in rainfall and other factors different from those prevailing at the time measurements were made.

4. Chemical analyses have been conducted by an outside laboratory. GZA GeoEnvironmental, Inc. (GZA) has relied upon the data provided.

5. The conclusions and recommendations contained in this report are based in part upon various types of chemical data and are contingent upon their validity. These data have been reviewed and interpretations made in the report. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data should be reviewed by GZA, and the conclusions and recommendations presented therein modified accordingly.

6. Chemical analyses have been performed for specific parameters during the course of this study, as detailed in the text. It must be noted that additional constituents not searched for during the current study may be present in soil and groundwater at the Site.

7. It is recommended that this firm be retained to provide further engineering services during design, implementation, and/or construction of any remedial measures, if necessary. This is to observe compliance with the concepts and recommendations contained herein and to allow design changes in the event that subsurface conditions differ from those anticipated.

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APPENDIX B

TEST PIT, TEST BORING AND WELL CONSTRUCTION LOGS

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 1
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5			ND	0.2 Gravel, F-C Sand, some organic matter	
1.0					
1.5					
2.0					
2.5			ND	M, C Sand some cobble ▼	Grndwtr at 2.5' bgs, excavation filling with water
3.0					
3.5					
4.0					
4.5		1-SB(2.5-4.5)	7	Clay, some F Sand	With septic odor, Bot. of Excav ~4.5' bgs
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 2
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)		Comments
0.0						
0.5			ND	0.4	Gravel, some F-C Sand and OM	
1.0						
1.5						
2.0			ND	2.3	Gravel, M,C Sand	
2.5			ND	2.6	Gravel, some Sand - getting firmer ▼	Grndwtr at 2.9' bgs, excavation filling with water
3.0						
3.5			ND	3.6	Clay, some Sand	
4.0						Bot. of Excav ~4' bgs
4.5						
5.0						
5.5						
6.0						
6.5						
7.0						
7.5						
8.0						
8.5						
9.0						
9.5						
10.0						
10.5						
11.0						
11.5						
12.0						
						No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 3
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5 1.0 1.5 2.0					
2.5 3.0 3.5 4.0			ND	Gravel, some Sand ▼	Grndwtr at 2.9' bgs, excavation filling with water
4.5 5.0 5.5 6.0			ND	Clay, some F, M Sand	Bot. of Excav ~6' bgs
6.5 7.0 7.5 8.0					
8.5 9.0 9.5 10.0					
10.5 11.0 11.5 12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 4
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5			ND	0.4 Gravel, F-C Sand, some organic matter	
1.0					
1.5					
2.0			ND	M, C Sand some cobble ▼	Grndwtr stabilized at 1.5' bgs
2.5					
3.0			ND	Clay, some Sand	Former Leach Field encntrd 3.5' bgs. Pipes pulled apart-flooded excavation. GW elevation stablized at 1.5' bgs.
3.5					
4.0					Bot. of Excav ~4' bgs
4.5					
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 4A
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5			ND	0.4 Gravel, F-C Sand, some organic matter	
1.0					Getting courser 12" bgs down
1.5					
2.0			5	M, C Sand some cobble ▼	Grndwtr stabilized at 1.8' bgs
2.5					
3.0		4A-SB(2-3)			Former Leach Field encntrd 3' bgs. Pipes pulled apart-flooded excavation. GW elevation stabilized at 22" bgs. Bot. of Excav ~3.5' bgs
3.5					
4.0					
4.5					
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 5
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)		Comments
0.0						
0.5			ND	0.4	Gravel, F-C Sand, some organic matter	
1.0						
1.5						
2.0						
2.5			ND		M, C Sand some cobble	
3.0						
3.5						
4.0						
4.5			ND		Clay, some Sand	
5.0			ND		Clay	Bot. of Excav ~5' bgs
5.5						
6.0						
6.5						
7.0						
7.5						
8.0						
8.5						
9.0						
9.5						
10.0						
10.5						
11.0						
11.5						
12.0						
						No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 6
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5			ND	Gravel, F-C Sand, some organic matter	
1.0					
1.5					
2.0			ND	M, C Sand some cobble ▼	Grndwtr stabilized at 2.4' bgs
2.5			ND	Clay, some F-M sand	Septic Lines @ 27"-30" bgs. Pulled apart and flooded excavation. Bot. of Excav ~3' bgs
3.0					
3.5					
4.0					
4.5					
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 7
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 794
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5			ND	OM, F,M Sand, trace silt	
1.0					
1.5					
2.0					
2.5					
3.0					
3.5					
4.0			ND	F-M Sand, some cobble	Sandy fill material
4.5			ND	OM	Possibly Original Ground
5.0					
5.5					
6.0		7-SB(4.5-6.5)	10	▼	Grndwtr seepage observed at 6.2' bgs
6.5			ND	Gray ish Clay with 6"- Rocks	Septic/Decay Odor-nearly level w/adjacent wetland
7.0					Bot. of Excav ~7' bgs
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 7.5' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 8
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 794
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5			ND	Topsoil, F,M Sand, trace silt	
1.0					
1.5					
2.0					
2.5					
3.0					Mixed fills from 0.5' bgs to 5' bgs, in vicinity of former and current UST so area has been disturbed at least twice.
3.5					
4.0					
4.5					Water filling excavation, ??Foundation Drain?? At ~5' bgs.
5.0			ND	Mixed Fills - Sand, OM, some Clay ▼	Mottling band at 4.7' bgs. Grndwtr stabilized at ~5' bgs.
5.5					Bottom of Excavation ~5.5' bgs
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 9
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 796
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)		Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0						
0.5			ND	0.4	Gravel	
1.0						
1.5			ND	1.2	OM, some sand, trace silt	with root matrix
2.0			ND	2.0	Clay, some sand, trace silt	
2.5						
3.0						
3.5						
4.0						
4.5						
5.0						
5.5						
6.0					▼	Grndwtr observed at 5.8' bgs
6.5		9-SB(2-6)	1	6.6	Clay, some sand	
7.0						
7.5						
8.0						
8.5						
9.0						
9.5						
10.0						
10.5						
11.0						
11.5						
12.0						
						No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 9' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 10
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 793
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5					
1.0			ND	Topsoil	
1.5					
2.0					
2.5				▼	Grndwtr at 2.6' bgs
3.0			ND	Clay, trace silt	
3.5			ND	Clay, some F Sand , trace silt	soupy when saturated
4.0					
4.5					
5.0					
5.5					
6.0					
6.5					
7.0					
7.5					
8.0					
8.5					
9.0					
9.5					
10.0					
10.5					
11.0					
11.5					
12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 8' Width: 3.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 11
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 794
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)		Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0						
0.5 1.0 1.5 2.0			1		Topsoil and Gravel, some asphalt pieces	
2.5 3.0 3.5 4.0		11-SB(3-4)	ND 15	3.2	Course Sand OM ▼	minor seepage emitting from top of OM lens appears to have been a perched water - minor
4.5 5.0 5.5 6.0						
6.5 7.0 7.5 8.0						
8.5 9.0 9.5 10.0			ND		Clay, some F,M Sand	No Groundwater Noted, Bot. of Excav ~9' bgs
10.5 11.0 11.5 12.0						
						No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 11' Width: 4.5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.	TEST PIT LOG	Test Pit No: 12
Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: 794
Contractor:	Town of Peterborough, NH - Gordon Young (operator)	Date: December 29, 2008
Equipment:	JCB 217S Series S Backhoe	Inspector: Robert J. Saunders, PE

Depth (ft)	Sample Depth Range	Sample ID	PID (ppmV)	Visual Description (color, soil type, moisture, *etc.*)	Comments
0.0					
0.5 1.0 1.5 2.0			ND	0.8 Topsoil and Gravel, some asphalt pieces	
2.5 3.0 3.5 4.0			ND	M-C Sand, trace silt	
4.5 5.0 5.5 6.0					
6.5 7.0 7.5 8.0				M-C Sand, trace silt Clay, some F, M Sand	Lens of clay approximately 10"-12" T
8.5 9.0 9.5 10.0			ND	F, M Sand, trace silt Clay, some F, M Sand	No Groundwater Noted, Bot. of Excav ~10' bgs
10.5 11.0 11.5 12.0					
					No Odors or Staining Observed

Water Level			Approx. PIT Dimensions at Surface	Summary
Date	Time	Depth (feet)	Length: 12' Width: 5'	Depth (ft)
			Boulders	Jar Samples
			8" to 18"	Bag Samples
			> 18"	Water Level (ft)

The Louis Berger Group, Inc.

SAMPLE LOG

Test Pit No: Surface Samples

Project:	NH Army National Guard Armory	Project Number: 24843.01C
Location:	Peterborough, NH	Location: See Site Plan
Client:	Southwest Regional Planning Commission	Approx. Ground Elev.: --
Contractor:		Date: December 29, 2008
Equipment:		Inspector: Robert J. Saunders, PE

SAMPLE	Location:	Visual Description (color, soil type, moisture, *etc.*)	PID (ppmV)	SAMPLE ID
TP-11-SS	West of Armory, Near TP-11	Gravel drive	2	11-SS (0'-0.5')
TP-12-SS	West of Armory, Near TP-12	Gravel drive	0	12-SS (0'-0.5')
TP-13-SS	Front of Site, NW of TP-9	Gravel drive	0	
TP-14-SS	SE of MV Building	Stone Chip	2	14-SS (0'-0.5')
TP-15-SS	Inside Paddock, East of MV	Stone Chip	0	15-SS (0'-0.5')
TP-16-SS	East of UST, Near TP-8	OM, Topsoil	55	16-SS (0'-0.5')

GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Army National Guard Armory
Peterborough, NH

Boring No.: MW-1
Page: 1 **of** 1
File No.: 04.0024843.01
Check:

Contractor: New Hampshire Boring, Inc.
Foreman: Peter LaBossiere
Logged by: Don Kirkland
Date Start/Finish: 1-19-09 / 1-19-09
Boring Location: See Exploration Location Plan
GS Elev.: **Datum:** NGVD

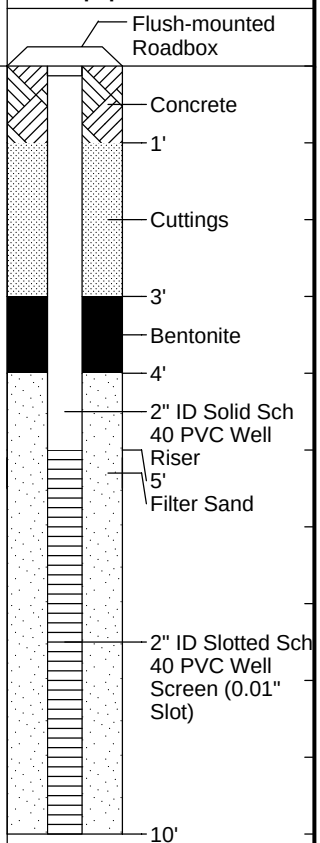
	Auger/ Casing	Sampler
Type:	HSA	SS
I.D.:	4.25 in	1.37 in
Hammer Wt.:		
Hammer Fall:		
Rig / Other:		

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
1/19/09	1700	3.1 ft	well	4 hrs.
1/22/09	1000	3.2 ft	well	4 days

Depth (ft)	Sample Information: No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks
0	S-1	24/ 16	0.0- 2.0	4-4 2-4	ND	Loose, light brown, fine to coarse SAND, trace Silt (0 to 4 inches) changing to brown, fine SAND, some Silt. Dry.		1
4	S-2	24/ 19	4.0- 6.0	4-4 5-6	ND	Loose, light brown, fine SAND, trace Silt. Wet.	SAND	
10	S-3	24/ 18	9.0- 11.0	6-6 6-7	ND	Medium dense, light brown, fine SAND, trace Silt. Wet.		
11						Bottom of boring at 11 feet below ground surface. No refusal.	11.0 ft	

Equipment Installed



REMARKS

1. Soil samples were screened for total volatile organic compounds (VOCs) using a TEI Model 580B organic vapor meter referenced to an isobutylene-in-air standard. Total VOCs detected are reported in parts per million (ppm) in the "Field Test Data" column. "ND" indicates VOC concentrations are below the instrument's detection limit.

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-1

SOIL BL WELL MW1-4.GPJ GZA_NH.GDT 3/19/09

GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Army National Guard Armory
Peterborough, NH

Boring No.: MW-2
Page: 1 **of** 1
File No.: 04.0024843.01
Check:

Contractor: New Hampshire Boring, Inc.
Foreman: Peter LaBossiere
Logged by: Don Kirkland
Date Start/Finish: 1-23-09 / 1-23-09
Boring Location: See Exploration Location Plan
GS Elev.: **Datum:** NGVD

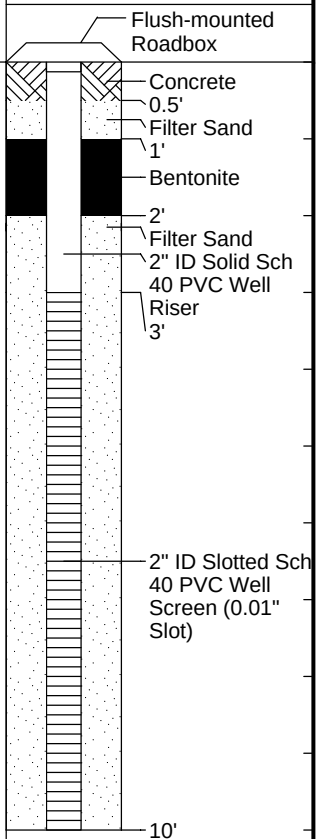
	Auger/ Casing	Sampler
Type:	Geoprobe	Sleeve
I.D.:	3 in	1.37 in
Hammer Wt.:		
Hammer Fall:		
Rig / Other:		

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
1/23/09	1015	5.2 ft	well	15 min.

Depth (ft)	Sample Information: No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks
0	S-1	60/ 43	0.0- 5.0	--- ---	ND	10 inches Topsoil changing to light brown, fine SAND, little Silt. Dry.	SAND	
4.5 ft								
4	S-2	60/ 55	5.0- 10.0	--- ---	2	Gray, SILT, trace fine SAND.	SILT	
10.0 ft						Bottom of boring at 10 feet below ground surface. No refusal.		

Equipment Installed



REMARKS

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-2

SOIL BL WELL MW1-4.GPJ GZA_NH.GDT 3/19/09

GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Army National Guard Armory
Peterborough, NH

Boring No.: MW-3
Page: 1 **of** 1
File No.: 04.0024843.01
Check:

Contractor: New Hampshire Boring, Inc.
Foreman: Peter LaBossiere
Logged by: Don Kirkland
Date Start/Finish: 1-19-09 / 1-19-09
Boring Location: See Exploration Location Plan
GS Elev.: **Datum:** NGVD

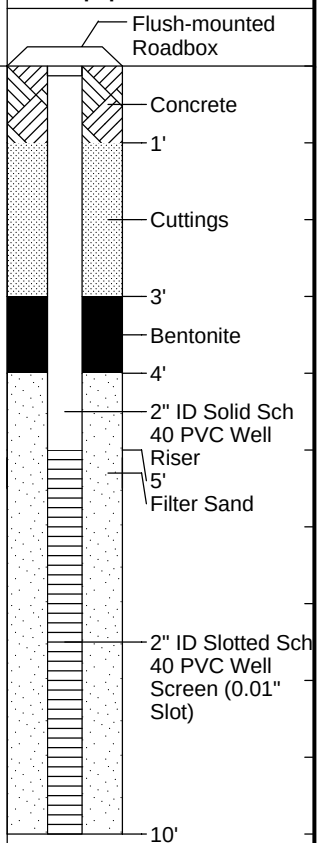
	Auger/ Casing	Sampler
Type:	HSA	SS
I.D.:	4.25 in	1.37 in
Hammer Wt.:		
Hammer Fall:		
Rig / Other:		

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
1/19/09	1705	4.1 ft	well	7 hrs.
1/23/09	1010	4.3 ft	well	4 days

Depth (ft)	Sample Information: No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks
	S-1	24/ 16	0.0- 2.0	15-10 10-8	ND	Medium dense, brown, fine to medium SAND, some Silt, trace fine Gravel. Dry.		1
4	S-2	24/ 19	4.0- 6.0	1-3 6-7	ND	Loose, light brown, fine SAND, some Silt. Moist.	SAND	
10	S-3	24/ 18	9.0- 11.0	7-4 5-6	ND	Loose, light brown, fine SAND. Wet.		
						Bottom of boring at 11 feet below ground surface. No refusal.	11.0 ft	

Equipment Installed



REMARKS

1. Soil samples were screened for total volatile organic compounds (VOCs) using a TEI Model 580B organic vapor meter referenced to an isobutylene-in-air standard. Total VOCs detected are reported in parts per million (ppm) in the "Field Test Data" column. "ND" indicates VOC concentrations are below the instrument's detection limit.

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-3

SOIL BL WELL MW1-4.GPJ GZA_NH.GDT 3/19/09

GZA
GeoEnvironmental, Inc.
Engineers and Scientists

Army National Guard Armory
Peterborough, NH

Boring No.: MW-4
Page: 1 **of** 1
File No.: 04.0024843.01
Check:

Contractor: New Hampshire Boring, Inc.
Foreman: Peter LaBossiere
Logged by: Don Kirkland
Date Start/Finish: 1-23-09 / 1-23-09
Boring Location: See Exploration Location Plan
GS Elev.: **Datum:** NGVD

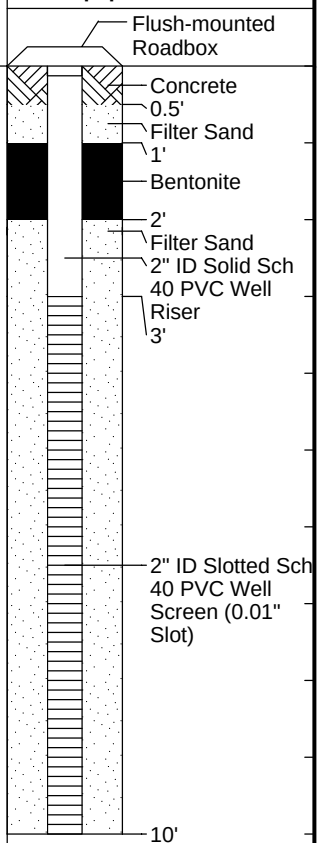
	Auger/ Casing	Sampler
Type:	Geoprobe	Sleeve
I.D.:	3 in	1.37 in
Hammer Wt.:		
Hammer Fall:		
Rig / Other:		

GROUNDWATER READINGS

Date	Time	Depth	Casing	Stab
1/23/09	1005	4.4 ft	well	2 hrs.

Depth (ft)	Sample Information: No.	Pen./ Rec. (in)	Depth (ft)	Blows (/6")	Field Test Data (ppm)	Sample Description & Classification	Stratum Desc.	Remarks
0	S-1	60/ 43	0.0- 5.0	--- ---	ND	10 inches Topsoil changing to light brown, fine SAND, little Silt. Dry.		1
6	S-2	60/ 55	5.0- 10.0	--- ---	2	Gray, SILT, trace fine Sand.	SAND	
10						Bottom of boring at 10 feet below ground surface. No refusal.	10.0 ft	

Equipment Installed



REMARKS

1. Soil samples were screened for total volatile organic compounds (VOCs) using a TEI Model 580B organic vapor meter referenced to an isobutylene-in-air standard. Total VOCs detected are reported in parts per million (ppm) in the "Field Test Data" column. "ND" indicates VOC concentrations are below the instrument's detection limit.

All depth measurements are approximate. Stratification lines represent approximate boundary between soil types, transitions may be gradual. Water level readings have been made at times and under conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the time measurements were made.

Boring No.: MW-4

SOIL BL WELL MW1-4.GPJ GZA_NH.GDT 3/19/09

APPENDIX C

BUILDING MATERIALS SURVEY

RPF ASSOCIATES, INC.
ENVIRONMENTAL HEALTH & SAFETY

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February 11, 2008

Andrew Filiault
NH Adjutant General's Department
4 Pembroke Road
NHAG-FM
Concord, NH 03301

Re: Peterborough Readiness Center and Motor Vehicle Storage Building
Survey Findings
RPF File 07.2707

Dear Mr. Filiault:

On December 13, 2007, RPF Associates, Inc. (RPF) conducted a survey at the Peterborough Readiness Center and Motor Vehicle (MV) Storage Buildings located at 25 Elm Street, Peterborough, NH. The survey was performed throughout the interior of each building for accessible asbestos-containing building material (ACBM). The survey was conducted in accordance with current State and federal rules and regulations. Below is a summary of findings, discussion of the results and methodology, and preliminary recommendations for proper management of the ACBM.

Summary of Findings

RPF inspectors surveyed accessible building space within the interior of the buildings in accordance with the initial asbestos inspection requirements prior to renovation or demolition work as stated in the NH Administrative Rule Env-A 1800 and other applicable federal regulations.

Several types of suspect ACBM were observed by RPF, including friable and nonfriable suspect material. Sampling of the suspect material observed was performed to the extent indicated herein and asbestos was detected in the following materials: pipe and fitting insulation, floor tile, flooring mastic, and window putty.

Depending on the extent of renovation and final construction plans, proper abatement and/or management of the materials may be required in accordance with applicable State and federal regulations. Renovation and demolition plans should be reviewed by a certified industrial hygienist and a licensed project designer for possible asbestos impact issues. Based on the impact assessment and planned usage, technical specifications should be prepared for abatement, as applicable. Design work may also entail further site survey work for confirmation and to address project specifics.

Asbestos-Containing Building Material

Thirty-one (31) homogeneous groups of accessible suspected asbestos-containing building material were identified in the areas surveyed. Suspect materials were identified based on current industry standards, EPA, and other guideline listings of potential suspect ACBM. A total of seventy-six (76) samples were extracted from the different groups of suspect material in accordance with EPA sampling protocols. Of the samples collected by RPF, asbestos was detected in six (6) groups of suspect ACBM within the Readiness Center building. A list of ACBM identified in the building, EPA category listings, and asbestos content is included as Appendix A.

A listing of the suspect materials identified that were sampled during this survey, samples extracted, and analytical results are included in Appendix B. The ACBM identified during this survey consisted of friable and nonfriable material. The nonfriable ACBM was observed to be in good to fair condition and, left undisturbed and properly managed, is unlikely to cause any major fiber release episodes. The friable ACBM pipe insulation was observed to be in fair condition with exposed edges. Care should be used to prevent damage to these exposed edges as a minimum and wrapping these ends with wettable wrap should be considered as further protection.

