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Monitoring Event 21 Report – October 2002 for Sites 1 and 3 and Eastern Plume Naval Air Station, Brunswick, Maine

Contract No. N62472-92-D-1296
Contract Task Order No. 0047

U.S. NAVAL AIR STATION
BRUNSWICK, MAINE

Prepared for

Department of the Navy
Engineering Field Activity Northeast
Naval Facilities Engineering Command
North Loop & American Way, Building G
Code 182
Lester, Pennsylvania 19113-2090

Prepared by

EA Engineering, Science, and Technology, Inc.
Southborough Technology Park
333 Turnpike Road, Route 9
Southborough, Massachusetts 01772

December 2004
FINAL
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Alexander C. Easterday, P.G.
CTO Manager

27 December 2004
Date

Kenneth W. Kilmer
Program Manager

27 December 2004
Date

December 2004
FINAL
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QUALITY REVIEW STATEMENT

Contract No. N62472-92-D-1296 EA Project No.: 29600.47
Contract Task Order No. 0047
Activity: Naval