It is reasonable to assume that, in buildings of this construction period and based on the findings for accessible space, some inaccessible ACBM may be present within wall, floor and ceiling space. For example, wall chase areas may have ACBM pipe insulation or electric wire wrap. Another example is possible multiple layers of flooring or felt papers. Further destructive testing can be performed when feasible, during specification design work, or in conjunction with demolition activity as requested by you and based on the site conditions.

As previously reviewed with you, the exterior roofing components of these buildings were not included in the scope of this survey and sampling was not performed in order not to damage roofing integrity at this time. As such, the suspect roofing materials should be assumed to be ACBM for the purposes of this inspection. When feasible and prior to demolition or disturbance, the roofing components and systems should be tested, including representative core samples and analysis of the different suspect materials, in order to determine asbestos content.

Materials encountered at the site subsequent to this survey, which are not included on the enclosed listings of suspect material sampled or ACBM inventories, should be assumed to be ACBM until proper testing proves otherwise (for example prior to any disturbance due to maintenance, renovation or demolition activity). Please notify RPF in this event to arrange for proper testing and assessments.

In accordance with current regulatory requirements, ACBM that may be impacted or disturbed (such that asbestos fiber release occurs) by renovation, demolition or other such activity must be removed by qualified, licensed firms. ACBM that will not be impacted by renovation or demolition activity may be left in place if managed properly and if the materials are maintained in good condition. The damaged ACBM insulation should be cleaned, repaired and/or removed at a minimum and based on planned usage. Although regulations for removal of nonfriable ACBM are somewhat less stringent than the requirements for friable ACBM, it should be noted that nonfriable ACBM that is subjected

to grinding, abrasion, and other forces, could be rendered friable. In this event, the nonfriable ACBM would be re-categorized friable ACBM.

Asbestos removal is highly regulated at the State and federal level, and in some cases, at the local level also. Notification to NH Air Resources is required 10-days prior to the start of abatement work and demolition. RPF recommends that only qualified, trained, and licensed firms, as applicable, be engaged to complete asbestos removal or other abatement activity. Asbestos abatement work must be designed (abatement specifications prepared) by accredited, licensed personnel. For project design, contingencies for possible hidden ACBM should be included and further explorative survey work may be prudent, depending on the extent of planned renovation and demolition.

All employees and contractors that may access or otherwise disturb areas with ACBM or suspect ACBM present should be notified of the presence of ACBM and possible hidden ACBM, and the need to use caution when proceeding with work. Appropriate notifications and hazard communications should be completed to all employees, contractors and others in accordance with US OSHA regulations and other applicable requirements (including asbestos labeling in accordance with 29 CFR Part 1926).

ACBM labeling requirements should also be addressed in accordance with OSHA, 29 CFR 1926.1101. Please note that the scope of RPF's services for this survey did not include labeling of ACBM or hazard communications to other employees, building occupants, contractors, or subcontractors. If you would like any assistance in this matter please call our office. Other O&M Program related guidelines and recommendations are as indicated in 40 CFR Part 763 (AHERA).

Conclusions

Based on the survey findings, the Readiness Center building was found to contain ACBM. Abatement of the ACBM must be completed prior to renovation or demolition work in accordance with current State and federal requirements. Special attention is also warranted for the exposed edges of the ACBM pipe insulation located throughout the Readiness Center. Sufficiently in advance of the start of renovation, abatement project design should commence. As part the initial design steps, the project designer should review the planned renovation and construction activity for possible impact on ACBM. Any remaining ACBM after construction should be included in the existing management plan to ensure safe occupancy of the building with ACBM present.

Documentation of current ACBM conditions and in-depth hazard assessments is beyond the scope-of-work for this initial survey. With the exception of the specific testing and analysis detailed herein, no other samples of materials, oil, water, ground water, air, or other suspect hazardous materials were collected in the course of this inspection that supports or denies these conclusions. No additional services beyond those explicitly stated herein were performed and none should be inferred or implied. The summary and conclusions are based on reasonably ascertainable information as described in this report. RPF Associates, Inc. makes no guarantees, warranties, or references regarding this property or the condition of the property after the period of this report.

If you have any questions at this time, or if you would like to discuss the project design process, please call our office.

Sincerely,
RPF ASSOCIATES, INC.

Allan D. Mercier
Project Manager, Licensed Inspector

Appendix A: Summary of ACBM Identified
Appendix B: ACBM Sampling Results
Appendix C: Example Pictures
Appendix D: General Information
Appendix E: Summary of Methodology and Limitations

07.2707 021108 Peterborough Rpt

APPENDIX A

NH ADJUTANT GENERAL
Peterborough Readiness Center and MV Storage Buildings

SUMMARY OF ACCESSIBLE ACBM IDENTIFIED

Building Material	Location	Approximate Quantity	EPA Category	Asbestos Results
Readiness Center				
Pipe Insulation	Throughout building	1,600 linear feet (lf)	Friable ACM	15% Chrysotile
Fitting Insulation	Throughout building	120 fittings	Friable ACM	45% Chrysotile
9" Floor Tile (black)	Front entry corridor, Admin Office, Det. Sgt's Office, Commanders Office	1,252 square feet (sq. ft.)	Category I Nonfriable	8% Chrysotile
9" Floor Tile (green)	Commanders Office and Class Room with Café	827 sq. ft.	Category I Nonfriable	10% Chrysotile
Flooring Mastic (black)	Commanders Office and Class Room with Café	827 sq. ft.	Category I Nonfriable	5% Nonfriable
Interior Window Putty	Throughout building	13 windows @ 21 lf/window	Category II Nonfriable	2% Chrysotile
	Drill Hall	66 windows @ 31 lf/window		
Motor Vehicle Storage Building				
No Accessible ACBM Present				

Table Notes:

- Appendix D of the report contains further information on the EPA category listings. Please note that Category 1 and Category 2 nonfriable ACM are recategorized as friable and/or RACM under certain conditions. Current State asbestos regulations are more strict and comprehensive than the EPA NESHAPs requirements.
- All quantities are approximate only and should be confirmed during abatement project design and abatement bidding.
- Materials listed as assumed ACBM should be properly testing by an accredited inspector prior to disturbance and when such materials become accessible, or shall be handled as ACBM,
- It is likely that some inaccessible ACBM is present. Care should be used when renovating/demolishing inaccessible building space. Further explorative survey work may be necessary during abatement design and in conjunction with demolition.
- Please reference full text of the report for details on the scope of the inspection and limitations.

APPENDIX B

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NH Adjutant General
Peterborough Readiness Center

SUMMARY OF BULK MATERIAL SAMPLING AND RESULTS
Polarized Light Microscopy – EPA 600/R-93/116 Method
Samples Collected: December 13, 2007

Sample ID	Sample Description	Asbestos Content	Other Content
121307-HG01	Pipe insulation, white, maintenance office, north corner at ceiling	15% Chrysotile	70% Cellulose 15% Non-fibrous
121307-HG01B	Pipe insulation, white, men's latrine, center at ceiling	*SFP	*SFP
121307-HG01C	Pipe insulation, white, drill room, southeast wall between maintenance office and class room	*SFP	*SFP
121307-HG02	Fitting insulation, white, maintenance office, north corner at ceiling	45% Chrysotile	55% Non-fibrous
121307-HG02B	Fitting insulation, white, kitchen, just inside doorway at ceiling	*SFP	*SFP
121307-HG03 Floor Tile	Floor tile, black, corridor in front of Det. Sgt. Office, just outside doorway, left side	8% Chrysotile	92% Non-fibrous
121307-HG03 Mastic	Mastic, black , corridor in front of Det. Sgt. Office, just outside doorway, left side	No Asbestos Detected	100% Non-fibrous
121307-HG03B Floor tile	Floor tile, black, Det. Sgt. Office, rear center of office	*SFP	*SFP
121307-HG03B Mastic	Mastic, black, Det. Sgt. Office, rear center of office	No Asbestos Detected	100% Non-fibrous
121307-HG04 Floor tile	Floor tile, green, Class Room in café area	10% Chrysotile	90% Non-fibrous
121307-HG04 Mastic	Mastic, black, Class Room, in café area	5% Chrysotile	95% Non-fibrous
121307-HG04B Floor tile	Floor tile, green, Class Room, in café area	*SFP	*SFP
121307-HG04B Mastic	Mastic, black, Class Room, in café area	*SFP	*SFP
121307-HG04C Floor tile	Floor tile, green, Commanders office, south corner by door to latrine	*SFP	*SFP
121307-HG04C Mastic	Mastic, black, Commanders office, south corner by door to latrine	*SFP	*SFP
121307-HG05	Interior window putty, white, NCO office, southeast wall, south window	2% Chrysotile	98% Non-fibrous
121307-HG05B	Interior window putty, white, supply office, southwest wall, sole window	*SFP	*SFP
121307-HG05C	Interior window putty, white, kitchen, northeast wall, sole window	*SFP	*SFP

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SUMMARY OF BULK MATERIAL SAMPLING AND RESULTS
Polarized Light Microscopy – EPA 600/R-93/116 Method
Samples Collected: December 13, 2007

Sample ID	Sample Description	Asbestos Content	Other Content
121307-HG06	Formica with adhesive, gray, kitchen countertop, north side of counter	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG06B	Formica with adhesive, gray, kitchen, countertop, south side of counter	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG07	Formica with adhesive, red, café service countertop	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG07B	Formica with adhesive, red, supply, countertop on north side of room	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG08	Formica with adhesive, gray, Admin Office, northwest side of office	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG08B	Formica with adhesive, gray, Admin Office, northwest side of office	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG09	Ceramic tile grout, gray, Commanders latrine, floor in southeast corner	No Asbestos Detected	100% Non-fibrous
121307-HG09B	Ceramic tile grout, gray, men's latrine, floor in front of showers	No Asbestos Detected	100% Non-fibrous
121307-HG11	Plaster with skim coat, white, men's latrine, front room ceiling	No Asbestos Detected	100% Non-fibrous
121307-HG11B	Plaster with skim coat, white, women's latrine, ceiling just inside doorway	No Asbestos Detected	100% Non-fibrous
121307-HG11C	Plaster with skim coat, white, men's latrine, shower room ceiling, center	No Asbestos Detected	100% Non-fibrous
121307-HG12	Fixed ceiling tiles, 24", white, maintenance office, ceiling in northwest corner	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG12B	Fixed ceiling tiles, 24", white, classroom, ceiling in southwest corner	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG13	Suspended ceiling tiles, 2x2, white, corridor, approximate center	No Asbestos Detected	25% Cellulose, 45% Mineral Wool, 30% Non-fibrous
121307-HG13B	Suspended ceiling tiles, 2x2, white, corridor, center of corridor in front of Det. Sgt's Office	No Asbestos Detected	25% Cellulose, 45% Mineral Wool, 30% Non-fibrous
121307-HG14	Fixed ceiling tiles, 12", white, corridor, approximate center above HG13	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG14B	Fixed ceiling tiles, 12", white, janitor's closet, west corner	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG15	Paper, black, corridor, ceiling above fixed ceiling tiles, approximate center	No Asbestos Detected	80% Cellulose 20% Non-fibrous

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SUMMARY OF BULK MATERIAL SAMPLING AND RESULTS
Polarized Light Microscopy – EPA 600/R-93/116 Method
Samples Collected: December 13, 2007

Sample ID	Sample Description	Asbestos Content	Other Content
121307-HG15B	Paper, black, Det. Sgt. Office, ceiling above fixed ceiling tiles, approximate center	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG16	Gypsum, white, NCO office, northwest wall, right corner	No Asbestos Detected	90% Cellulose 10% Non-fibrous
121307-HG16B	Gypsum, white, NCO office, northwest wall, west corner	No Asbestos Detected	90% Cellulose 10% Non-fibrous
121307-HG16C	Gypsum, white, NCO office, northwest wall, north corner	No Asbestos Detected	90% Cellulose 10% Non-fibrous
121307-HG17	Skim coat, white, maintenance office, southeast wall, lower left corner	No Asbestos Detected	100% Non-fibrous
121307-HG17B	Skim coat, white, maintenance office, southeast wall, lower left corner	No Asbestos Detected	100% Non-fibrous
121307-HG17C	Skim coat, white, maintenance office, southeast wall, lower right corner	No Asbestos Detected	100% Non-fibrous
121307-HG18	Covebase mastic, yellow, corridor, near building entrance door, lower right side	No Asbestos Detected	100% Non-fibrous
121307-HG18B	Covebase mastic, yellow, corridor, near Det. Sgt's Office doorway, lower left side	No Asbestos Detected	100% Non-fibrous
121307-HG19	Tectam board, tan, supply room, ceiling just inside entry door	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG19B	Tectam board, tan, supply room, ceiling near vault door	No Asbestos Detected	80% Cellulose 20% Non-fibrous
121307-HG20	Pipe insulation, brown, drain pipe in supply room, just inside entry door	No Asbestos Detected	20% Cellulose, 70% Hair, 10% Non-fibrous
121307-HG20B	Pipe insulation, brown, drain pipe in supply room, just inside entry door	No Asbestos Detected	20% Cellulose, 70% Hair, 10% Non-fibrous
121307-HG20C	Pipe insulation, brown, drain pipe in supply room, just inside entry door	No Asbestos Detected	98% Hair 2% Non-fibrous
121307-HG21	Pressboard panel, white, class room, just inside doorway to drill hall, ceiling cover piece over light	No Asbestos Detected	100% Cellulose
121307-HG22	Exterior window caulk, white, Commander's office, southeast wall, south window	No Asbestos Detected	100% Non-fibrous
121307-HG22B	Exterior window caulk, white, Commander's office, southeast wall, north window	No Asbestos Detected	100% Non-fibrous
121307-HG23	Exterior window glaze, Commander's office, southeast wall, south window	No Asbestos Detected	100% Non-fibrous

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SUMMARY OF BULK MATERIAL SAMPLING AND RESULTS
Polarized Light Microscopy – EPA 600/R-93/116 Method
Samples Collected: December 13, 2007

Sample ID	Sample Description	Asbestos Content	Other Content
121307-HG23B	Exterior window glaze, kitchen, northeast wall, sole window	No Asbestos Detected	100% Non-fibrous

07.2707 121307 Readiness Ctr bulk tbl

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SUMMARY OF BULK MATERIAL SAMPLING AND RESULTS
Polarized Light Microscopy – EPA 600/R-93/116 Method

Samples Collected: December 13, 2007

Sample ID	Sample Description	Asbestos Content	Other Content
121307-HG101	Interior window glaze, gray, office, south wall, sole window	No Asbestos Detected	100% Non-fibrous
121307-HG101B	Interior window glaze, gray, maintenance area, northwest wall, sole window	No Asbestos Detected	100% Non-fibrous
121307-HG102	Fiberboard, yellow, cage area, northwest wall, center	No Asbestos Detected	90% Cellulose 10% Non-fibrous
121307-HG102B	Fiberboard, yellow, maintenance area, southeast wall, center	No Asbestos Detected	90% Cellulose 10%Non-fibrous
121307-HG103	Formica green, with red adhesive, office, countertop along northwest wall	No Asbestos Detected	100% Non-fibrous
121307-HG103B	Formica, green, with red adhesive, office, countertop along northwest wall	No Asbestos Detected	100% Non-fibrous
121307-HG104	Textured Surfacing, office ceiling, approximate center	No Asbestos Detected	100% Non-fibrous
121307-HG104B	Textured Surfacing, office ceiling, approximate center	No Asbestos Detected	100% Non-fibrous
121307-HG104C	Textured Surfacing, office ceiling, approximate center	No Asbestos Detected	100% Non-fibrous
121307-HG105	Gypsum, white, office area, northwest wall, north corner	No Asbestos Detected	10% Cellulose 90% Non-fibrous
121307-HG105B	Gypsum, white, office area, northeast wall, east corner	No Asbestos Detected	10% Cellulose 90%Non-fibrous
121307-HG105C	Gypsum, white, office ceiling, approximate center	No Asbestos Detected	10% Cellulose 90%Non-fibrous
121307-HG106	Joint compound, white, office area, northeast wall, north corner	No Asbestos Detected	100% Non-fibrous
121307-HG106B	Joint compound, white, office area, northeast wall, south corner	No Asbestos Detected	100% Non-fibrous
121307-HG106C	Joint compound, white, office area, northeast wall, south corner	No Asbestos Detected	100% Non-fibrous
121307-HG107	Pressboard panel, brown, maintenance area, southeast wall, near entry door	No Asbestos Detected	90% Cellulose 10% Non-fibrous
121307-HG108	Gyp-crete, white, garage ceiling, southwest side, approximate center	No Asbestos Detected	100% Non-fibrous

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SUMMARY OF BULK MATERIAL SAMPLING AND RESULTS
Polarized Light Microscopy – EPA 600/R-93/116 Method

Samples Collected: December 13, 2007

Sample ID	Sample Description	Asbestos Content	Other Content
121307-HG108B	Gyp-crete, white, garage ceiling, southwest side, approximate center	No Asbestos Detected	100% Non-fibrous
121307-HG108C	Gyp-crete, white, garage ceiling, southwest side, approximate center	No Asbestos Detected	100% Non-fibrous

07.2707 121307 MV Storage bulk tbl

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APPENDIX C

NH ADJUTANT GENERAL
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Example Photographs

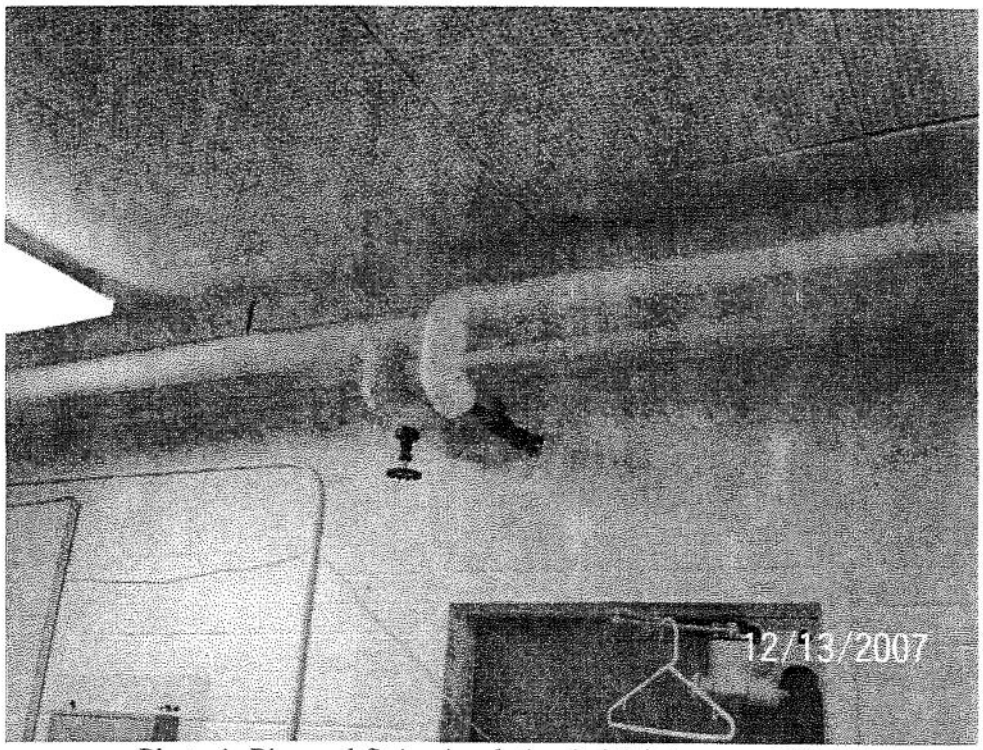

Photo 1: Pipe and fitting insulation in Maintenance Office

Photo 2: ACBM pipe and fitting insulation in the kitchen

Example Photographs

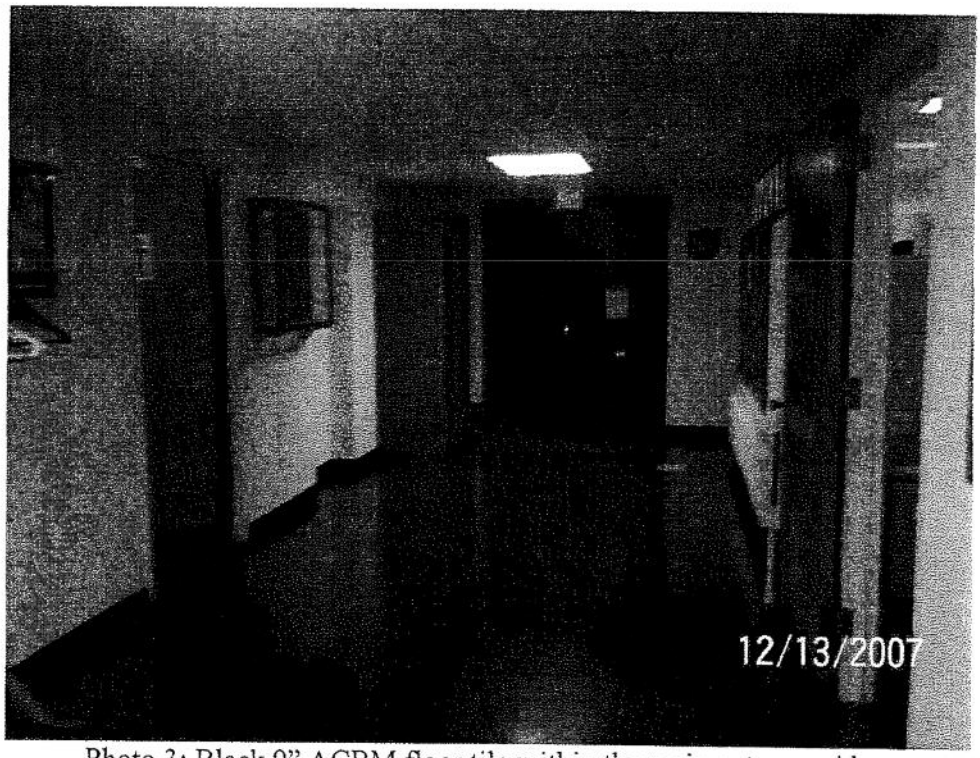

Photo 3: Black 9" ACBM floor tile within the main entry corridor.

Photo 4: Classroom area with green 9" ACBM floor tile and mastic.

Example Photographs

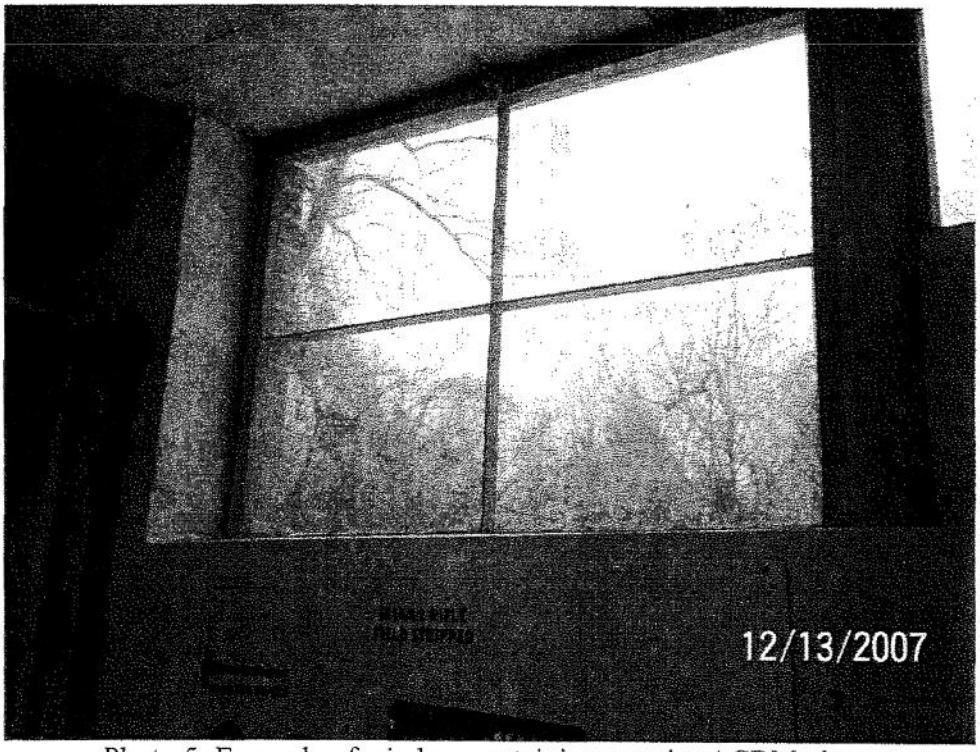

Photo 5: Example of window containing exterior ACBM glaze.

APPENDIX D

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INDUSTRY AND REGULATORY OVERVIEW

General Overview

Asbestos is the name for a group of naturally occurring minerals that separate into strong, very fine fibers. The adverse health effects associated with asbestos exposure have been extensively studied for many years. Results of these studies and epidemiological investigations have demonstrated that inhalation of asbestos fibers may lead to increased risk of developing one or more diseases. In all cases, extreme care must be used not to disturb asbestos-containing materials or to create fiber release episodes.

Asbestos-containing building material (ACBM) that is in good condition, and is not damaged or otherwise disturbed, is not likely release asbestos fibers into the air if it is managed properly. When properly managed, release of asbestos fibers into the air or surrounding areas is prevented or minimized, and the risk of asbestos-related disease can be reduced to a negligible level. However, ACBM can become hazardous when, due to damage, disturbance, or deterioration over time, they release fibers into the air. In the event of fiber release without proper controls, elevated airborne concentrations of asbestos create a potential hazard for any employees and building occupants in the affected areas.

ACBM is classified by the different regulatory agencies based on friability. Friable ACBM, when dry, can be crumbled, pulverized, or reduces to powder by hand pressure. Considering that a primary concern when dealing with ACBM is airborne fibers or the potential for exposure to airborne fibers, friable ACBM is typically considered to present more of a health risk as compared with nonfriable ACBM. Nonfriable ACBM is further grouped by the EPA into Category I and Category II nonfriable ACBMS depending on the specific type of ACM. It should be noted that nonfriable ACBM that is rendered friable, or in some cases, subjected to certain activities and forces during work, may also be considered regulated as friable ACBM.

Health Issues

The three primary diseases most often related to asbestos exposure are asbestosis, mesothelioma, and lung cancer. Asbestosis is a fibrous scarring of the lung caused by scar tissue formations in the lung in response to the asbestos fibers. Mesothelioma is a rare cancer of the lining of the lungs or the lining of the abdomen. Exposure to all types of asbestos increases the risk of developing lung cancer and asbestosis. Other diseases found more often among persons exposed to asbestos include cancer of the esophagus, stomach, colon, and pancreas; pleural plaques and pleural thickening; and pleural effusion.

Exposure to airborne asbestos rarely causes immediate health problems. The diseases related to asbestos may develop over a period of 10 to 30 years. Studies have shown that there is dose-response relationship between exposure to asbestos and disease -or the more asbestos inhaled over an extended period, the greater the risk of developing an asbestos-related disease. Smoking, in combination with asbestos exposure, can increase the risk of disease by 50 percent.

Regulatory Overview

Asbestos is highly regulated at the federal, state, and local levels. To date, the two primary Federal agencies responsible for generating asbestos-related regulations are the U.S. Environmental Protection Agency (EPA) and the Occupational Safety and Health Administration (OSHA). Additionally, regulations regarding asbestos vary from state-to-state and, in some cases, locally.

Regulations promulgated by the Environmental Protection Agency (EPA) include:

Asbestos Abatement Projects; Worker Protection Rule
Title 40 Part 763, Sub-part G of the Code of Federal Regulations

Asbestos School Hazard Abatement Reauthorization Act (ASHARA)
Training Requirements of (AHERA) Regulation
Asbestos Containing Materials in Schools Final Rule & Notice
Title 40, Part 763, Sub-part E, Code of Federal Regulations

Asbestos Hazard Emergency Response Act (AHERA) Regulation
Asbestos Containing Materials in Schools Final Rule & Notice
Title 40, Part 763, Sub-part E of the Code of Federal Regulations

National Emission Standard for Hazardous Air Pollutants (NESHAPS)
National Emission Standard for Asbestos, Title 40, Part 61, Sub-part A,
and Sub-part M (Revised Sub-part B) of the Code of Federal Regulations

The US Occupational Safety and Health Administration (OSHA) has also developed regulations for asbestos (abatement and related issues) including:

Occupational Exposure to Asbestos, Tremolite,
Anthophyllite, and Actinolite; Final Rules

Title 29, Part 1910, Section 1001 and
Part 1926, Section 1101 of the Code of Federal Regulations

Respiratory Protection
Title 29, Part 1910, Section 134 of the Code of Federal Regulations
Other related sections of 29 CFR 1926 and 29 CFR 1910

Individual state agencies must also be consulted for current updated copies of state rules and regulations. Regulations and requirements can very significantly from state to state.

In summary, based on current regulatory requirements, ACBM, which may be impacted or disturbed (such that asbestos fiber release occurs) by renovation, demolition, or other such activity, must be removed by qualified, licensed firms. ACBM, which will not be impacted or disturbed by renovation or demolition activity, may be left in place if managed properly and if the materials are maintained in good condition. A qualified, licensed project designer and certified industrial hygienist must design abatement work. All abatement should be monitored, tested, and inspected by a qualified EH&S firm/certified industrial hygienist. ACBM that will not be impacted or disturbed by renovation or demolition activity may be left in place if managed properly and if the materials are maintained in good condition.

APPENDIX E

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SUMMARY OF METHODOLOGY

Asbestos

An EPA accredited inspector surveyed all accessible building space in the designated structure. Suspect materials were inventoried and categorized into homogeneous groups of materials. To the extent indicated in the report, samples were then extracted from the different groups of homogeneous materials in accordance with applicable State and federal rules and regulations. Samples were placed into containers, labeled, and submitted for analysis to determine asbestos content. Analysis was conducted using polarized light microscopy (PLM). Sampling and analytical protocols used during the survey work were based on the requirements of 40 CFR Part 763. Although PLM is the method currently recognized in State and federal regulations for asbestos identification in bulk samples, some industry studies have found that PLM may not be sensitive enough to detect all of the asbestos fibers in certain types of materials, such as floor tile. In the event that more definitive results are requested, RPF recommends that confirmation testing be completed using transmission electron microscopy.

Inaccessible areas, such as building space behind walls and floors were not included in the inspection and care should be used when accessing these areas during demolition. In the event that additional suspect materials are encountered, the materials should be properly tested by an accredited inspector. Please also reference the discussions and findings for additional notes on the inspection methods used during this inspection.

SURVEY LIMITATIONS: ACBM

1. The observations and conclusions presented in the Report were based solely upon the services described herein, and not on scientific tasks or procedures beyond the scope of services as discussed in the proposal and text of the report. The conclusions and recommendations are based on visual observations and testing, limited as indicated in the Report, and were arrived at in accordance with generally accepted standards of industrial hygiene practice and asbestos professionals. In addition and as applicable, where sample analyses were conducted by an outside laboratory, RPF has relied upon the data provided, and has not conducted an independent evaluation of the reliability of this data.

2. Observations were made of the designated accessible areas of the site as indicated in the Report. While it was the intent of RPF to conduct a survey to the degree indicated, it is important to note that not all suspect ACBM material in the designated areas were specifically assessed and visibility was limited, as indicated, due to the presence of furnishings, equipment, solid walls and solid or suspended ceilings throughout the facility. Suspect material may have been used and may be present in areas where detection and assessment is difficult until renovation and/or demolition proceeds.

3. Although some assumptions may have been stated regarding the potential presence of inaccessible or hidden ACBM, a full inspection for all ACBM or a destructive inspection for possible inaccessible suspect ACBM was not conducted. This inspection did not include a hazard assessment survey or testing to determine current dust concentrations of asbestos in and around the building. The survey was limited to ACBM as indicated herein and a site assessment for other possible environmental health and safety hazards or subsurface pollution was not performed as part of the scope of this initial site inspection.

4. Where access to portions of the surveyed area was unavailable or limited, RPF renders no opinion of the condition and assessment of these areas. The survey results only apply to areas specifically accessed by RPF during the site inspection.

5. Interiors of mechanical equipment and other building or process equipment may also have ACBM gaskets or insulation present and were not included in this inspection. Further inspections would likely be required prior to renovation or demolition activity.

6. Existing reports, drawings, and analytical results provided by the Client to RPF, as applicable, were not verified and, as such, RPF has relied upon the data provided as indicated, and has not conducted an independent evaluation of the reliability of these data.

7. All hazard communication and notification requirements, as required by U.S. OSHA regulation 29 CFR Part 1926, 29 CFR Part 1910, and other applicable rules and regulations, by and between the Client, general contractors, subcontractors, building occupants, employees and other affected persons were the responsibility of the Client and Client's abatement contractor and are not part of the scope of services to be provided by RPF.

8. Results presented in the report area limited to the materials and conditions present at the time that the site inspection was actually performed by RPF. The applicability of the observations and recommendations presented in this report to other portions of the site were not determined as part of this scope of work. Many accidents, injuries and exposures and environmental conditions are a result of individual employee/employer actions and behaviors, which will vary from day to day, and with operations being conducted. Changes to the site that occur subsequent to the RPF inspection may result in conditions which differ from those present during the survey and presented in the findings of the report. For example, during construction changes it is possible that previously inaccessible suspect material may be encountered. As such, the contractors, employers OSHA-competent persons, and other affected staff should be advised of the possible presence of inaccessible ACBM and suspect ACBM. In the event that newly identified suspect material is encountered, please contact RPF to arrange for proper inspection, assessment and testing as applicable.

9. Typically, hazardous building materials such as asbestos, lead paint, PCBs, mercury, refrigerants, hydraulic fluids and other materials may be present in buildings. The survey performed by RPF only addresses the specific items as indicated in the report. In general it is recommended that surveys for all accessible hazardous building material be performed. Notify RPF to arrange for additional survey work as needed.

APPENDIX D

SOIL ANALYTICAL RESULTS

Laboratory Report

Resource Laboratories, LLC
124 Heritage Avenue #10 Portsmouth, NH 03801

Donald Kirkland
GZA GeoEnvironmental, Inc.
Airpark Business Center
380 Harvey Rd
Manchester, NH 03103-3347

PO Number: None
LabID: 15945
Date Received: 12/30/08

Project: 04.0024843.01 NHANG Armory Peterboro, NH

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Resource Laboratories, LLC maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Resource Laboratories, LLC

(for)

Susan Sylvester
Principal, General Manager

1/15/09
Date

Total number of pages _____

Resource Laboratories, LLC Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-002

Sample ID: TP-7-SB (4.5-6.5)

Matrix: Solid Percent Dry: 80.6 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 9:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
chloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
bromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
chloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
diethyl ether	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
acetone	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
methylene chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
t-butanol (TBA)	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
2-butanone (MEK)	< 0.3	0.3	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
chloroform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
tetrahydrofuran (THF)	< 0.5	0.5	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
benzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
trichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,4-dioxane	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
dibromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
toluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
2-hexanone	< 0.5	0.5	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-002

Sample ID: TP-7-SB (4.5-6.5)

Matrix: Solid Percent Dry: 80.6 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 9:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
o-xylene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
styrene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
bromoform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
bromobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
naphthalene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	98	78-114	%	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
toluene-D8 SUR	98	88-110	%	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
4-bromofluorobenzene SUR	97	86-115	%	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B
a,a,a-trifluorotoluene SUR	107	70-130	%	1	LMM	1/5/09	1930	1/7/09	15:49	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-003

Sample ID: TP-16-SS (0-0.5)

Matrix: Solid Percent Dry: 70.8 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 9:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
chloromethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
vinyl chloride	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
bromomethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
chloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
trichlorofluoromethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
diethyl ether	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
acetone	< 16	16	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1-dichloroethene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
methylene chloride	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
carbon disulfide	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
trans-1,2-dichloroethene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
isopropyl ether (DIPE)	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1-dichloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
t-butanol (TBA)	< 16	16	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
2-butanone (MEK)	< 1.9	1.9	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
2,2-dichloropropane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
cis-1,2-dichloroethene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
chloroform	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
bromochloromethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
tetrahydrofuran (THF)	< 3.1	3.1	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1,1-trichloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1-dichloropropene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
carbon tetrachloride	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2-dichloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
benzene	**0.9**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
trichloroethene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2-dichloropropane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
bromodichloromethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,4-dioxane	< 16	16	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
dibromomethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 2.8	2.8	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
cis-1,3-dichloropropene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
toluene	**13**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
trans-1,3-dichloropropene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
2-hexanone	< 3.1	3.1	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1,2-trichloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,3-dichloropropane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
tetrachloroethene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
dibromochloromethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-003

Sample ID: TP-16-SS (0-0.5)

Matrix: Solid Percent Dry: 70.8 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 9:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
ethylbenzene	**11**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
m&p-xylenes	**34**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
o-xylene	**16**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
styrene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
bromoform	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
isopropylbenzene	**4.2**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2,3-trichloropropane	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
n-propylbenzene	**11**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
bromobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,3,5-trimethylbenzene	**17**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
2-chlorotoluene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
4-chlorotoluene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
tert-butylbenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2,4-trimethylbenzene	**60**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
sec-butylbenzene	**7.2**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,3-dichlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
4-isopropyltoluene	**4.1**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,4-dichlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2-dichlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
n-butylbenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2,4-trichlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,3,5-trichlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
hexachlorobutadiene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
naphthalene	**6.8**	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
1,2,3-trichlorobenzene	< 0.6	0.6	ug/g	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	97	78-114	%	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
toluene-D8 SUR	103	88-110	%	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
4-bromofluorobenzene SUR	99	86-115	%	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B
a,a,a-trifluorotoluene SUR	91	70-130	%	5	LMM	1/5/09	1930	1/9/09	2:24	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-005

Sample ID: TP-11-SB (3-4)

Matrix: Solid Percent Dry: 64.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
chloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
bromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
chloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
diethyl ether	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
acetone	< 4	4	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
methylene chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
t-butanol (TBA)	< 4	4	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
2-butanone (MEK)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
chloroform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
tetrahydrofuran (THF)	< 0.7	0.7	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
benzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
trichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,4-dioxane	< 4	4	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
dibromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 0.7	0.7	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
toluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
2-hexanone	< 0.7	0.7	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-005

Sample ID: TP-11-SB (3-4)

Matrix: Solid Percent Dry: 64.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
o-xylene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
styrene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
bromoform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
bromobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
naphthalene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	97	78-114	%	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
toluene-D8 SUR	99	88-110	%	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
4-bromofluorobenzene SUR	98	86-115	%	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B
a,a,a-trifluorotoluene SUR	104	70-130	%	1	LMM	1/5/09	1930	1/7/09	16:19	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-006

Sample ID: TP-11-SB (3-4) DUP

Matrix: Solid Percent Dry: 69.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
chloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
bromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
chloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
diethyl ether	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
acetone	< 3	3	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
methylene chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
t-butanol (TBA)	< 3	3	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
2-butanone (MEK)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
chloroform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
tetrahydrofuran (THF)	< 0.6	0.6	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
benzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
trichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,4-dioxane	< 3	3	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
dibromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 0.6	0.6	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
toluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
2-hexanone	< 0.6	0.6	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-006

Sample ID: TP-11-SB (3-4) DUP

Matrix: Solid Percent Dry: 69.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
o-xylene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
styrene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
bromoform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
bromobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
naphthalene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	96	78-114	%	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
toluene-D8 SUR	98	88-110	%	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
4-bromofluorobenzene SUR	89	86-115	%	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B
a,a,a-trifluorotoluene SUR	99	70-130	%	1	LMM	1/5/09	1930	1/7/09	17:50	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-010

Sample ID: TP-1-SB (2.5-4.5)

Matrix: Solid Percent Dry: 83.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 12:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
chloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
bromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
chloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
diethyl ether	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
acetone	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
methylene chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
t-butanol (TBA)	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
2-butanone (MEK)	< 0.3	0.3	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
chloroform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
tetrahydrofuran (THF)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
benzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
trichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,4-dioxane	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
dibromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
toluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
2-hexanone	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-010

Sample ID: TP-1-SB (2.5-4.5)

Matrix: Solid Percent Dry: 83.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 12:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
o-xylene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
styrene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
bromoform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
bromobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
naphthalene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	97	78-114	%	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
toluene-D8 SUR	96	88-110	%	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
4-bromofluorobenzene SUR	96	86-115	%	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B
a,a,a-trifluorotoluene SUR	109	70-130	%	1	LMM	1/5/09	1930	1/7/09	17:19	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-011

Sample ID: TP-4A-SB (2-3)

Matrix: Solid Percent Dry: 89.2 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 14:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
chloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
bromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
chloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
diethyl ether	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
acetone	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
methylene chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
t-butanol (TBA)	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
2-butanone (MEK)	< 0.2	0.2	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
chloroform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
tetrahydrofuran (THF)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
benzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
trichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,4-dioxane	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
dibromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 0.3	0.3	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
toluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
2-hexanone	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-011

Sample ID: TP-4A-SB (2-3)

Matrix: Solid Percent Dry: 89.2 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 14:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
o-xylene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
styrene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
bromoform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
bromobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
naphthalene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	99	78-114	%	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
toluene-D8 SUR	99	88-110	%	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
4-bromofluorobenzene SUR	92	86-115	%	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B
a,a,a-trifluorotoluene SUR	107	70-130	%	1	LMM	1/5/09	1930	1/7/09	16:49	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH
Lab ID: 15945
Lab Number: 15945-012
Sample ID: Trip Blank
Matrix: Solid
Sampled: 12/29/08

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
dichlorodifluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
chloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
vinyl chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
bromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
chloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
trichlorofluoromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
diethyl ether	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
acetone	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
methylene chloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
carbon disulfide	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
methyl t-butyl ether (MTBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
trans-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
isopropyl ether (DIPE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
ethyl t-butyl ether (ETBE)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
t-butanol (TBA)	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
2-butanone (MEK)	< 0.3	0.3	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
2,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
cis-1,2-dichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
chloroform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
bromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
tetrahydrofuran (THF)	< 0.5	0.5	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1,1-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
t-amyl-methyl ether (TAME)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
carbon tetrachloride	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2-dichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
benzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
trichloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
bromodichloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,4-dioxane	< 2	2	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
dibromomethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
4-methyl-2-pentanone (MIBK)	< 0.4	0.4	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
cis-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
toluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
trans-1,3-dichloropropene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
2-hexanone	< 0.5	0.5	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1,2-trichloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,3-dichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
tetrachloroethene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
dibromochloromethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2-dibromoethane (EDB)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-012

Sample ID: Trip Blank

Matrix: Solid

Sampled: 12/29/08

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1,1,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
ethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
m&p-xylenes	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
o-xylene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
styrene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
bromoform	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
isopropylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,1,2,2-tetrachloroethane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2,3-trichloropropane	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
n-propylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
bromobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,3,5-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
2-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
4-chlorotoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
tert-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2,4-trimethylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
sec-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,3-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
4-isopropyltoluene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,4-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2-dichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
n-butylbenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2-dibromo-3-chloropropane (DBCP)	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2,4-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,3,5-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
hexachlorobutadiene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
naphthalene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
1,2,3-trichlorobenzene	< 0.1	0.1	ug/g	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	100	78-114	%	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
toluene-D8 SUR	95	88-110	%	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
4-bromofluorobenzene SUR	95	86-115	%	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B
a,a,a-trifluorotoluene SUR	102	70-130	%	1	LMM	1/5/09	1930	1/7/09	14:50	SW5035A8260B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-002

Sample ID: TP-7-SB (4.5-6.5)

Matrix: Solid Percent Dry: 80.6 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 9:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Diesel Range Organics (DRO) C10-C28	< 240	240	ug/g	1	JLZ	1/5/09	1932	1/6/09	15:54	SW3550B8015B
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	100	40-140	%	1	JLZ	1/5/09	1932	1/6/09	15:54	SW3550B8015B
o-terphenyl SUR	113	40-140	%	1	JLZ	1/5/09	1932	1/6/09	15:54	SW3550B8015B
naphthalene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
2-methylnaphthalene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
acenaphthylene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
acenaphthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
dibenzofuran	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
fluorene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
phenanthrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
anthracene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
fluoranthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
pyrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
benzo(a)anthracene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
chrysene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
benzo(b)fluoranthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
benzo(k)fluoranthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
benzo(a)pyrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
indeno(1,2,3-cd)pyrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
dibenzo(a,h)anthracene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
benzo(g,h,i)perylene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	97	43-116	%	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C
o-terphenyl SUR	89	33-141	%	1	AJD	1/5/09	1931	1/6/09	12:36	SW3550B8270C

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-003

Sample ID: TP-16-SS (0-0.5)

Matrix: Solid Percent Dry: 70.8 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 9:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Diesel Range Organics (DRO) C10-C28	**39000**	2800	ug/g	10	JLZ	1/5/09	1932	1/6/09	17:43	SW3550B8015B
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	DOR	40-140	%	10	JLZ	1/5/09	1932	1/6/09	17:43	SW3550B8015B
o-terphenyl SUR	DOR	40-140	%	10	JLZ	1/5/09	1932	1/6/09	17:43	SW3550B8015B

DOR = Diluted out of range.

naphthalene	**8.5** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
2-methylnaphthalene	**32**	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
acenaphthylene	< 0.7 M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
acenaphthene	< 0.7 M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
dibenzofuran	**2.4** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
fluorene	**5.5** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
phenanthrene	**4.9** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
anthracene	**0.8** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
fluoranthene	**1.1** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
pyrene	**3.9** M	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
benzo(a)anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
chrysene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
benzo(b)fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
benzo(k)fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
benzo(a)pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
indeno(1,2,3-cd)pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
dibenzo(a,h)anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
benzo(g,h,i)perylene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	127 #	43-116	%	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C

= The surrogate showed recovery outside the acceptance limits as a result of co-eluting hydrocarbons.

o-terphenyl SUR	99	33-141	%	1	AJD	1/5/09	1931	1/6/09	13:13	SW3550B8270C

M = The percent recovery for the matrix spike was above the acceptance criteria. All other batch QC was acceptable. Sample heterogeneity suspected.

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-005

Sample ID: TP-11-SB (3-4)

Matrix: Solid Percent Dry: 64.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Diesel Range Organics (DRO) C10-C28	< 290	290	ug/g	1	JLZ	1/5/09	1932	1/6/09	16:07	SW3550B8015B
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	108	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:07	SW3550B8015B
o-terphenyl SUR	126	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:07	SW3550B8015B
naphthalene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
2-methylnaphthalene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
acenaphthylene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
acenaphthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
dibenzofuran	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
fluorene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
phenanthrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
benzo(a)anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
chrysene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
benzo(b)fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
benzo(k)fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
benzo(a)pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
indeno(1,2,3-cd)pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
dibenzo(a,h)anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
benzo(g,h,i)perylene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	104	43-116	%	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C
o-terphenyl SUR	104	33-141	%	1	AJD	1/5/09	1931	1/6/09	13:51	SW3550B8270C

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-006

Sample ID: TP-11-SB (3-4) DUP

Matrix: Solid Percent Dry: 69.3 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Diesel Range Organics (DRO) C10-C28	< 290	290	ug/g	1	JLZ	1/5/09	1932	1/6/09	16:21	SW3550B8015B
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	103	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:21	SW3550B8015B
o-terphenyl SUR	112	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:21	SW3550B8015B
naphthalene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
2-methylnaphthalene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
acenaphthylene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
acenaphthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
dibenzofuran	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
fluorene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
phenanthrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
benzo(a)anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
chrysene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
benzo(b)fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
benzo(k)fluoranthene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
benzo(a)pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
indeno(1,2,3-cd)pyrene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
dibenzo(a,h)anthracene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
benzo(g,h,i)perylene	< 0.7	0.7	ug/g	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	93	43-116	%	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C
o-terphenyl SUR	87	33-141	%	1	AJD	1/5/09	1931	1/6/09	14:29	SW3550B8270C

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH
Lab ID: 15945

Lab Number: 15945-010
Sample ID: TP-1-SB (2.5-4.5)
Matrix: Solid Percent Dry: 83.3 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 12:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Diesel Range Organics (DRO) C10-C28	< 230	230	ug/g	1	JLZ	1/5/09	1932	1/6/09	16:35	SW3550B8015B
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	#	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:35	SW3550B8015B
o-terphenyl SUR	113	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:35	SW3550B8015B

 # = The surrogate could not be distinguished. Re-extraction showed similar results. Matrix interference suspected.

naphthalene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
2-methylnaphthalene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
acenaphthylene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
acenaphthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
dibenzofuran	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
fluorene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
phenanthrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
anthracene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
fluoranthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
pyrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
benzo(a)anthracene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
chrysene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
benzo(b)fluoranthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
benzo(k)fluoranthene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
benzo(a)pyrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
indeno(1,2,3-cd)pyrene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
dibenzo(a,h)anthracene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
benzo(g,h,i)perylene	< 0.6	0.6	ug/g	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	94	43-116	%	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C
o-terphenyl SUR	87	33-141	%	1	AJD	1/5/09	1931	1/6/09	15:06	SW3550B8270C

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH

Lab ID: 15945

Lab Number: 15945-011

Sample ID: TP-4A-SB (2-3)

Matrix: Solid Percent Dry: 89.2 % Results are expressed on a dry weight basis.

Sampled: 12/29/08 14:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Diesel Range Organics (DRO) C10-C28	< 210	210	ug/g	1	JLZ	1/5/09	1932	1/6/09	16:48	SW3550B8015B
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	97	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:48	SW3550B8015B
o-terphenyl SUR	108	40-140	%	1	JLZ	1/5/09	1932	1/6/09	16:48	SW3550B8015B
naphthalene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
2-methylnaphthalene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
acenaphthylene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
acenaphthene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
dibenzofuran	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
fluorene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
phenanthrene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
anthracene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
fluoranthene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
pyrene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
benzo(a)anthracene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
chrysene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
benzo(b)fluoranthene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
benzo(k)fluoranthene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
benzo(a)pyrene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/g	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	82	43-116	%	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C
o-terphenyl SUR	78	33-141	%	1	AJD	1/5/09	1931	1/6/09	15:44	SW3550B8270C

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH
Lab ID: 15945

Lab Number: 15945-002
Sample ID: TP-7-SB (4.5-6.5)
Matrix: Solid Percent Dry: 80.6 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 9:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Arsenic	**2.4**	0.8	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B
Barium	**54**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B
Cadmium	< 0.2	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B
Chromium	**14**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B
Lead	**4.1**	0.8	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B
Mercury	< 0.02	0.02	ug/g	1	BJS		0900061	1/9/09		SW7470A
Selenium	< 2	2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B
Silver	**0.3**	0.3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:10	SW3051A6010B

Lab Number: 15945-003
Sample ID: TP-16-SS (0-0.5)
Matrix: Solid Percent Dry: 70.8 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 9:50

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Arsenic	**5.4**	0.8	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B
Barium	**46**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B
Cadmium	< 0.2	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B
Chromium	**17**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B
Lead	**18**	0.8	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B
Mercury	< 0.02 M	0.02	ug/g	1	BJS		0900061	1/9/09		SW7470A

M : Matrix spike recovery was 40%, outside the control limits of 75-125%. Matrix interference suspected.

Selenium	< 2	2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B
Silver	**0.4**	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:16	SW3051A6010B

Lab Number: 15945-005
Sample ID: TP-11-SB (3-4)
Matrix: Solid Percent Dry: 64.3 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Arsenic	**13**	0.9	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B
Barium	**32**	5	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B
Cadmium	< 0.2	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B
Chromium	**11**	5	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B
Lead	**14**	0.9	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B
Mercury	**0.04**	0.03	ug/g	1	BJS		0900061	1/9/09		SW7470A
Selenium	< 2	2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B
Silver	< 0.3	0.3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:21	SW3051A6010B

Project ID: 04.0024843.01 NHANG Armory Peterboro, NH
Lab ID: 15945

Lab Number: 15945-006
Sample ID: TP-11-SB (3-4) DUP
Matrix: Solid Percent Dry: 69.3 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Arsenic	**26**	0.8	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B
Barium	**34**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B
Cadmium	< 0.2	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B
Chromium	**12**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B
Lead	**16**	0.8	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B
Mercury	**0.04**	0.03	ug/g	1	BJS		0900061	1/9/09		SW7470A
Selenium	< 2	2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B
Silver	< 0.3	0.3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:26	SW3051A6010B

Lab Number: 15945-010
Sample ID: TP-1-SB (2.5-4.5)
Matrix: Solid Percent Dry: 83.3 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 12:45

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Arsenic	**3.5**	0.7	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B
Barium	**34**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B
Cadmium	< 0.2	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B
Chromium	**10**	4	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B
Lead	**4.5**	0.7	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B
Mercury	< 0.01	0.01	ug/g	1	BJS		0900061	1/9/09		SW7470A
Selenium	< 2	2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B
Silver	< 0.3	0.3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:31	SW3051A6010B

Lab Number: 15945-011
Sample ID: TP-4A-SB (2-3)
Matrix: Solid Percent Dry: 89.2 % Results are expressed on a dry weight basis.
Sampled: 12/29/08 14:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
Arsenic	**3.5**	0.6	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B
Barium	**42**	3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B
Cadmium	**0.2**	0.2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B
Chromium	**5**	3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B
Lead	**2.4**	0.6	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B
Mercury	< 0.01	0.01	ug/g	1	BJS		0900061	1/9/09		SW7470A
Selenium	< 2	2	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B
Silver	< 0.3	0.3	ug/g	1	BJS	1/8/09	1935	1/8/09	16:36	SW3051A6010B

Quality Control Report

RESOURCE LABORATORIES, LLC

Case Narrative
Lab # 15945

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, at 4 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.

Several samples were received on hold and later cancelled. A revised chain of custody is included with the report.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

SVOC: The surrogate for sample 15945-003 was outside the acceptance limits as a result of co-eluting hydrocarbons.

SVOC: The surrogate for sample 15945-010 was unable to be distinguished. The sample was re-extracted and produced similar results. Matrix interference suspected.

Laboratory Control Sample Results

VOC solid: Due to standard availability the solid LCS/LCSD contains only a subset of the target analytes. The results are acceptable. To demonstrate acceptable method performance for all analytes, an aqueous LCS/LCSD is also provided. The results are acceptable.

VOC: The LCSD 1930 did not meet the acceptance criteria for 2,2-dichloropropane. This compounds is known to be problematic in the method. The recovery was acceptable in the LCS.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Metals: The percent recovery for mercury in the matrix spike (15945-003) was 40%, outside the acceptance criteria of 75-125%. All other batch QC was within acceptance. Matrix interference is suspected.

SVOC: The percent recovery for the matrix spike was below the acceptance criteria of 40-140% for several PAH compounds. The associated QC was within acceptance. Matrix heterogeneity suspected.

Other

QC: A sample association table is provided for cross reference of sample and lab IDs and associated quality control samples.

Quantitation Limits: Due to the amount of solid used in preparation and the percent dry weight, some quantitation limits are higher than those stated in the QAPP. There appears to be several typos in the table containing the VOC quantitation limits. The reported quantitation limits are below the listed action limits.

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

124 Heritage Ave. Portsmouth, NH
Phone: 603-436-2001
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- QC Association Table -

Analysis		QC Number	Field ID	Lab ID
DRO in solids by 8015B	SW3550B8015B			
		1932	TP-7-SB (4.5-6.5)	15945-002
			TP-16-SS (0-0.5)	15945-003
			TP-11-SB (3-4)	15945-005
			TP-11-SB (3-4) DUP	15945-006
			TP-4A-SB (2-3)	15945-011
PAHs in solid by 8270C	SW3550B8270C			
		1931	TP-7-SB (4.5-6.5)	15945-002
			TP-16-SS (0-0.5)	15945-003
			TP-11-SB (3-4)	15945-005
			TP-11-SB (3-4) DUP	15945-006
			TP-1-SB (2.5-4.5)	15945-010
			TP-4A-SB (2-3)	15945-011
VOCs in solid by 8260B	SW5035A8260B			
		1930	TP-7-SB (4.5-6.5)	15945-002
			TP-11-SB (3-4)	15945-005
			TP-11-SB (3-4) DUP	15945-006
			TP-1-SB (2.5-4.5)	15945-010
			TP-4A-SB (2-3)	15945-011
			Trip Blank	15945-012

- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit	RPD	RPD Limit
SW5035A8260B	BLK1930	dichlorodifluoromethane		< 2	ug/L					
		chloromethane		< 2	ug/L					
		vinyl chloride		< 2	ug/L					
		bromomethane		< 2	ug/L					
		chloroethane		< 2	ug/L					
		trichlorofluoromethane		< 2	ug/L					
		diethyl ether		< 10	ug/L					
		acetone		< 10	ug/L					
		1,1-dichloroethene		< 1	ug/L					
		methylene chloride		< 5	ug/L					
		carbon disulfide		< 2	ug/L					
		methyl t-butyl ether (MTBE)		< 2	ug/L					
		trans-1,2-dichloroethene		< 2	ug/L					
		isopropyl ether (DIPE)		< 2	ug/L					
		ethyl t-butyl ether (ETBE)		< 2	ug/L					
		1,1-dichloroethane		< 2	ug/L					
		t-butanol (TBA)		< 40	ug/L					
		2-butanone (MEK)		< 10	ug/L					
		2,2-dichloropropane		< 2	ug/L					
		cis-1,2-dichloroethene		< 2	ug/L					
		chloroform		< 2	ug/L					
		bromochloromethane		< 2	ug/L					
		tetrahydrofuran (THF)		< 10	ug/L					
		1,1,1-trichloroethane		< 2	ug/L					
		1,1-dichloropropene		< 2	ug/L					
		t-amyl-methyl ether (TAME)		< 2	ug/L					
		carbon tetrachloride		< 2	ug/L					
		1,2-dichloroethane		< 2	ug/L					
		benzene		< 2	ug/L					
		trichloroethene		< 2	ug/L					
		1,2-dichloropropane		< 2	ug/L					
		bromodichloromethane		< 2	ug/L					
		1,4-dioxane		< 50	ug/L					
		dibromomethane		< 2	ug/L					
		4-methyl-2-pentanone (MIBK)		< 10	ug/L					
		cis-1,3-dichloropropene		< 2	ug/L					
		toluene		< 2	ug/L					
		trans-1,3-dichloropropene		< 2	ug/L					
		2-hexanone		< 10	ug/L					
		1,1,2-trichloroethane		< 2	ug/L					
		1,3-dichloropropane		< 2	ug/L					
		tetrachloroethene		< 2	ug/L					
		dibromochloromethane		< 2	ug/L					
		1,2-dibromoethane (EDB)		< 2	ug/L					
		chlorobenzene		< 2	ug/L					
		1,1,1,2-tetrachloroethane		< 2	ug/L					
		ethylbenzene		< 2	ug/L					
		m&p-xylenes		< 2	ug/L					
		o-xylene		< 2	ug/L					
		styrene		< 2	ug/L					
		bromoform		< 2	ug/L					

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	BLK1930	isopropylbenzene		< 2	ug/L						
		1,1,2,2-tetrachloroethane		< 2	ug/L						
		1,2,3-trichloropropane		< 2	ug/L						
		n-propylbenzene		< 2	ug/L						
		bromobenzene		< 2	ug/L						
		1,3,5-trimethylbenzene		< 2	ug/L						
		2-chlorotoluene		< 2	ug/L						
		4-chlorotoluene		< 2	ug/L						
		tert-butylbenzene		< 2	ug/L						
		1,2,4-trimethylbenzene		< 2	ug/L						
		sec-butylbenzene		< 2	ug/L						
		1,3-dichlorobenzene		< 2	ug/L						
		4-isopropyltoluene		< 2	ug/L						
		1,4-dichlorobenzene		< 2	ug/L						
		1,2-dichlorobenzene		< 2	ug/L						
		n-butylbenzene		< 2	ug/L						
		1,2-dibromo-3-chloropropane		< 2	ug/L						
		1,2,4-trichlorobenzene		< 2	ug/L						
		1,3,5-trichlorobenzene		< 2	ug/L						
		hexachlorobutadiene		< 2	ug/L						
		naphthalene		< 5	ug/L						
		1,2,3-trichlorobenzene		< 2	ug/L						
		dibromofluoromethane SUR		96	%			78	114		
		toluene-D8 SUR		101	%			88	110		
		4-bromofluorobenzene SUR		88	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	LCS1930	dichlorodifluoromethane			17 ug/L	20	83	70	130		
		chloromethane			20 ug/L	20	99	70	130		
		vinyl chloride			19 ug/L	20	96	70	130		
		bromomethane			23 ug/L	20	115	70	130		
		chloroethane			19 ug/L	20	94	70	130		
		trichlorofluoromethane			20 ug/L	20	99	70	130		
		diethyl ether			20 ug/L	20	101	70	130		
		acetone			21 ug/L	20	107	70	130		
		1,1-dichloroethene			19 ug/L	20	97	70	130		
		methylene chloride			20 ug/L	20	99	70	130		
		carbon disulfide			17 ug/L	20	85	70	130		
		methyl t-butyl ether (MTBE)			21 ug/L	20	106	70	130		
		trans-1,2-dichloroethene			20 ug/L	20	98	70	130		
		isopropyl ether (DIPE)			21 ug/L	20	104	70	130		
		ethyl t-butyl ether (ETBE)			21 ug/L	20	103	70	130		
		1,1-dichloroethane			20 ug/L	20	102	70	130		
		t-butanol (TBA)			100 ug/L	100	103	70	130		
		2-butanone (MEK)			21 ug/L	20	106	70	130		
		2,2-dichloropropane			21 ug/L	20	103	70	130		
		cis-1,2-dichloroethene			20 ug/L	20	101	70	130		
		chloroform			20 ug/L	20	100	70	130		
		bromochloromethane			20 ug/L	20	102	70	130		
		tetrahydrofuran (THF)			21 ug/L	20	103	70	130		
		1,1,1-trichloroethane			21 ug/L	20	103	70	130		
		1,1-dichloropropene			21 ug/L	20	105	70	130		
		t-amyl-methyl ether (TAME)			21 ug/L	20	103	70	130		
		carbon tetrachloride			19 ug/L	20	95	70	130		
		1,2-dichloroethane			21 ug/L	20	103	70	130		
		benzene			21 ug/L	20	103	70	130		
		trichloroethene			20 ug/L	20	101	70	130		
		1,2-dichloropropane			20 ug/L	20	100	70	130		
		bromodichloromethane			19 ug/L	20	94	70	130		
		1,4-dioxane		<	50 ug/L	40	114				
		dibromomethane			20 ug/L	20	100	70	130		
		4-methyl-2-pentanone (MIBK)			19 ug/L	20	96	70	130		
		cis-1,3-dichloropropene			18 ug/L	20	91	70	130		
		toluene			20 ug/L	20	101	70	130		
		trans-1,3-dichloropropene			17 ug/L	20	85	70	130		
		2-hexanone			19 ug/L	20	95	70	130		
		1,1,2-trichloroethane			19 ug/L	20	97	70	130		
		1,3-dichloropropane			21 ug/L	20	104	70	130		
		tetrachloroethene			21 ug/L	20	107	70	130		
		dibromochloromethane			18 ug/L	20	88	70	130		
		1,2-dibromoethane (EDB)			19 ug/L	20	94	70	130		
		chlorobenzene			20 ug/L	20	102	70	130		
		1,1,1,2-tetrachloroethane			18 ug/L	20	92	70	130		
		ethylbenzene			20 ug/L	20	102	70	130		
		m&p-xylenes			40 ug/L	40	101	70	130		
		o-xylene			20 ug/L	20	102	70	130		
		styrene			20 ug/L	20	102	70	130		
		bromoform			17 ug/L	20	86	70	130		
		isopropylbenzene			20 ug/L	20	102	70	130		
		1,1,2,2-tetrachloroethane			22 ug/L	20	112	70	130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	LCS1930	1,2,3-trichloropropane		23	ug/L	20	113	70	130		
		n-propylbenzene		24	ug/L	20	120	70	130		
		bromobenzene		23	ug/L	20	115	70	130		
		1,3,5-trimethylbenzene		24	ug/L	20	119	70	130		
		2-chlorotoluene		22	ug/L	20	112	70	130		
		4-chlorotoluene		24	ug/L	20	121	70	130		
		tert-butylbenzene		23	ug/L	20	113	70	130		
		1,2,4-trimethylbenzene		23	ug/L	20	117	70	130		
		sec-butylbenzene		22	ug/L	20	111	70	130		
		1,3-dichlorobenzene		23	ug/L	20	115	70	130		
		4-isopropyltoluene		24	ug/L	20	119	70	130		
		1,4-dichlorobenzene		22	ug/L	20	110	70	130		
		1,2-dichlorobenzene		23	ug/L	20	117	70	130		
		n-butylbenzene		24	ug/L	20	119	70	130		
		1,2-dibromo-3-chloropropane		21	ug/L	20	106	70	130		
		1,2,4-trichlorobenzene		21	ug/L	20	106	70	130		
		1,3,5-trichlorobenzene		22	ug/L	20	111	70	130		
		hexachlorobutadiene		24	ug/L	20	119	70	130		
		naphthalene		20	ug/L	20	100	70	130		
		1,2,3-trichlorobenzene		22	ug/L	20	109	70	130		
		dibromofluoromethane SUR		97	%			78	114		
		toluene-D8 SUR		99	%			88	110		
		4-bromofluorobenzene SUR		98	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R		Limit		RPD		RPD Limit
SW5035A8260B	LCSD1930	dichlorodifluoromethane			16 ug/L	20	78		70	130	6		20
		chloromethane			17 ug/L	20	87		70	130	13		20
		vinyl chloride			19 ug/L	20	94		70	130	2		20
		bromomethane			22 ug/L	20	112		70	130	3		20
		chloroethane			18 ug/L	20	88		70	130	6		20
		trichlorofluoromethane			19 ug/L	20	95		70	130	5		20
		diethyl ether			21 ug/L	20	103		70	130	1		20
		acetone			23 ug/L	20	116		70	130	8		20
		1,1-dichloroethene			17 ug/L	20	85		70	130	13		20
		methylene chloride			20 ug/L	20	99		70	130	0		20
		carbon disulfide			16 ug/L	20	82		70	130	3		20
		methyl t-butyl ether (MTBE)			22 ug/L	20	108		70	130	2		20
		trans-1,2-dichloroethene			19 ug/L	20	96		70	130	2		20
		isopropyl ether (DIPE)			21 ug/L	20	106		70	130	2		20
		ethyl t-butyl ether (ETBE)			21 ug/L	20	106		70	130	2		20
		1,1-dichloroethane			20 ug/L	20	99		70	130	3		20
		t-butanol (TBA)			110 ug/L	100	107		70	130	4		20
		2-butanone (MEK)			21 ug/L	20	106		70	130	1		20
		2,2-dichloropropane			13 ug/L	20	63	*	70	130	47	*	20
		cis-1,2-dichloroethene			20 ug/L	20	98		70	130	3		20
		chloroform			19 ug/L	20	96		70	130	3		20
		bromochloromethane			20 ug/L	20	101		70	130	2		20
		tetrahydrofuran (THF)			21 ug/L	20	106		70	130	2		20
		1,1,1-trichloroethane			20 ug/L	20	98		70	130	6		20
		1,1-dichloropropene			20 ug/L	20	99		70	130	6		20
		t-amyl-methyl ether (TAME)			21 ug/L	20	103		70	130	0		20
		carbon tetrachloride			18 ug/L	20	90		70	130	5		20
		1,2-dichloroethane			20 ug/L	20	99		70	130	4		20
		benzene			20 ug/L	20	99		70	130	3		20
		trichloroethene			19 ug/L	20	96		70	130	5		20
		1,2-dichloropropane			20 ug/L	20	102		70	130	1		20
		bromodichloromethane			19 ug/L	20	95		70	130	0		20
		1,4-dioxane		<	50 ug/L	40	106				7		20
		dibromomethane			20 ug/L	20	99		70	130	1		20
		4-methyl-2-pentanone (MIBK)			19 ug/L	20	94		70	130	2		20
		cis-1,3-dichloropropene			17 ug/L	20	87		70	130	5		20
		toluene			20 ug/L	20	98		70	130	3		20
		trans-1,3-dichloropropene			16 ug/L	20	80		70	130	7		20
		2-hexanone			20 ug/L	20	98		70	130	3		20
		1,1,2-trichloroethane			20 ug/L	20	99		70	130	2		20
		1,3-dichloropropane			21 ug/L	20	103		70	130	1		20
		tetrachloroethene			21 ug/L	20	105		70	130	2		20
		dibromochloromethane			18 ug/L	20	91		70	130	4		20
		1,2-dibromoethane (EDB)			19 ug/L	20	95		70	130	1		20
		chlorobenzene			21 ug/L	20	105		70	130	3		20
		1,1,1,2-tetrachloroethane			19 ug/L	20	95		70	130	3		20
		ethylbenzene			21 ug/L	20	104		70	130	2		20
		m&p-xylenes			41 ug/L	40	102		70	130	1		20
		o-xylene			21 ug/L	20	103		70	130	1		20
		styrene			20 ug/L	20	102		70	130	1		20
		bromoform			17 ug/L	20	87		70	130	1		20
		isopropylbenzene			20 ug/L	20	99		70	130	2		20
		1,1,2,2-tetrachloroethane			22 ug/L	20	109		70	130	2		20

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	LCSD1930	1,2,3-trichloropropane		22	ug/L	20	112	70	130	1	20
		n-propylbenzene		22	ug/L	20	109	70	130	9	20
		bromobenzene		22	ug/L	20	109	70	130	5	20
		1,3,5-trimethylbenzene		21	ug/L	20	105	70	130	13	20
		2-chlorotoluene		21	ug/L	20	103	70	130	8	20
		4-chlorotoluene		22	ug/L	20	109	70	130	11	20
		tert-butylbenzene		22	ug/L	20	109	70	130	4	20
		1,2,4-trimethylbenzene		21	ug/L	20	106	70	130	10	20
		sec-butylbenzene		20	ug/L	20	102	70	130	9	20
		1,3-dichlorobenzene		21	ug/L	20	105	70	130	9	20
		4-isopropyltoluene		22	ug/L	20	109	70	130	8	20
		1,4-dichlorobenzene		20	ug/L	20	102	70	130	7	20
		1,2-dichlorobenzene		22	ug/L	20	109	70	130	8	20
		n-butylbenzene		21	ug/L	20	105	70	130	12	20
		1,2-dibromo-3-chloropropane		22	ug/L	20	110	70	130	4	20
		1,2,4-trichlorobenzene		19	ug/L	20	93	70	130	13	20
		1,3,5-trichlorobenzene		19	ug/L	20	95	70	130	16	20
		hexachlorobutadiene		20	ug/L	20	99	70	130	18	20
		naphthalene		19	ug/L	20	95	70	130	5	20
		1,2,3-trichlorobenzene		20	ug/L	20	100	70	130	8	20
		dibromofluoromethane SUR		101	%			78	114		
		toluene-D8 SUR		100	%			88	110		
		4-bromofluorobenzene SUR		103	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit	RPD	RPD Limit
SW5035A8260B	MB1930	dichlorodifluoromethane	MB326	< 0.1	ug/g					
		chloromethane	MB326	< 0.1	ug/g					
		vinyl chloride	MB326	< 0.1	ug/g					
		bromomethane	MB326	< 0.2	ug/g					
		chloroethane	MB326	< 0.1	ug/g					
		trichlorofluoromethane	MB326	< 0.1	ug/g					
		diethyl ether	MB326	< 0.5	ug/g					
		acetone	MB326	< 2.5	ug/g					
		1,1-dichloroethene	MB326	< 0.1	ug/g					
		methylene chloride	MB326	< 0.2	ug/g					
		carbon disulfide	MB326	< 0.1	ug/g					
		methyl t-butyl ether (MTBE)	MB326	< 0.1	ug/g					
		trans-1,2-dichloroethene	MB326	< 0.1	ug/g					
		isopropyl ether (DIPE)	MB326	< 0.1	ug/g					
		ethyl t-butyl ether (ETBE)	MB326	< 0.1	ug/g					
		1,1-dichloroethane	MB326	< 0.1	ug/g					
		t-butanol (TBA)	MB326	< 2.5	ug/g					
		2-butanone (MEK)	MB326	< 0.5	ug/g					
		2,2-dichloropropane	MB326	< 0.1	ug/g					
		cis-1,2-dichloroethene	MB326	< 0.1	ug/g					
		chloroform	MB326	< 0.1	ug/g					
		bromochloromethane	MB326	< 0.1	ug/g					
		tetrahydrofuran (THF)	MB326	< 0.5	ug/g					
		1,1,1-trichloroethane	MB326	< 0.1	ug/g					
		1,1-dichloropropene	MB326	< 0.1	ug/g					
		t-amyl-methyl ether (TAME)	MB326	< 0.1	ug/g					
		carbon tetrachloride	MB326	< 0.1	ug/g					
		1,2-dichloroethane	MB326	< 0.1	ug/g					
		benzene	MB326	< 0.1	ug/g					
		trichloroethene	MB326	< 0.1	ug/g					
		1,2-dichloropropane	MB326	< 0.1	ug/g					
		bromodichloromethane	MB326	< 0.1	ug/g					
		1,4-dioxane	MB326	< 2.5	ug/g					
		dibromomethane	MB326	< 0.1	ug/g					
		4-methyl-2-pentanone (MIBK)	MB326	< 0.5	ug/g					
		cis-1,3-dichloropropene	MB326	< 0.1	ug/g					
		toluene	MB326	< 0.1	ug/g					
		trans-1,3-dichloropropene	MB326	< 0.1	ug/g					
		2-hexanone	MB326	< 0.5	ug/g					
		1,1,2-trichloroethane	MB326	< 0.1	ug/g					
		1,3-dichloropropane	MB326	< 0.1	ug/g					
		tetrachloroethene	MB326	< 0.1	ug/g					
		dibromochloromethane	MB326	< 0.1	ug/g					
		1,2-dibromoethane (EDB)	MB326	< 0.1	ug/g					
		chlorobenzene	MB326	< 0.1	ug/g					
		1,1,1,2-tetrachloroethane	MB326	< 0.1	ug/g					
		ethylbenzene	MB326	< 0.1	ug/g					
		m&p-xylenes	MB326	0.2	ug/g			2		
		o-xylene	MB326	< 0.1	ug/g					
		styrene	MB326	< 0.1	ug/g					
		bromoform	MB326	< 0.1	ug/g					
		isopropylbenzene	MB326	< 0.1	ug/g					
		1,1,2,2-tetrachloroethane	MB326	< 0.1	ug/g					

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	MB1930	1,2,3-trichloropropane	MB326	< 0.1	ug/g						
		n-propylbenzene	MB326	< 0.1	ug/g						
		bromobenzene	MB326	< 0.1	ug/g						
		1,3,5-trimethylbenzene	MB326	< 0.1	ug/g						
		2-chlorotoluene	MB326	< 0.1	ug/g						
		4-chlorotoluene	MB326	< 0.1	ug/g						
		tert-butylbenzene	MB326	< 0.1	ug/g						
		1,2,4-trimethylbenzene	MB326	< 0.1	ug/g						
		sec-butylbenzene	MB326	< 0.1	ug/g						
		1,3-dichlorobenzene	MB326	< 0.1	ug/g						
		4-isopropyltoluene	MB326	< 0.1	ug/g						
		1,4-dichlorobenzene	MB326	< 0.1	ug/g						
		1,2-dichlorobenzene	MB326	< 0.1	ug/g						
		n-butylbenzene	MB326	< 0.1	ug/g						
		1,2-dibromo-3-chloropropane	MB326	< 0.1	ug/g						
		1,2,4-trichlorobenzene	MB326	< 0.1	ug/g						
		1,3,5-trichlorobenzene	MB326	< 0.1	ug/g						
		hexachlorobutadiene	MB326	< 0.1	ug/g						
		naphthalene	MB326	< 0.2	ug/g						
		1,2,3-trichlorobenzene	MB326	< 0.1	ug/g						
		dibromofluoromethane SUR	MB326	102	%			78	114		
		toluene-D8 SUR	MB326	102	%			88	110		
		4-bromofluorobenzene SUR	MB326	93	%			86	115		
		a,a,a-trifluorotoluene SUR	MB326	101	%			70	130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	MLCS1930	dichlorodifluoromethane	MLCS326	< 0.1	ug/g						
		chloromethane	MLCS326	< 0.1	ug/g						
		vinyl chloride	MLCS326	< 0.1	ug/g						
		bromomethane	MLCS326	< 0.2	ug/g						
		chloroethane	MLCS326	< 0.1	ug/g						
		trichlorofluoromethane	MLCS326	< 0.1	ug/g						
		diethyl ether	MLCS326	< 0.5	ug/g						
		acetone	MLCS326	< 2.5	ug/g						
		1,1-dichloroethene	MLCS326	0.9	ug/g	1	93	70	130		
		methylene chloride	MLCS326	< 0.2	ug/g						
		carbon disulfide	MLCS326	< 0.1	ug/g						
		methyl t-butyl ether (MTBE)	MLCS326	< 0.1	ug/g						
		trans-1,2-dichloroethene	MLCS326	< 0.1	ug/g						
		isopropyl ether (DIPE)	MLCS326	< 0.1	ug/g						
		ethyl t-butyl ether (ETBE)	MLCS326	< 0.1	ug/g						
		1,1-dichloroethane	MLCS326	< 0.1	ug/g						
		t-butanol (TBA)	MLCS326	< 2.5	ug/g						
		2-butanone (MEK)	MLCS326	< 0.5	ug/g						
		2,2-dichloropropane	MLCS326	< 0.1	ug/g						
		cis-1,2-dichloroethene	MLCS326	< 0.1	ug/g						
		chloroform	MLCS326	< 0.1	ug/g						
		bromochloromethane	MLCS326	< 0.1	ug/g						
		tetrahydrofuran (THF)	MLCS326	< 0.5	ug/g						
		1,1,1-trichloroethane	MLCS326	< 0.1	ug/g						
		1,1-dichloropropene	MLCS326	< 0.1	ug/g						
		t-amyl-methyl ether (TAME)	MLCS326	< 0.1	ug/g						
		carbon tetrachloride	MLCS326	< 0.1	ug/g						
		1,2-dichloroethane	MLCS326	< 0.1	ug/g						
		benzene	MLCS326	1.0	ug/g	1	100	70	130		
		trichloroethene	MLCS326	0.9	ug/g	1	90	70	130		
		1,2-dichloropropane	MLCS326	< 0.1	ug/g						
		bromodichloromethane	MLCS326	< 0.1	ug/g						
		1,4-dioxane	MLCS326	< 2.5	ug/g						
		dibromomethane	MLCS326	< 0.1	ug/g						
		4-methyl-2-pentanone (MIBK)	MLCS326	< 0.5	ug/g						
		cis-1,3-dichloropropene	MLCS326	< 0.1	ug/g						
		toluene	MLCS326	1.0	ug/g	1	99	70	130		
		trans-1,3-dichloropropene	MLCS326	< 0.1	ug/g						
		2-hexanone	MLCS326	< 0.5	ug/g						
		1,1,2-trichloroethane	MLCS326	< 0.1	ug/g						
		1,3-dichloropropane	MLCS326	< 0.1	ug/g						
		tetrachloroethene	MLCS326	< 0.1	ug/g						
		dibromochloromethane	MLCS326	< 0.1	ug/g						
		1,2-dibromoethane (EDB)	MLCS326	< 0.1	ug/g						
		chlorobenzene	MLCS326	1.0	ug/g	1	102	70	130		
		1,1,1,2-tetrachloroethane	MLCS326	< 0.1	ug/g						
		ethylbenzene	MLCS326	< 0.1	ug/g						
		m&p-xylenes	MLCS326	0.1	ug/g			70	130		
		o-xylene	MLCS326	< 0.1	ug/g						
		styrene	MLCS326	< 0.1	ug/g						
		bromoform	MLCS326	< 0.1	ug/g						
		isopropylbenzene	MLCS326	< 0.1	ug/g						
		1,1,2,2-tetrachloroethane	MLCS326	< 0.1	ug/g						

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	MLCS1930	1,2,3-trichloropropane	MLCS326	< 0.1	ug/g						
		n-propylbenzene	MLCS326	< 0.1	ug/g						
		bromobenzene	MLCS326	< 0.1	ug/g						
		1,3,5-trimethylbenzene	MLCS326	< 0.1	ug/g						
		2-chlorotoluene	MLCS326	< 0.1	ug/g						
		4-chlorotoluene	MLCS326	< 0.1	ug/g						
		tert-butylbenzene	MLCS326	< 0.1	ug/g						
		1,2,4-trimethylbenzene	MLCS326	< 0.1	ug/g						
		sec-butylbenzene	MLCS326	< 0.1	ug/g						
		1,3-dichlorobenzene	MLCS326	< 0.1	ug/g						
		4-isopropyltoluene	MLCS326	< 0.1	ug/g						
		1,4-dichlorobenzene	MLCS326	< 0.1	ug/g						
		1,2-dichlorobenzene	MLCS326	< 0.1	ug/g						
		n-butylbenzene	MLCS326	< 0.1	ug/g						
		1,2-dibromo-3-chloropropane	MLCS326	< 0.1	ug/g						
		1,2,4-trichlorobenzene	MLCS326	< 0.1	ug/g						
		1,3,5-trichlorobenzene	MLCS326	< 0.1	ug/g						
		hexachlorobutadiene	MLCS326	< 0.1	ug/g						
		naphthalene	MLCS326	< 0.2	ug/g						
		1,2,3-trichlorobenzene	MLCS326	< 0.1	ug/g						
		dibromofluoromethane SUR	MLCS326	101	%			78	114		
		toluene-D8 SUR	MLCS326	100	%			88	110		
		4-bromofluorobenzene SUR	MLCS326	93	%			86	115		
		a,a,a-trifluorotoluene SUR	MLCS326	93	%			70	130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	MLCSD1930	dichlorodifluoromethane	MLCSD326	< 0.1	ug/g						
		chloromethane	MLCSD326	< 0.1	ug/g						
		vinyl chloride	MLCSD326	< 0.1	ug/g						
		bromomethane	MLCSD326	< 0.2	ug/g						
		chloroethane	MLCSD326	< 0.1	ug/g						
		trichlorofluoromethane	MLCSD326	< 0.1	ug/g						
		diethyl ether	MLCSD326	< 0.5	ug/g						
		acetone	MLCSD326	< 2.5	ug/g						
		1,1-dichloroethene	MLCSD326	0.9	ug/g	1	93	70	130	0	30
		methylene chloride	MLCSD326	< 0.2	ug/g						
		carbon disulfide	MLCSD326	< 0.1	ug/g						
		methyl t-butyl ether (MTBE)	MLCSD326	< 0.1	ug/g						
		trans-1,2-dichloroethene	MLCSD326	< 0.1	ug/g						
		isopropyl ether (DIPE)	MLCSD326	< 0.1	ug/g						
		ethyl t-butyl ether (ETBE)	MLCSD326	< 0.1	ug/g						
		1,1-dichloroethane	MLCSD326	< 0.1	ug/g						
		t-butanol (TBA)	MLCSD326	< 2.5	ug/g						
		2-butanone (MEK)	MLCSD326	< 0.5	ug/g						
		2,2-dichloropropane	MLCSD326	< 0.1	ug/g						
		cis-1,2-dichloroethene	MLCSD326	< 0.1	ug/g						
		chloroform	MLCSD326	< 0.1	ug/g						
		bromochloromethane	MLCSD326	< 0.1	ug/g						
		tetrahydrofuran (THF)	MLCSD326	< 0.5	ug/g						
		1,1,1-trichloroethane	MLCSD326	< 0.1	ug/g						
		1,1-dichloropropene	MLCSD326	< 0.1	ug/g						
		t-amyl-methyl ether (TAME)	MLCSD326	< 0.1	ug/g						
		carbon tetrachloride	MLCSD326	< 0.1	ug/g						
		1,2-dichloroethane	MLCSD326	< 0.1	ug/g						
		benzene	MLCSD326	1.0	ug/g	1	100	70	130	0	30
		trichloroethene	MLCSD326	0.9	ug/g	1	90	70	130	0	30
		1,2-dichloropropane	MLCSD326	< 0.1	ug/g						
		bromodichloromethane	MLCSD326	< 0.1	ug/g						
		1,4-dioxane	MLCSD326	< 2.5	ug/g						
		dibromomethane	MLCSD326	< 0.1	ug/g						
		4-methyl-2-pentanone (MIBK)	MLCSD326	< 0.5	ug/g						
		cis-1,3-dichloropropene	MLCSD326	< 0.1	ug/g						
		toluene	MLCSD326	1.0	ug/g	1	97	70	130	1	30
		trans-1,3-dichloropropene	MLCSD326	< 0.1	ug/g						
		2-hexanone	MLCSD326	< 0.5	ug/g						
		1,1,2-trichloroethane	MLCSD326	< 0.1	ug/g						
		1,3-dichloropropane	MLCSD326	< 0.1	ug/g						
		tetrachloroethene	MLCSD326	< 0.1	ug/g						
		dibromochloromethane	MLCSD326	< 0.1	ug/g						
		1,2-dibromoethane (EDB)	MLCSD326	< 0.1	ug/g						
		chlorobenzene	MLCSD326	1.0	ug/g	1	100	70	130	2	30
		1,1,1,2-tetrachloroethane	MLCSD326	< 0.1	ug/g						
		ethylbenzene	MLCSD326	< 0.1	ug/g						
		m&p-xylenes	MLCSD326	0.1	ug/g			70	130		
		o-xylene	MLCSD326	< 0.1	ug/g						
		styrene	MLCSD326	< 0.1	ug/g						
		bromoform	MLCSD326	< 0.1	ug/g						
		isopropylbenzene	MLCSD326	< 0.1	ug/g						
		1,1,2,2-tetrachloroethane	MLCSD326	< 0.1	ug/g						

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5035A8260B	MLCSD1930	1,2,3-trichloropropane	MLCSD326	< 0.1	ug/g						
		n-propylbenzene	MLCSD326	< 0.1	ug/g						
		bromobenzene	MLCSD326	< 0.1	ug/g						
		1,3,5-trimethylbenzene	MLCSD326	< 0.1	ug/g						
		2-chlorotoluene	MLCSD326	< 0.1	ug/g						
		4-chlorotoluene	MLCSD326	< 0.1	ug/g						
		tert-butylbenzene	MLCSD326	< 0.1	ug/g						
		1,2,4-trimethylbenzene	MLCSD326	< 0.1	ug/g						
		sec-butylbenzene	MLCSD326	< 0.1	ug/g						
		1,3-dichlorobenzene	MLCSD326	< 0.1	ug/g						
		4-isopropyltoluene	MLCSD326	< 0.1	ug/g						
		1,4-dichlorobenzene	MLCSD326	< 0.1	ug/g						
		1,2-dichlorobenzene	MLCSD326	< 0.1	ug/g						
		n-butylbenzene	MLCSD326	< 0.1	ug/g						
		1,2-dibromo-3-chloropropane	MLCSD326	< 0.1	ug/g						
		1,2,4-trichlorobenzene	MLCSD326	< 0.1	ug/g						
		1,3,5-trichlorobenzene	MLCSD326	< 0.1	ug/g						
		hexachlorobutadiene	MLCSD326	< 0.1	ug/g						
		naphthalene	MLCSD326	< 0.2	ug/g						
		1,2,3-trichlorobenzene	MLCSD326	< 0.1	ug/g						
		dibromofluoromethane SUR	MLCSD326	100	%			78	114		
		toluene-D8 SUR	MLCSD326	99	%			88	110		
		4-bromofluorobenzene SUR	MLCSD326	92	%			86	115		
		a,a,a-trifluorotoluene SUR	MLCSD326	97	%			70	130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW3550B8015B	BLK1932	Diesel Range Organics (DRO)		< 200	ug/g						
		2-fluorobiphenyl SUR		81	%			40	140		
		o-terphenyl SUR		90	%			40	140		
	LCS1932	Diesel Range Organics (DRO)		2100	ug/g	2500	83	40	140		
		2-fluorobiphenyl SUR		74	%			40	140		
		o-terphenyl SUR		95	%			40	140		
SW3550B8270C	BLK1931	naphthalene		< 0.5	ug/g						
		2-methylnaphthalene		< 0.5	ug/g						
		acenaphthylene		< 0.5	ug/g						
		acenaphthene		< 0.5	ug/g						
		dibenzofuran		< 0.5	ug/g						
		fluorene		< 0.5	ug/g						
		phenanthrene		< 0.5	ug/g						
		anthracene		< 0.5	ug/g						
		fluoranthene		< 0.5	ug/g						
		pyrene		< 0.5	ug/g						
		benzo(a)anthracene		< 0.5	ug/g						
		chrysene		< 0.5	ug/g						
		benzo(b)fluoranthene		< 0.5	ug/g						
		benzo(k)fluoranthene		< 0.5	ug/g						
		benzo(a)pyrene		< 0.2	ug/g						
		indeno(1,2,3-cd)pyrene		< 0.5	ug/g						
		dibenzo(a,h)anthracene		< 0.5	ug/g						
		benzo(g,h,i)perylene		< 0.5	ug/g						
		2-fluorobiphenyl SUR		73	%			43	116		
		o-terphenyl SUR		71	%			33	141		
	LCS1931	naphthalene		4.7	ug/g	4	118	40	140		
		2-methylnaphthalene		4.4	ug/g	4	111	40	140		
		acenaphthylene		4.7	ug/g	4	118	40	140		
		acenaphthene		4.8	ug/g	4	121	40	140		
		dibenzofuran		< 0.5	ug/g						
		fluorene		4.5	ug/g	4	113	40	140		
		phenanthrene		4.8	ug/g	4	119	40	140		
		anthracene		4.7	ug/g	4	117	40	140		
		fluoranthene		4.8	ug/g	4	120	40	140		
		pyrene		4.4	ug/g	4	110	40	140		
		benzo(a)anthracene		4.6	ug/g	4	114	40	140		
		chrysene		4.5	ug/g	4	113	40	140		
		benzo(b)fluoranthene		4.5	ug/g	4	113	40	140		
		benzo(k)fluoranthene		3.7	ug/g	4	94	40	140		
		benzo(a)pyrene		3.9	ug/g	4	99	40	140		
		indeno(1,2,3-cd)pyrene		3.7	ug/g	4	93	40	140		
		dibenzo(a,h)anthracene		3.6	ug/g	4	91	40	140		
		benzo(g,h,i)perylene		4.1	ug/g	4	102	40	140		
		2-fluorobiphenyl SUR		81	%			43	116		
		o-terphenyl SUR		72	%			33	141		

Lab Number 15945 **METALS** **QC REPORT**
Batch QC Results **Solid**

Prep Blank

Analyte	Sample ID #	Result (ug/g)	Reporting Limit (ug/g)
Silver	PBs010809	< 0.35	0.35
Arsenic	PBs010809	< 0.5	0.5
Barium	PBs010809	< 3	3
Cadmium	PBs010809	< 0.3	0.3
Chromium	PBs010809	< 3	3
Lead	PBs010809	< 0.5	0.5
Selenium	PBs010809	< 3	3
Mercury	PBs010909	< 0.03	0.03

Laboratory Control Sample

Analyte	Sample ID #	Result (ug/g)	True Value (ug/g)	Vendor Solid Control Limits (ug/g)
Silver	LCSss010809	29	38.5	25.1 - 51.9
Arsenic	LCSss010809	380	400	292 - 508
Barium	LCSss010809	31	24.8	0.00 - 51.3
Cadmium	LCSss010809	15	15.4	8.71 - 22.0
Chromium	LCSss010809	19	13.6	2.45 - 24.7
Lead	LCSss010809	4800	5111	3753 - 6469
Selenium	LCSss010809	5.8	6.57	0.00 - 18.4
Mercury	LCSs010909	0.0092	0.0100	N/A

Laboratory Control Sample - Duplicate

Analyte	Sample ID #	Result (ug/g)	True Value (ug/g)	Vendor Solid Control Limits (ug/g)
Silver	LCSDss010809	31	38.5	25.1 - 51.9
Arsenic	LCSDss010809	380	400	292 - 508
Barium	LCSDss010809	32	24.8	0.00 - 51.3
Cadmium	LCSDss010809	15	15.4	8.71 - 22.0
Chromium	LCSDss010809	20	13.6	2.45 - 24.7
Lead	LCSDss010809	5000	5111	3753 - 6469
Selenium	LCSDss010809	5.9	6.57	0.00 - 18.4
Mercury	LCSDs010909	0.0099	0.0100	N/A

Relative Percent Difference

Analyte	LCS Recovery	LCSD Recovery	RPD (+/- 20%)
Silver	29	31	7
Arsenic	380	380	0
Barium	31	32	3
Cadmium	15	15	0
Chromium	19	20	5
Lead	4800	5000	4
Selenium	5.8	5.9	2
Mercury	0.0092	0.0099	6

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RL Resource Laboratories, LLC

124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Company Name: Louis Berger Group / GZA
Company Address: 1001 Elm Street, Suite 203 Manchester, NH 03301
Report To: Donald N. Kirkland, PE
Phone #: 603 623-3600 Fax #: 603 624-9463
Invoice To: GZA, 380 Harvey Rd Manchester, NH 03103

Project Name: NHANG Armory Petersboro NH
Project #: 04.0024843.01
Project Location: (NH) MA ME VT Other
Protocol: RGRA SDWA NPDES MCP NHDES OTHER
Reporting Limits: (QAPP) GW-1 S-1 EPA DW Other
Quote #
PO #

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	SOLID	OTHER	Preservation Method: HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER	624/VOC 8260 ☐	VOC 8021 ☐	VOC 8260 MADEP ☐	VPH MADEP ☐	VOC 524.2 ☐	EPH ☒	8270/PAH ☒	8082 PCB ☐	O&G 1664 ☐	pH ☐	TSS ☐	RCRA Metals ☐	Total Metals-list ☐	Dissolved Metals-list ☐	Ammonia ☐	TKN ☐	T-Phosphorus ☐	Cyanide ☐	Nitrate + Nitrite ☐	Nitrate ☐	Corrosivity ☐	TCLP Metals ☐	Subcontract: ☐	Grab (G) or Composite (C)	
15945-01	TP-1-SS(2-4)	3		X						1		12-29-08	8:00	RJS	X					X	X					X												G	DN
-02	TP-7-SS(4.5-6)	3		X						1		12-29-08	9:00	RJS	X					X	X					X												G	
-03	TP-16-SS(0-0.5)	3		X						1		12-29-08	9:50	RJS	X					X	X					X												G	
-04	TP-2-SS(0-0.5)	3		X						1		12-29-08	10:25	RJS	X					X	X					X												G	DN
-05	TP-11-SS(3-4)	3		X						1		12-29-08	10:30	RJS	X					X	X					X												G	
-06	TP11-SS(3-4) Dup	3		X						1		12-29-08	10:30	RJS	X					X	X					X												G	DUP
-07	TP-11-SS(6-6.5)	3		X						1		12-29-08	10:45	RJS	X					X	X					X												G	DN
-08	TP-5-SS(6-6.5)	3		X						1		12-29-08	11:15	RJS	X					X	X					X												G	DN
-09	TP-11-SS(0-0.5)	3		X						1		12-29-08	11:30	RJS	X					X	X					X												G	DN
-10	TP-1-SS(2.5-4.5)	3		X						1		12-29-08	12:45	RJS	X					X	X					X												G	
-11	TP-9A-SS(2-3)	3		X						1		12-24-08	14:30	RJS	X					X	X					X												G	

TAT REQUESTED
Priority (24 hr)** ☐
Expedited (48 hr)** ☐
Standard (10 Business Days) ☐
**Date Needed

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
Donald.Kirkland@GZA.com
rsaunders@louisberger.com

REPORTING INSTRUCTIONS ☐ NO HARD COPY REQUIRED ☐ FAX ☐ EXCEL SPREADSHEET
☒ PDF (e-mail address) Don Kirkland & Robert Saunders ☐ OTHER (specify)

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE °C

CUSTODY RECORD

Relinquished by Sampler:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by Laboratory: Way Bill#:	Date	Time

15945

PAGE____ OF____

RL Resource Laboratories, LLC
124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

Company Name: | Phone #: | FAX #:

Company Address: | Project Info: NH MA ME VT

Report To: | Project Name:

Project #:

Invoice To: | Protocol: RCRA SDWA NPDES MCP NHDES OTHER

ANALYSIS REQUEST

1. ☒ VOC 8260 ☐ VOC 8260 RARES ☐ VOC 8260 MADEP
2. ☐ VOC 624 ☐ VOC BTEX ☐ MBE only
3. ☐ VPH MADEP ☐ 8260 ☐ GRO
4. ☐ VOC 524.2 ☐ VOC 524.2 NH List
5. ☐ TPH ☐ DRO 8015 ☐ MADRO ☐ EPH MADEP ☐ TPH Fingerprint
6. ☐ 8270/PAH ☐ 8270/ABN ☐ 625 ☐ EDB 504.1
7. ☐ 8082 PCB ☐ 8081 Pesticides ☐ 608 Pest/PCB
8. ☐ O&G 1664 ☐ Mineral O&G SM5520F
9. ☐ pH ☐ BOD ☐ Conductivity ☐ Turbidity
10. ☐ TSS ☐ TDS ☐ TS ☐ Alkalinity
11. ☐ RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals
12. ☐ Total Metals-list
13. ☐ Dissolved Metals-list
14. ☐ Ammonia ☐ COD ☐ TKN
15. ☐ T-Phosphorus ☐ Phenol
16. ☐ Cyanide ☐ Sulfide
17. ☐ Nitrate ☐ Nitrite ☐ Ortho P ☐ Sulfate ☐ Bromide ☐ Chloride
18. ☐ Corrosivity ☐ Reactive CN ☐ Reactive S- ☐ Ignitability/FP
19. ☐ TCLP Metals ☐ TCLP VOC ☐ TCLP SVOC ☐ TCLP Pesticide
20. Subcontract: ☐ TOC ☐ Grain Size ☐ TCLP Herbicides
21.
22.
23.
24. Grab (G) or Composite (C)

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	Matrix: SOLID	Matrix: OTHER	Preservation Method: HCl	HNO₃	H₂SO₄	NaOH	MeOH	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER*	Analysis Request
172	TRIP BLANK	1		1						1		12/29/08			X (VOC 8260)

TAT REQUESTED
Priority (24 hr) ☐
Expedited (48 hr) ☐
10 Business Days ☐
Date Needed

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

E-Mail Address ________
Quote # ________
PO # ________

SPECIAL INSTRUCTIONS

REPORTING INSTRUCTIONS
☐ FAX ☐ OTHER (specify) ________
☐ PDF ☐ Excel Spreadsheet

RECEIVED ON ICE ☐ YES ☐ NO
TEMPERATURE _____ °C

CUSTODY RECORD		Date	Time		Date	Time
	Relinquished by Sampler:			Received by:		
	Relinquished by:			Received by:		
	Relinquished by:			Received by Laboratory: Way Bill#:		

(actual size 8x11 in)

Figure A3-1: Sample Chain of Custody

RL Resource Laboratories, LLC

124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

15945

Company Name: Louis Berger Group / GZA

Company Address: 1001 Elm Street, Suite 203 3 LBG Manchester, NH 03301

Report To: Donald N. Kirkland, PE

Phone #: 603 623-3600 Fax #: 603 624-9463

Invoice To: GZA, 380 Harvey Rd Manchester, NH 03103

Project Name: NHANG Armory Peterboro NH

Project #: 04.0024843.01

Project Location: (NH) MA ME VT Other

Protocol: RCRA SDWA NPDES MCP NHDES OTHER

Reporting Limits: (QAPP) GW-1 S-1 EPA DW Other

Quote #

PO #

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	Matrix: SOLID	Matrix: OTHER	Preservation Method: HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER*	ANALYSIS REQUEST: ☒ VOC 8260 ☐ VOC 8260 NHDES ☐ VOC 8260 MADEP	☐ VOC 624 ☐ VOC BTEX ☐ MtBE, only	☐ VPH MADEP ☐ MEGRO ☐ GRO 8015	☐ VOC 524.2 ☐ VOC 524.2 NH List	☒ TPH ☒ DRO 8015 ☐ MEDRO ☐ EPH MADEP ☐ TPH Fingerprint	☒ 8270PAH ☐ 8270ABN ☐ 625 ☐ EDB 504.1	☐ 8082 PCB ☐ 8081 Pesticides ☐ 608 Pest/PCB	☐ O&G 1664 ☐ Mineral O&G SM5520F	☐ pH ☐ BOD ☐ Conductivity ☐ Turbidity	☐ TSS ☐ TDS ☐ TS ☐ Alkalinity	☒ RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals	☐ Total Metals-list	☐ Dissolved Metals-list	☐ Ammonia ☐ COD ☐ TKN ☐ TN ☐ TON	☐ T-Phosphorus ☐ Phenol	☐ Cyanide ☐ Sulfide ☐ Nitrate + Nitrite ☐ Ortho P	☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Sulfate ☐ Bromide ☐ Fluoride	☐ Corrosivity ☐ Reactive CN ☐ Reactive S- ☐ Ignitibility/FP	☐ TCLP Metals ☐ TCLP VOC ☐ TCLP SVOC ☐ TCLP Pesticide	Subcontract: ☐ TOC ☐ Grain Size ☐ TCLP Herbicides	Grab (G) or Composite (C)
15945-01	TP-9-SB (2-6)	3		X						I		12-29-08	800	RJS	X				X	X					X											C
02	TP-7-SB (4.5-6.5)	3		X						I		12-29-08	900	RJS	X				X	X					X											C
03	TP-16-SS (0-0.5)	3		X						I		12-29-08	950	RJS	X				X	X					X											C
04	TP-12-SS (0-0.5)	3		X						I		12-29-08	10:25	RJS	X				X	X					X											C
05	TP-11-SB (3-4)	3		X						I		12-29-08	10:30	RJS	X				X	X					X											C
06	TP11-SB(3-4) Dup	3		X						I		12-29-08	10:30	RJS	X				X	X					X											C
07	TP-11-SS (0-0.5)	3		X						I		12-29-08	10:45	RJS	X				X	X					X											C
08	TP-15-SS (0-0.5)	3		X						I		12-29-08	11:15	RJS	X				X	X					X											C
09	TP-14-SS (0-0.5)	3		X						I		12-29-08	11:20	RJS	X				X	X					X											C
10	TP-1-SB (2.5-4.5)	3		X						I		12-29-08	12:45	RJS	X				X	X					X											C
11	TP-4A-SB (2-3)	3		X						I		12-29-08	14:30	RJS	X				X	X					X											C

Dup

*

D-12 Trip Blank @ 12130108

TAT REQUESTED

Priority (24 hr)** ☐
Expedited (48 hr)** ☐
Standard (10 Business Days) ☐
**Date Needed

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
Donald.Kirkland @ GZA.com
rsaunders @ louis berger.com

REPORTING INSTRUCTIONS ☐ NO HARD COPY REQUIRED ☐ FAX ☐ EXCEL SPREADSHEET
☒ PDF (e-mail address) Don Kirkland & Robert Saunders ☐ OTHER (specify)

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE 4 °C

CUSTODY RECORD

	Relinquished by Sampler:	Relinquished by:	Relinquished by:
Date	12-30-08	12-30-08	
Time	9:00	10:02	

	Received by:	Received by:	Received by Laboratory:
Date	12-29-08		12/30/08
Time	9:00		10:02

Way Bill#:

APPENDIX E

GROUNDWATER ANALYTICAL RESULTS

Laboratory Report

Resource Laboratories, LLC
124 Heritage Avenue #10 Portsmouth, NH 03801

Donald Kirkland
GZA GeoEnvironmental, Inc.
Airpark Business Center
380 Harvey Rd
Manchester, NH 03103-3347

PO Number: None
LabID: 16048
Date Received: 1/30/09

Project: 04.0024843.01 Peterboro NHANG Armory

Attached please find results for the analysis of the samples received on the date referenced above.

Unless otherwise noted in the attached report, the analyses performed met the requirements of Resource Laboratories, LLC Quality Assurance Plan. The Standard Operating Procedures (SOP) are based upon USEPA SW-846, USEPA Methods for Chemical Analysis of Water and Wastewater, Standard Methods for the Examination of Water and Wastewater and other recognized methodologies. The results contained in this report pertain only to the samples as indicated on the chain of custody.

Resource Laboratories, LLC maintains certification with the agencies listed below.

We appreciate the opportunity to provide laboratory services. If you have any questions regarding the enclosed report, please contact the laboratory and we will be glad to assist you.

Sincerely,
Resource Laboratories, LLC

(for) 2/10/09

Susan Sylvester
Principal, General Manager

Date

Total number of pages _____

Resource Laboratories, LLC Certifications

New Hampshire	1732	Massachusetts	M-NH902
Maine	NH903		

Project ID: 04.0024843.01 Peterboro NHANG Armory

Lab ID: 16048

Lab Number: 16048-001

Sample ID: MW-1

Matrix: Water

Sampled: 1/29/09 13:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-001
Sample ID: MW-1
Matrix: Water
Sampled: 1/29/09 13:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	101	78-114	%	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
toluene-D8 SUR	95	88-110	%	1	LMM		0900236	2/5/09	7:02	SW5030B8260B
4-bromofluorobenzene SUR	90	86-115	%	1	LMM		0900236	2/5/09	7:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory

Lab ID: 16048

Lab Number: 16048-002

Sample ID: MW-2

Matrix: Water

Sampled: 1/29/09 11:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-002
Sample ID: MW-2
Matrix: Water
Sampled: 1/29/09 11:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	97	78-114	%	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
toluene-D8 SUR	96	88-110	%	1	LMM		0900236	2/5/09	5:02	SW5030B8260B
4-bromofluorobenzene SUR	93	86-115	%	1	LMM		0900236	2/5/09	5:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-003
Sample ID: MW-3 dup
Matrix: Water
Sampled: 1/29/09 12:25

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048

Lab Number: 16048-003
Sample ID: MW-3 dup
Matrix: Water
Sampled: 1/29/09 12:25

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	99	78-114	%	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
toluene-D8 SUR	94	88-110	%	1	LMM		0900236	2/5/09	6:02	SW5030B8260B
4-bromofluorobenzene SUR	88	86-115	%	1	LMM		0900236	2/5/09	6:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-004
Sample ID: MW-3
Matrix: Water
Sampled: 1/29/09 12:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-004
Sample ID: MW-3
Matrix: Water
Sampled: 1/29/09 12:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	97	78-114	%	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
toluene-D8 SUR	96	88-110	%	1	LMM		0900247	2/6/09	15:52	SW5030B8260B
4-bromofluorobenzene SUR	91	86-115	%	1	LMM		0900247	2/6/09	15:52	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-005
Sample ID: MW-4
Matrix: Water
Sampled: 1/29/09 12:10

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-005
Sample ID: MW-4
Matrix: Water
Sampled: 1/29/09 12:10

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	102	78-114	%	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
toluene-D8 SUR	96	88-110	%	1	LMM		0900236	2/5/09	6:32	SW5030B8260B
4-bromofluorobenzene SUR	87	86-115	%	1	LMM		0900236	2/5/09	6:32	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory

Lab ID: 16048

Lab Number: 16048-006

Sample ID: Equip Blank

Matrix: Water

Sampled: 1/29/09 11:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048

Lab Number: 16048-006
Sample ID: Equip Blank
Matrix: Water
Sampled: 1/29/09 11:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	94	78-114	%	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
toluene-D8 SUR	96	88-110	%	1	LMM		0900236	2/5/09	4:32	SW5030B8260B
4-bromofluorobenzene SUR	90	86-115	%	1	LMM		0900236	2/5/09	4:32	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-007
Sample ID: Trip Blank
Matrix: Water
Sampled: 1/29/09

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
dichlorodifluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
chloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
bromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
chloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
diethyl ether	< 5	5	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
acetone	< 50	50	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
methylene chloride	< 5	5	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
isopropyl ether (DIPE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
ethyl t-butyl ether (ETBE)	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
t-butanol (TBA)	< 30	30	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
chloroform	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
t-amyl-methyl ether (TAME)	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
benzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
trichloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
bromodichloromethane	< 0.6	0.6	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,4-dioxane	< 50	50	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
dibromomethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
toluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
2-hexanone	< 10	10	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048

Lab Number: 16048-007
Sample ID: Trip Blank
Matrix: Water
Sampled: 1/29/09

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
chlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
o-xylene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
styrene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
bromoform	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
isopropylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
n-propylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
bromobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
n-butylbenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,3,5-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
hexachlorobutadiene	< 0.5	0.5	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
naphthalene	< 5	5	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
Surrogate Recovery		**Limits**								
dibromofluoromethane SUR	96	78-114	%	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
toluene-D8 SUR	97	88-110	%	1	LMM		0900236	2/5/09	3:02	SW5030B8260B
4-bromofluorobenzene SUR	90	86-115	%	1	LMM		0900236	2/5/09	3:02	SW5030B8260B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-001
Sample ID: MW-1
Matrix: Water
Sampled: 1/29/09 13:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
naphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
2-methylnaphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
acenaphthylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
acenaphthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
dibenzofuran	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
fluorene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
phenanthrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
benzo(a)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
chrysene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
benzo(b)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
benzo(k)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
benzo(a)pyrene	< 0.2	0.2	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	64	43-116	%	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C
o-terphenyl SUR	70	33-141	%	1	AJD	2/4/09	1976	2/4/09	19:47	SW3510B8270C

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-002
Sample ID: MW-2
Matrix: Water
Sampled: 1/29/09 11:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
naphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
2-methylnaphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
acenaphthylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
acenaphthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
dibenzofuran	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
fluorene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
phenanthrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
benzo(a)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
chrysene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
benzo(b)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
benzo(k)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
benzo(a)pyrene	< 0.2	0.2	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	65	43-116	%	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C
o-terphenyl SUR	76	33-141	%	1	AJD	2/4/09	1976	2/4/09	20:25	SW3510B8270C

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-003
Sample ID: MW-3 dup
Matrix: Water
Sampled: 1/29/09 12:25

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
naphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
2-methylnaphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
acenaphthylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
acenaphthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
dibenzofuran	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
fluorene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
phenanthrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
benzo(a)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
chrysene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
benzo(b)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
benzo(k)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
benzo(a)pyrene	< 0.2	0.2	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	63	43-116	%	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C
o-terphenyl SUR	75	33-141	%	1	AJD	2/4/09	1976	2/4/09	21:02	SW3510B8270C

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-004
Sample ID: MW-3
Matrix: Water
Sampled: 1/29/09 12:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
naphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
2-methylnaphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
acenaphthylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
acenaphthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
dibenzofuran	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
fluorene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
phenanthrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
benzo(a)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
chrysene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
benzo(b)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
benzo(k)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
benzo(a)pyrene	< 0.2	0.2	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	63	43-116	%	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C
o-terphenyl SUR	76	33-141	%	1	AJD	2/4/09	1976	2/4/09	21:40	SW3510B8270C

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-005
Sample ID: MW-4
Matrix: Water
Sampled: 1/29/09 12:10

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
naphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
2-methylnaphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
acenaphthylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
acenaphthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
dibenzofuran	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
fluorene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
phenanthrene	**1.0**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
fluoranthene	**1.6**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
pyrene	**1.9**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
benzo(a)anthracene	**0.8**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
chrysene	**1.0**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
benzo(b)fluoranthene	**0.8**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
benzo(k)fluoranthene	**0.7**	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
benzo(a)pyrene	**0.9**	0.2	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	56	43-116	%	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C
o-terphenyl SUR	59	33-141	%	1	AJD	2/4/09	1976	2/4/09	22:17	SW3510B8270C

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048
Lab Number: 16048-006
Sample ID: Equip Blank
Matrix: Water
Sampled: 1/29/09 11:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Batch	Analysis Date	Time	Reference
naphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
2-methylnaphthalene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
acenaphthylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
acenaphthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
dibenzofuran	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
fluorene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
phenanthrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
benzo(a)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
chrysene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
benzo(b)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
benzo(k)fluoranthene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
benzo(a)pyrene	< 0.2	0.2	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
indeno(1,2,3-cd)pyrene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
dibenzo(a,h)anthracene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
benzo(g,h,i)perylene	< 0.5	0.5	ug/L	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
Surrogate Recovery		**Limits**								
2-fluorobiphenyl SUR	69	43-116	%	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C
o-terphenyl SUR	77	33-141	%	1	AJD	2/4/09	1976	2/4/09	22:55	SW3510B8270C

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048

Lab Number: 16048-001
Sample ID: MW-1
Matrix: Water
Sampled: 1/29/09 13:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
Arsenic	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B
Barium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B
Cadmium	< 0.005	0.005	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B
Chromium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B
Lead	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0900199	1/30/09		SW7470A
Selenium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B
Silver	< 0.007	0.007	mg/L	1	BJS		0900226	2/3/09	15:45	SW3005A6010B

Lab Number: 16048-002
Sample ID: MW-2
Matrix: Water
Sampled: 1/29/09 11:40

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
Arsenic	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B
Barium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B
Cadmium	< 0.005	0.005	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B
Chromium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B
Lead	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0900199	1/30/09		SW7470A
Selenium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B
Silver	< 0.007	0.007	mg/L	1	BJS		0900226	2/3/09	15:49	SW3005A6010B

Lab Number: 16048-003
Sample ID: MW-3 dup
Matrix: Water
Sampled: 1/29/09 12:25

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
Arsenic	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B
Barium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B
Cadmium	< 0.005	0.005	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B
Chromium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B
Lead	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0900199	1/30/09		SW7470A
Selenium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B
Silver	< 0.007	0.007	mg/L	1	BJS		0900226	2/3/09	15:56	SW3005A6010B

Project ID: 04.0024843.01 Peterboro NHANG Armory
Lab ID: 16048

Lab Number: 16048-004
Sample ID: MW-3
Matrix: Water
Sampled: 1/29/09 12:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
Arsenic	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B
Barium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B
Cadmium	< 0.005	0.005	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B
Chromium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B
Lead	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0900199	1/30/09		SW7470A
Selenium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B
Silver	< 0.007	0.007	mg/L	1	BJS		0900226	2/3/09	15:59	SW3005A6010B

Lab Number: 16048-005
Sample ID: MW-4
Matrix: Water
Sampled: 1/29/09 12:10

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
Arsenic	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B
Barium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B
Cadmium	< 0.005	0.005	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B
Chromium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B
Lead	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0900199	1/30/09		SW7470A
Selenium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B
Silver	< 0.007	0.007	mg/L	1	BJS		0900226	2/3/09	16:19	SW3005A6010B

Lab Number: 16048-006
Sample ID: Equip Blank
Matrix: Water
Sampled: 1/29/09 11:00

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis Batch	Analysis Date	Analysis Time	Reference
Arsenic	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B
Barium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B
Cadmium	< 0.005	0.005	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B
Chromium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B
Lead	< 0.008	0.008	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B
Mercury	< 0.0009	0.0009	mg/L	1	BJS		0900199	1/30/09		SW7470A
Selenium	< 0.05	0.05	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B
Silver	< 0.007	0.007	mg/L	1	BJS		0900226	2/3/09	16:23	SW3005A6010B

Quality Control Report

RESOURCE LABORATORIES, LLC

Case Narrative
Lab # 16048

Sample Receiving and Chain of Custody Discrepancies

Samples were received in acceptable condition, at 2 degrees C, on ice, and in accordance with sample handling, preservation and integrity guidelines.
MW-3 and MW-3 DUP did not have sufficient volume to perform the mercury analysis. At the customer's request, sample volume was taken from the PAH sample bottle, filtered at the lab, and preserved for mercury analysis.

Calibration

No exceptions noted.

Method Blank

No exceptions noted.

Surrogate Recoveries

No exceptions noted.

Laboratory Control Sample Results

VOC: The LCS/LCSD0900236 did not meet the acceptance criteria for 2,2-dichloropropane. This compound is known to be problematic in the method. Refer to the QC association table to determine which samples were effected.

Matrix Spike/Matrix Spike Duplicate/Duplicate Results

Not requested for this project.

Other

QC: A sample association table is provided for cross reference of sample and lab IDs and associated quality control samples.

Reporting Limits: Dilutions performed during the analysis are noted on the result pages.

No other exceptions noted.

124 Heritage Ave. Portsmouth, NH
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- QC Association Table -

Analysis	QC Number	Field ID	Lab ID
PAHs in water by 8270C SW3510B8270C			
	1976	MW-1	16048-001
		MW-2	16048-002
		MW-3 dup	16048-003
		MW-3	16048-004
		MW-4	16048-005
		Equip Blank	16048-006
VOCs in water by 8260B SW5030B8260B			
	0900236	MW-1	16048-001
		MW-2	16048-002
		MW-3 dup	16048-003
		MW-4	16048-005
		Equip Blank	16048-006
		Trip Blank	16048-007
VOCs in water by 8260B SW5030B8260B			
	0900247	MW-3	16048-004

- QC Report -

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit	RPD	RPD Limit
SW5030B8260B	BLK0900236	dichlorodifluoromethane		< 2	ug/L					
		chloromethane		< 2	ug/L					
		vinyl chloride		< 2	ug/L					
		bromomethane		< 2	ug/L					
		chloroethane		< 2	ug/L					
		trichlorofluoromethane		< 2	ug/L					
		diethyl ether		< 10	ug/L					
		acetone		< 10	ug/L					
		1,1-dichloroethene		< 1	ug/L					
		methylene chloride		< 5	ug/L					
		carbon disulfide		< 2	ug/L					
		methyl t-butyl ether (MTBE)		< 2	ug/L					
		trans-1,2-dichloroethene		< 2	ug/L					
		isopropyl ether (DIPE)		< 2	ug/L					
		ethyl t-butyl ether (ETBE)		< 2	ug/L					
		1,1-dichloroethane		< 2	ug/L					
		t-butanol (TBA)		< 40	ug/L					
		2-butanone (MEK)		< 10	ug/L					
		2,2-dichloropropane		< 2	ug/L					
		cis-1,2-dichloroethene		< 2	ug/L					
		chloroform		< 2	ug/L					
		bromochloromethane		< 2	ug/L					
		tetrahydrofuran (THF)		< 10	ug/L					
		1,1,1-trichloroethane		< 2	ug/L					
		1,1-dichloropropene		< 2	ug/L					
		t-amyl-methyl ether (TAME)		< 2	ug/L					
		carbon tetrachloride		< 2	ug/L					
		1,2-dichloroethane		< 2	ug/L					
		benzene		< 2	ug/L					
		trichloroethene		< 2	ug/L					
		1,2-dichloropropane		< 2	ug/L					
		bromodichloromethane		< 2	ug/L					
		1,4-dioxane		< 50	ug/L					
		dibromomethane		< 2	ug/L					
		4-methyl-2-pentanone (MIBK)		< 10	ug/L					
		cis-1,3-dichloropropene		< 2	ug/L					
		toluene		< 2	ug/L					
		trans-1,3-dichloropropene		< 2	ug/L					
		2-hexanone		< 10	ug/L					
		1,1,2-trichloroethane		< 2	ug/L					
		1,3-dichloropropane		< 2	ug/L					
		tetrachloroethene		< 2	ug/L					
		dibromochloromethane		< 2	ug/L					
		1,2-dibromoethane (EDB)		< 2	ug/L					
		chlorobenzene		< 2	ug/L					
		1,1,1,2-tetrachloroethane		< 2	ug/L					
		ethylbenzene		< 2	ug/L					
		m&p-xylenes		< 2	ug/L					
		o-xylene		< 2	ug/L					
		styrene		< 2	ug/L					
		bromoform		< 2	ug/L					

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit	RPD	RPD Limit
SW5030B8260B	BLK0900236	isopropylbenzene		< 2	ug/L					
		1,1,2,2-tetrachloroethane		< 2	ug/L					
		1,2,3-trichloropropane		< 2	ug/L					
		n-propylbenzene		< 2	ug/L					
		bromobenzene		< 2	ug/L					
		1,3,5-trimethylbenzene		< 2	ug/L					
		2-chlorotoluene		< 2	ug/L					
		4-chlorotoluene		< 2	ug/L					
		tert-butylbenzene		< 2	ug/L					
		1,2,4-trimethylbenzene		< 2	ug/L					
		sec-butylbenzene		< 2	ug/L					
		1,3-dichlorobenzene		< 2	ug/L					
		4-isopropyltoluene		< 2	ug/L					
		1,4-dichlorobenzene		< 2	ug/L					
		1,2-dichlorobenzene		< 2	ug/L					
		n-butylbenzene		< 2	ug/L					
		1,2-dibromo-3-chloropropane		< 2	ug/L					
		1,2,4-trichlorobenzene		< 2	ug/L					
		1,3,5-trichlorobenzene		< 2	ug/L					
		hexachlorobutadiene		< 2	ug/L					
		naphthalene		< 5	ug/L					
		1,2,3-trichlorobenzene		< 2	ug/L					
		dibromofluoromethane SUR		98	%			78 114		
		toluene-D8 SUR		98	%			88 110		
		4-bromofluorobenzene SUR		92	%			86 115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R		Limit		RPD	RPD Limit
SW5030B8260B	LCS0900236	dichlorodifluoromethane			18 ug/L	20	91		70	130		
		chloromethane			15 ug/L	20	75		70	130		
		vinyl chloride			17 ug/L	20	83		70	130		
		bromomethane			23 ug/L	20	117		70	130		
		chloroethane			19 ug/L	20	93		70	130		
		trichlorofluoromethane			19 ug/L	20	96		70	130		
		diethyl ether			21 ug/L	20	106		70	130		
		acetone			25 ug/L	20	123		70	130		
		1,1-dichloroethene			20 ug/L	20	98		70	130		
		methylene chloride			22 ug/L	20	110		70	130		
		carbon disulfide			16 ug/L	20	82		70	130		
		methyl t-butyl ether (MTBE)			21 ug/L	20	107		70	130		
		trans-1,2-dichloroethene			20 ug/L	20	99		70	130		
		isopropyl ether (DIPE)			21 ug/L	20	106		70	130		
		ethyl t-butyl ether (ETBE)			24 ug/L	20	118		70	130		
		1,1-dichloroethane			20 ug/L	20	99		70	130		
		t-butanol (TBA)			110 ug/L	100	108		70	130		
		2-butanone (MEK)			20 ug/L	20	99		70	130		
		2,2-dichloropropane			12 ug/L	20	61	*	70	130		
		cis-1,2-dichloroethene			20 ug/L	20	100		70	130		
		chloroform			19 ug/L	20	95		70	130		
		bromochloromethane			20 ug/L	20	101		70	130		
		tetrahydrofuran (THF)			20 ug/L	20	102		70	130		
		1,1,1-trichloroethane			16 ug/L	20	81		70	130		
		1,1-dichloropropene			20 ug/L	20	102		70	130		
		t-amyl-methyl ether (TAME)			18 ug/L	20	88		70	130		
		carbon tetrachloride			14 ug/L	20	72		70	130		
		1,2-dichloroethane			21 ug/L	20	104		70	130		
		benzene			22 ug/L	20	110		70	130		
		trichloroethene			20 ug/L	20	100		70	130		
		1,2-dichloropropane			20 ug/L	20	102		70	130		
		bromodichloromethane			18 ug/L	20	90		70	130		
		1,4-dioxane		<	50 ug/L	40	105					
		dibromomethane			20 ug/L	20	100		70	130		
		4-methyl-2-pentanone (MIBK)			18 ug/L	20	89		70	130		
		cis-1,3-dichloropropene			15 ug/L	20	77		70	130		
		toluene			20 ug/L	20	101		70	130		
		trans-1,3-dichloropropene			17 ug/L	20	84		70	130		
		2-hexanone			20 ug/L	20	98		70	130		
		1,1,2-trichloroethane			21 ug/L	20	103		70	130		
		1,3-dichloropropane			22 ug/L	20	110		70	130		
		tetrachloroethene			22 ug/L	20	109		70	130		
		dibromochloromethane			14 ug/L	20	72		70	130		
		1,2-dibromoethane (EDB)			18 ug/L	20	91		70	130		
		chlorobenzene			22 ug/L	20	112		70	130		
		1,1,1,2-tetrachloroethane			15 ug/L	20	74		70	130		
		ethylbenzene			22 ug/L	20	111		70	130		
		m&p-xylenes			41 ug/L	40	103		70	130		
		o-xylene			21 ug/L	20	106		70	130		
		styrene			21 ug/L	20	104		70	130		
		bromoform			17 ug/L	20	84		70	130		
		isopropylbenzene			20 ug/L	20	99		70	130		
		1,1,2,2-tetrachloroethane			21 ug/L	20	103		70	130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	LCS0900236	1,2,3-trichloropropane		23	ug/L	20	116	70	130		
		n-propylbenzene		20	ug/L	20	98	70	130		
		bromobenzene		22	ug/L	20	109	70	130		
		1,3,5-trimethylbenzene		21	ug/L	20	104	70	130		
		2-chlorotoluene		21	ug/L	20	104	70	130		
		4-chlorotoluene		21	ug/L	20	104	70	130		
		tert-butylbenzene		19	ug/L	20	94	70	130		
		1,2,4-trimethylbenzene		21	ug/L	20	103	70	130		
		sec-butylbenzene		19	ug/L	20	97	70	130		
		1,3-dichlorobenzene		23	ug/L	20	113	70	130		
		4-isopropyltoluene		21	ug/L	20	104	70	130		
		1,4-dichlorobenzene		22	ug/L	20	110	70	130		
		1,2-dichlorobenzene		21	ug/L	20	103	70	130		
		n-butylbenzene		20	ug/L	20	98	70	130		
		1,2-dibromo-3-chloropropane		20	ug/L	20	102	70	130		
		1,2,4-trichlorobenzene		17	ug/L	20	86	70	130		
		1,3,5-trichlorobenzene		19	ug/L	20	95	70	130		
		hexachlorobutadiene		19	ug/L	20	95	70	130		
		naphthalene		24	ug/L	20	119	70	130		
		1,2,3-trichlorobenzene		20	ug/L	20	98	70	130		
		dibromofluoromethane SUR		98	%			78	114		
		toluene-D8 SUR		100	%			88	110		
		4-bromofluorobenzene SUR		106	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R		Limit		RPD	RPD Limit
SW5030B8260B	LCSD0900236	dichlorodifluoromethane			18 ug/L	20	90		70	130	1	20
		chloromethane			15 ug/L	20	73		70	130	4	20
		vinyl chloride			17 ug/L	20	83		70	130	1	20
		bromomethane			23 ug/L	20	117		70	130	0	20
		chloroethane			18 ug/L	20	92		70	130	0	20
		trichlorofluoromethane			19 ug/L	20	96		70	130	0	20
		diethyl ether			21 ug/L	20	104		70	130	3	20
		acetone			22 ug/L	20	109		70	130	12	20
		1,1-dichloroethene			19 ug/L	20	93		70	130	5	20
		methylene chloride			21 ug/L	20	107		70	130	3	20
		carbon disulfide			16 ug/L	20	81		70	130	1	20
		methyl t-butyl ether (MTBE)			21 ug/L	20	104		70	130	3	20
		trans-1,2-dichloroethene			19 ug/L	20	96		70	130	2	20
		isopropyl ether (DIPE)			21 ug/L	20	103		70	130	3	20
		ethyl t-butyl ether (ETBE)			24 ug/L	20	119		70	130	1	20
		1,1-dichloroethane			19 ug/L	20	97		70	130	2	20
		t-butanol (TBA)			90 ug/L	100	90		70	130	18	20
		2-butanone (MEK)			18 ug/L	20	88		70	130	11	20
		2,2-dichloropropane			13 ug/L	20	63	*	70	130	4	20
		cis-1,2-dichloroethene			20 ug/L	20	99		70	130	1	20
		chloroform			19 ug/L	20	93		70	130	2	20
		bromochloromethane			20 ug/L	20	99		70	130	2	20
		tetrahydrofuran (THF)			18 ug/L	20	90		70	130	12	20
		1,1,1-trichloroethane			17 ug/L	20	84		70	130	3	20
		1,1-dichloropropene			20 ug/L	20	100		70	130	2	20
		t-amyl-methyl ether (TAME)			18 ug/L	20	89		70	130	1	20
		carbon tetrachloride			15 ug/L	20	76		70	130	6	20
		1,2-dichloroethane			21 ug/L	20	104		70	130	0	20
		benzene			22 ug/L	20	109		70	130	1	20
		trichloroethene			19 ug/L	20	97		70	130	4	20
		1,2-dichloropropane			20 ug/L	20	100		70	130	2	20
		bromodichloromethane			19 ug/L	20	93		70	130	3	20
		1,4-dioxane		<	50 ug/L	40	87				18	20
		dibromomethane			19 ug/L	20	97		70	130	3	20
		4-methyl-2-pentanone (MIBK)			16 ug/L	20	81		70	130	9	20
		cis-1,3-dichloropropene			16 ug/L	20	79		70	130	4	20
		toluene			20 ug/L	20	100		70	130	2	20
		trans-1,3-dichloropropene			18 ug/L	20	88		70	130	4	20
		2-hexanone			18 ug/L	20	89		70	130	9	20
		1,1,2-trichloroethane			20 ug/L	20	102		70	130	2	20
		1,3-dichloropropane			21 ug/L	20	106		70	130	4	20
		tetrachloroethene			22 ug/L	20	108		70	130	1	20
		dibromochloromethane			15 ug/L	20	76		70	130	5	20
		1,2-dibromoethane (EDB)			18 ug/L	20	92		70	130	1	20
		chlorobenzene			22 ug/L	20	109		70	130	2	20
		1,1,1,2-tetrachloroethane			16 ug/L	20	79		70	130	7	20
		ethylbenzene			22 ug/L	20	108		70	130	3	20
		m&p-xylenes			41 ug/L	40	102		70	130	2	20
		o-xylene			21 ug/L	20	104		70	130	2	20
		styrene			21 ug/L	20	103		70	130	1	20
		bromoform			17 ug/L	20	87		70	130	3	20
		isopropylbenzene			19 ug/L	20	96		70	130	3	20
		1,1,2,2-tetrachloroethane			21 ug/L	20	104		70	130	2	20

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	LCSD0900236	1,2,3-trichloropropane		22	ug/L	20	112	70	130	3	20
		n-propylbenzene		20	ug/L	20	99	70	130	1	20
		bromobenzene		22	ug/L	20	109	70	130	0	20
		1,3,5-trimethylbenzene		21	ug/L	20	104	70	130	1	20
		2-chlorotoluene		21	ug/L	20	104	70	130	0	20
		4-chlorotoluene		21	ug/L	20	104	70	130	0	20
		tert-butylbenzene		19	ug/L	20	94	70	130	1	20
		1,2,4-trimethylbenzene		20	ug/L	20	101	70	130	2	20
		sec-butylbenzene		19	ug/L	20	97	70	130	0	20
		1,3-dichlorobenzene		22	ug/L	20	111	70	130	2	20
		4-isopropyltoluene		20	ug/L	20	102	70	130	2	20
		1,4-dichlorobenzene		22	ug/L	20	108	70	130	2	20
		1,2-dichlorobenzene		20	ug/L	20	101	70	130	2	20
		n-butylbenzene		19	ug/L	20	95	70	130	3	20
		1,2-dibromo-3-chloropropane		21	ug/L	20	105	70	130	3	20
		1,2,4-trichlorobenzene		17	ug/L	20	84	70	130	2	20
		1,3,5-trichlorobenzene		20	ug/L	20	99	70	130	5	20
		hexachlorobutadiene		19	ug/L	20	97	70	130	1	20
		naphthalene		23	ug/L	20	114	70	130	4	20
		1,2,3-trichlorobenzene		19	ug/L	20	94	70	130	4	20
		dibromofluoromethane SUR		98	%			78	114		
		toluene-D8 SUR		101	%			88	110		
		4-bromofluorobenzene SUR		105	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit	RPD	RPD Limit
SW5030B8260B	BLK0900247	dichlorodifluoromethane		< 2	ug/L					
		chloromethane		< 2	ug/L					
		vinyl chloride		< 2	ug/L					
		bromomethane		< 2	ug/L					
		chloroethane		< 2	ug/L					
		trichlorofluoromethane		< 2	ug/L					
		diethyl ether		< 10	ug/L					
		acetone		< 10	ug/L					
		1,1-dichloroethene		< 1	ug/L					
		methylene chloride		< 5	ug/L					
		carbon disulfide		< 2	ug/L					
		methyl t-butyl ether (MTBE)		< 2	ug/L					
		trans-1,2-dichloroethene		< 2	ug/L					
		isopropyl ether (DIPE)		< 2	ug/L					
		ethyl t-butyl ether (ETBE)		< 2	ug/L					
		1,1-dichloroethane		< 2	ug/L					
		t-butanol (TBA)		< 40	ug/L					
		2-butanone (MEK)		< 10	ug/L					
		2,2-dichloropropane		< 2	ug/L					
		cis-1,2-dichloroethene		< 2	ug/L					
		chloroform		< 2	ug/L					
		bromochloromethane		< 2	ug/L					
		tetrahydrofuran (THF)		< 10	ug/L					
		1,1,1-trichloroethane		< 2	ug/L					
		1,1-dichloropropene		< 2	ug/L					
		t-amyl-methyl ether (TAME)		< 2	ug/L					
		carbon tetrachloride		< 2	ug/L					
		1,2-dichloroethane		< 2	ug/L					
		benzene		< 2	ug/L					
		trichloroethene		< 2	ug/L					
		1,2-dichloropropane		< 2	ug/L					
		bromodichloromethane		< 2	ug/L					
		1,4-dioxane		< 50	ug/L					
		dibromomethane		< 2	ug/L					
		4-methyl-2-pentanone (MIBK)		< 10	ug/L					
		cis-1,3-dichloropropene		< 2	ug/L					
		toluene		< 2	ug/L					
		trans-1,3-dichloropropene		< 2	ug/L					
		2-hexanone		< 10	ug/L					
		1,1,2-trichloroethane		< 2	ug/L					
		1,3-dichloropropane		< 2	ug/L					
		tetrachloroethene		< 2	ug/L					
		dibromochloromethane		< 2	ug/L					
		1,2-dibromoethane (EDB)		< 2	ug/L					
		chlorobenzene		< 2	ug/L					
		1,1,1,2-tetrachloroethane		< 2	ug/L					
		ethylbenzene		< 2	ug/L					
		m&p-xylenes		< 2	ug/L					
		o-xylene		< 2	ug/L					
		styrene		< 2	ug/L					
		bromoform		< 2	ug/L					
		isopropylbenzene		< 2	ug/L					
		1,1,2,2-tetrachloroethane		< 2	ug/L					

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	BLK0900247	1,2,3-trichloropropane		< 2	ug/L						
		n-propylbenzene		< 2	ug/L						
		bromobenzene		< 2	ug/L						
		1,3,5-trimethylbenzene		< 2	ug/L						
		2-chlorotoluene		< 2	ug/L						
		4-chlorotoluene		< 2	ug/L						
		tert-butylbenzene		< 2	ug/L						
		1,2,4-trimethylbenzene		< 2	ug/L						
		sec-butylbenzene		< 2	ug/L						
		1,3-dichlorobenzene		< 2	ug/L						
		4-isopropyltoluene		< 2	ug/L						
		1,4-dichlorobenzene		< 2	ug/L						
		1,2-dichlorobenzene		< 2	ug/L						
		n-butylbenzene		< 2	ug/L						
		1,2-dibromo-3-chloropropane		< 2	ug/L						
		1,2,4-trichlorobenzene		< 2	ug/L						
		1,3,5-trichlorobenzene		< 2	ug/L						
		hexachlorobutadiene		< 2	ug/L						
		naphthalene		< 5	ug/L						
		1,2,3-trichlorobenzene		< 2	ug/L						
		dibromofluoromethane SUR		94	%			78	114		
		toluene-D8 SUR		96	%			88	110		
		4-bromofluorobenzene SUR		89	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	LCS0900247	dichlorodifluoromethane			19 ug/L	20	93	70	130		
		chloromethane			15 ug/L	20	75	70	130		
		vinyl chloride			18 ug/L	20	88	70	130		
		bromomethane			23 ug/L	20	116	70	130		
		chloroethane			18 ug/L	20	91	70	130		
		trichlorofluoromethane			20 ug/L	20	99	70	130		
		diethyl ether			21 ug/L	20	106	70	130		
		acetone			20 ug/L	20	100	70	130		
		1,1-dichloroethene			20 ug/L	20	100	70	130		
		methylene chloride			21 ug/L	20	106	70	130		
		carbon disulfide			17 ug/L	20	87	70	130		
		methyl t-butyl ether (MTBE)			21 ug/L	20	105	70	130		
		trans-1,2-dichloroethene			20 ug/L	20	102	70	130		
		isopropyl ether (DIPE)			21 ug/L	20	106	70	130		
		ethyl t-butyl ether (ETBE)			22 ug/L	20	108	70	130		
		1,1-dichloroethane			20 ug/L	20	101	70	130		
		t-butanol (TBA)			83 ug/L	100	83	70	130		
		2-butanone (MEK)			17 ug/L	20	84	70	130		
		2,2-dichloropropane			19 ug/L	20	95	70	130		
		cis-1,2-dichloroethene			20 ug/L	20	101	70	130		
		chloroform			20 ug/L	20	98	70	130		
		bromochloromethane			20 ug/L	20	102	70	130		
		tetrahydrofuran (THF)			17 ug/L	20	86	70	130		
		1,1,1-trichloroethane			17 ug/L	20	85	70	130		
		1,1-dichloropropene			21 ug/L	20	106	70	130		
		t-amyl-methyl ether (TAME)			16 ug/L	20	82	70	130		
		carbon tetrachloride			16 ug/L	20	82	70	130		
		1,2-dichloroethane			21 ug/L	20	106	70	130		
		benzene			23 ug/L	20	113	70	130		
		trichloroethene			21 ug/L	20	104	70	130		
		1,2-dichloropropane			20 ug/L	20	102	70	130		
		bromodichloromethane			20 ug/L	20	100	70	130		
		1,4-dioxane		<	50 ug/L	40	81				
		dibromomethane			20 ug/L	20	102	70	130		
		4-methyl-2-pentanone (MIBK)			16 ug/L	20	79	70	130		
		cis-1,3-dichloropropene			18 ug/L	20	88	70	130		
		toluene			21 ug/L	20	103	70	130		
		trans-1,3-dichloropropene			19 ug/L	20	97	70	130		
		2-hexanone			18 ug/L	20	88	70	130		
		1,1,2-trichloroethane			21 ug/L	20	106	70	130		
		1,3-dichloropropane			22 ug/L	20	109	70	130		
		tetrachloroethene			22 ug/L	20	111	70	130		
		dibromochloromethane			16 ug/L	20	82	70	130		
		1,2-dibromoethane (EDB)			18 ug/L	20	91	70	130		
		chlorobenzene			22 ug/L	20	112	70	130		
		1,1,1,2-tetrachloroethane			17 ug/L	20	85	70	130		
		ethylbenzene			23 ug/L	20	113	70	130		
		m&p-xylenes			43 ug/L	40	106	70	130		
		o-xylene			22 ug/L	20	108	70	130		
		styrene			21 ug/L	20	106	70	130		
		bromoform			19 ug/L	20	97	70	130		
		isopropylbenzene			21 ug/L	20	103	70	130		
		1,1,2,2-tetrachloroethane			21 ug/L	20	103	70	130		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	LCS0900247	1,2,3-trichloropropane		23	ug/L	20	114	70	130		
		n-propylbenzene		21	ug/L	20	103	70	130		
		bromobenzene		22	ug/L	20	112	70	130		
		1,3,5-trimethylbenzene		22	ug/L	20	108	70	130		
		2-chlorotoluene		21	ug/L	20	107	70	130		
		4-chlorotoluene		22	ug/L	20	110	70	130		
		tert-butylbenzene		19	ug/L	20	94	70	130		
		1,2,4-trimethylbenzene		21	ug/L	20	105	70	130		
		sec-butylbenzene		20	ug/L	20	100	70	130		
		1,3-dichlorobenzene		23	ug/L	20	115	70	130		
		4-isopropyltoluene		21	ug/L	20	105	70	130		
		1,4-dichlorobenzene		22	ug/L	20	112	70	130		
		1,2-dichlorobenzene		21	ug/L	20	105	70	130		
		n-butylbenzene		20	ug/L	20	100	70	130		
		1,2-dibromo-3-chloropropane		20	ug/L	20	100	70	130		
		1,2,4-trichlorobenzene		18	ug/L	20	91	70	130		
		1,3,5-trichlorobenzene		21	ug/L	20	103	70	130		
		hexachlorobutadiene		20	ug/L	20	102	70	130		
		naphthalene		23	ug/L	20	117	70	130		
		1,2,3-trichlorobenzene		20	ug/L	20	102	70	130		
		dibromofluoromethane SUR		96	%			78	114		
		toluene-D8 SUR		102	%			88	110		
		4-bromofluorobenzene SUR		105	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	LCSD0900247	dichlorodifluoromethane			20 ug/L	20	98	70	130	5	20
		chloromethane			18 ug/L	20	89	70	130	18	20
		vinyl chloride			18 ug/L	20	90	70	130	2	20
		bromomethane			25 ug/L	20	125	70	130	8	20
		chloroethane			21 ug/L	20	107	70	130	16	20
		trichlorofluoromethane			20 ug/L	20	102	70	130	3	20
		diethyl ether			21 ug/L	20	106	70	130	0	20
		acetone			19 ug/L	20	96	70	130	4	20
		1,1-dichloroethene			20 ug/L	20	100	70	130	0	20
		methylene chloride			22 ug/L	20	110	70	130	4	20
		carbon disulfide			18 ug/L	20	88	70	130	1	20
		methyl t-butyl ether (MTBE)			21 ug/L	20	105	70	130	0	20
		trans-1,2-dichloroethene			21 ug/L	20	103	70	130	1	20
		isopropyl ether (DIPE)			21 ug/L	20	107	70	130	1	20
		ethyl t-butyl ether (ETBE)			23 ug/L	20	113	70	130	5	20
		1,1-dichloroethane			20 ug/L	20	99	70	130	2	20
		t-butanol (TBA)			84 ug/L	100	84	70	130	2	20
		2-butanone (MEK)			17 ug/L	20	83	70	130	2	20
		2,2-dichloropropane			20 ug/L	20	102	70	130	7	20
		cis-1,2-dichloroethene			21 ug/L	20	103	70	130	2	20
		chloroform			20 ug/L	20	98	70	130	0	20
		bromochloromethane			21 ug/L	20	103	70	130	1	20
		tetrahydrofuran (THF)			18 ug/L	20	88	70	130	2	20
		1,1,1-trichloroethane			18 ug/L	20	90	70	130	6	20
		1,1-dichloropropene			21 ug/L	20	106	70	130	0	20
		t-amyl-methyl ether (TAME)			17 ug/L	20	86	70	130	5	20
		carbon tetrachloride			18 ug/L	20	88	70	130	7	20
		1,2-dichloroethane			21 ug/L	20	106	70	130	0	20
		benzene			23 ug/L	20	113	70	130	0	20
		trichloroethene			21 ug/L	20	105	70	130	1	20
		1,2-dichloropropane			21 ug/L	20	105	70	130	2	20
		bromodichloromethane			20 ug/L	20	102	70	130	2	20
		1,4-dioxane		<	50 ug/L	40	83			2	20
		dibromomethane			20 ug/L	20	101	70	130	0	20
		4-methyl-2-pentanone (MIBK)			16 ug/L	20	79	70	130	0	20
		cis-1,3-dichloropropene			18 ug/L	20	92	70	130	5	20
		toluene			21 ug/L	20	103	70	130	0	20
		trans-1,3-dichloropropene			20 ug/L	20	102	70	130	6	20
		2-hexanone			17 ug/L	20	85	70	130	3	20
		1,1,2-trichloroethane			21 ug/L	20	105	70	130	1	20
		1,3-dichloropropane			22 ug/L	20	109	70	130	0	20
		tetrachloroethene			23 ug/L	20	115	70	130	4	20
		dibromochloromethane			17 ug/L	20	86	70	130	6	20
		1,2-dibromoethane (EDB)			19 ug/L	20	97	70	130	6	20
		chlorobenzene			23 ug/L	20	115	70	130	2	20
		1,1,1,2-tetrachloroethane			18 ug/L	20	90	70	130	6	20
		ethylbenzene			23 ug/L	20	114	70	130	1	20
		m&p-xylenes			43 ug/L	40	108	70	130	1	20
		o-xylene			22 ug/L	20	109	70	130	1	20
		styrene			22 ug/L	20	108	70	130	1	20
		bromoform			20 ug/L	20	100	70	130	3	20
		isopropylbenzene			21 ug/L	20	103	70	130	0	20
		1,1,2,2-tetrachloroethane			21 ug/L	20	103	70	130	1	20

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW5030B8260B	LCSD0900247	1,2,3-trichloropropane		22	ug/L	20	111	70	130	2	20
		n-propylbenzene		21	ug/L	20	105	70	130	2	20
		bromobenzene		23	ug/L	20	113	70	130	0	20
		1,3,5-trimethylbenzene		22	ug/L	20	111	70	130	3	20
		2-chlorotoluene		22	ug/L	20	111	70	130	3	20
		4-chlorotoluene		22	ug/L	20	108	70	130	2	20
		tert-butylbenzene		20	ug/L	20	100	70	130	6	20
		1,2,4-trimethylbenzene		22	ug/L	20	108	70	130	2	20
		sec-butylbenzene		21	ug/L	20	103	70	130	4	20
		1,3-dichlorobenzene		23	ug/L	20	117	70	130	2	20
		4-isopropyltoluene		22	ug/L	20	109	70	130	4	20
		1,4-dichlorobenzene		23	ug/L	20	114	70	130	1	20
		1,2-dichlorobenzene		21	ug/L	20	107	70	130	2	20
		n-butylbenzene		21	ug/L	20	103	70	130	3	20
		1,2-dibromo-3-chloropropane		23	ug/L	20	114	70	130	14	20
		1,2,4-trichlorobenzene		17	ug/L	20	86	70	130	6	20
		1,3,5-trichlorobenzene		21	ug/L	20	104	70	130	2	20
		hexachlorobutadiene		22	ug/L	20	109	70	130	6	20
		naphthalene		22	ug/L	20	112	70	130	4	20
		1,2,3-trichlorobenzene		19	ug/L	20	97	70	130	4	20
		dibromofluoromethane SUR		96	%			78	114		
		toluene-D8 SUR		101	%			88	110		
		4-bromofluorobenzene SUR		103	%			86	115		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW3510B8270C	BLK1976	naphthalene		< 0.5	ug/L						
		2-methylnaphthalene		< 0.5	ug/L						
		acenaphthylene		< 0.5	ug/L						
		acenaphthene		< 0.5	ug/L						
		dibenzofuran		< 0.5	ug/L						
		fluorene		< 0.5	ug/L						
		phenanthrene		< 0.5	ug/L						
		anthracene		< 0.5	ug/L						
		fluoranthene		< 0.5	ug/L						
		pyrene		< 0.5	ug/L						
		benzo(a)anthracene		< 0.5	ug/L						
		chrysene		< 0.5	ug/L						
		benzo(b)fluoranthene		< 0.5	ug/L						
		benzo(k)fluoranthene		< 0.5	ug/L						
		benzo(a)pyrene		< 0.2	ug/L						
		indeno(1,2,3-cd)pyrene		< 0.5	ug/L						
		dibenzo(a,h)anthracene		< 0.5	ug/L						
		benzo(g,h,i)perylene		< 0.5	ug/L						
		2-fluorobiphenyl SUR		57	%			43	116		
		o-terphenyl SUR		70	%			33	141		
	LCS1976	naphthalene		21	ug/L	40	52	40	140		
		2-methylnaphthalene		21	ug/L	40	52	40	140		
		acenaphthylene		24	ug/L	40	60	40	140		
		acenaphthene		23	ug/L	40	58	40	140		
		dibenzofuran		< 0.5	ug/L						
		fluorene		25	ug/L	40	62	40	140		
		phenanthrene		25	ug/L	40	63	40	140		
		anthracene		24	ug/L	40	61	40	140		
		fluoranthene		26	ug/L	40	65	40	140		
		pyrene		29	ug/L	40	73	40	140		
		benzo(a)anthracene		29	ug/L	40	71	40	140		
		chrysene		28	ug/L	40	70	40	140		
		benzo(b)fluoranthene		29	ug/L	40	72	40	140		
		benzo(k)fluoranthene		24	ug/L	40	61	40	140		
		benzo(a)pyrene		25	ug/L	40	64	40	140		
		indeno(1,2,3-cd)pyrene		22	ug/L	40	56	40	140		
		dibenzo(a,h)anthracene		25	ug/L	40	62	40	140		
		benzo(g,h,i)perylene		28	ug/L	40	71	40	140		
		2-fluorobiphenyl SUR		57	%			43	116		
		o-terphenyl SUR		70	%			33	141		

Method	QC ID	Parameter	Associated Sample	Result	Units	Amt Added	%R	Limit		RPD	RPD Limit
SW3510B8270C	LCSD1976	naphthalene		23	ug/L	40	56	40	140	8	20
		2-methylnaphthalene		22	ug/L	40	56	40	140	7	20
		acenaphthylene		26	ug/L	40	65	40	140	9	20
		acenaphthene		24	ug/L	40	61	40	140	5	20
		dibenzofuran		< 0.5	ug/L						20
		fluorene		26	ug/L	40	66	40	140	7	20
		phenanthrene		26	ug/L	40	65	40	140	2	20
		anthracene		25	ug/L	40	64	40	140	4	20
		fluoranthene		26	ug/L	40	64	40	140	0	20
		pyrene		29	ug/L	40	74	40	140	0	20
		benzo(a)anthracene		28	ug/L	40	71	40	140	1	20
		chrysene		28	ug/L	40	71	40	140	2	20
		benzo(b)fluoranthene		28	ug/L	40	69	40	140	3	20
		benzo(k)fluoranthene		25	ug/L	40	62	40	140	2	20
		benzo(a)pyrene		25	ug/L	40	62	40	140	2	20
		indeno(1,2,3-cd)pyrene		22	ug/L	40	56	40	140	1	20
		dibenzo(a,h)anthracene		24	ug/L	40	61	40	140	2	20
		benzo(g,h,i)perylene		28	ug/L	40	70	40	140	1	20
		2-fluorobiphenyl SUR		59	%			43	116		
		o-terphenyl SUR		66	%			33	141		

Lab Number 16048 **METALS** **QC REPORT**
Batch QC Results **Water**

Prep Blank

Analyte	Sample ID #	Result (mg/L)	Reporting Limit (mg/L)
Silver	ICB020309	< 0.007	0.007
Arsenic	ICB020309	< 0.008	0.008
Barium	ICB020309	< 0.05	0.05
Cadmium	ICB020309	< 0.005	0.005
Chromium	ICB020309	< 0.05	0.05
Lead	ICB020309	< 0.008	0.008
Selenium	ICB020309	< 0.05	0.05

Laboratory Control Sample

Analyte	Sample ID #	Result (mg/L)	True Value (mg/L)	%Recovery Control Limits (85-115%)
Silver	ICV020309	0.25	0.25	99
Arsenic	ICV020309	0.51	0.5	103
Barium	ICV020309	0.50	0.5	100
Cadmium	ICV020309	0.50	0.5	101
Chromium	ICV020309	0.49	0.5	98
Lead	ICV020309	0.50	0.5	100
Selenium	ICV020309	0.51	0.5	102

Sample Spike Data (MS)

Analyte	Sample ID #	Sample Result (mg/L)	Spike Sample Result (mg/L)	Spike Amount (mg/L)	%Recovery Control Limits (75-125%)
Silver	16048-01MS	< 0.45	0.45	0.5	91
Arsenic	16048-01MS	< 1.1	1.1	1.0	105
Barium	16048-01MS	< 0.99	0.99	1.0	98
Cadmium	16048-01MS	< 1.0	1.0	1.0	101
Chromium	16048-01MS	< 1	1.0	1.0	100
Lead	16048-01MS	< 1	1.0	1.0	100
Selenium	16048-01MS	< 1.1	1.1	1.0	106

RL Resource Laboratories, LLC

124 Heritage Avenue • Portsmouth, NH 03801
Phone: 603-436-2001 • Fax: 603-430-2100

CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

16048

Company Name: Louis Berger Group / GZA

Company Address: 1001 Elm St. Suite 203 Manchester NH 03101 / 380 Harvey Rd Manchester, NH 03103

Report To: Donald Kirkland – GZA

Phone #: 603-623-3600 Fax #: 6036249463

Invoice To: Donald Kirkland – GZA

Project Name: Peterboro NH ANG Armory

Project #: 04.0024843.01

Project Location: (NH) MA ME VT Other

Protocol: RCRA SDWA NPDES MCP NHDES OTHER

Reporting Limits: (QAPP) GW-1 S-1 EPA DW Other

Quote #

PO #

ANALYSIS REQUEST

☒ VOC 8260 NHDES per QAPP 1/30/09

☐ VOC 8260 MADEP ☐ VOC 624 ☐ VOC BTEX ☐ MtBE, only ☐ VPH MADEP ☐ MEGRO ☐ GRO 8015 ☐ VOC 524.2 ☐ VOC 524.2 NH List ☐ TPH ☐ DRO 8015 ☐ MEDRO ☐ EPH MADEP ☐ TPH Fingerprint ☒ 8270PAH ☐ 8270ABN ☐ 625 ☐ EDB 504.1 ☐ 8082 PCB ☐ 8081 Pesticides ☐ 608 Pest/PCB ☐ O&G 1664 ☐ Mineral O&G SM5520F ☐ pH ☐ BOD ☐ Conductivity ☐ Turbidity ☐ TSS ☐ TDS ☐ TS ☐ Alkalinity ☐ RCRA Metals ☐ Priority Pollutant Metals ☐ TAL Metals ☐ Total Metals-list ☒ Dissolved Metals-list RCRA ☐ Ammonia ☐ COD ☐ TKN ☐ TN ☐ TON ☐ T-Phosphorus ☐ Phenol ☐ Cyanide ☐ Sulfide ☐ Nitrate + Nitrite ☐ Ortho P ☐ Nitrate ☐ Nitrite ☐ Chloride ☐ Sulfate ☐ Bromide ☐ Fluoride ☐ Corrosivity ☐ Reactive CN ☐ Reactive S- ☐ Ignitibility/FP ☐ TCLP Metals ☐ TCLP VOC ☐ TCLP SVOC ☐ TCLP Pesticide Subcontract: ☐ TOC ☐ Grain Size ☐ TCLP Herbicides

SEE NOTE IN SPECIAL INSTRUCTIONS

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix: WATER	SOLID	OTHER	Preservation Method: HCl	HNO_3	H_2SO_4	NaOH	MeOH	OTHER (Specify)	Sampling: DATE	TIME	SAMPLER*	Grab (G) or Composite (C)
160480-01	MW-1	4	X			X	X					1/29/09	13:40	RJS	G
-02	MW-2	4	X			X	X					1/29/09	11:40	RJS	G
-03	MW-3 DUP	4	X			X	X					1/29/09	12:25	RJS	G
-04	MW-3	4	X			X	X					1/29/09	12:30	RJS	G
-05	MW-4	4	X			X	X					1/29/09	12:10	RJS	G
-06	EQUIP BLANK	4	X			X	X					1/29/09	11:00	RJS	G
-07	TRIP BLANK	2	X			X						1/14/09	LAB		G

3 RDS

TAT REQUESTED

Priority (24 hr)** ☐
Expedited (48 hr)** ☐
Standard (10 Business Days) ☐
**Date Needed

* See www.reslabs.com for sample acceptance policy and current accreditation lists.

SPECIAL INSTRUCTIONS
MW-3 Dup had very little HNO_3 in bottle, lab to check preservation pH.
Added 7 drops HNO_3 @RL @ 1/30/09

REPORTING INSTRUCTIONS ☐ NO HARD COPY REQUIRED ☐ FAX ☐ EXCEL SPREADSHEET
☒ PDF (e-mail address) Donald.Kirkland@GZA.com ☐ OTHER (specify) rsaunders@louisberger.com

RECEIVED ON ICE ☒ YES ☐ NO
TEMPERATURE 2 °C

CUSTODY RECORD

	Relinquished by Sampler:	Date	Time	Received by:	Date	Time
		1/30/09	0837			
	Relinquished by:	Date	Time	Received by:	Date	Time
	Relinquished by:	Date	Time	Received by Laboratory:	Date	Time
				Way Bill#:	1/30/09	0837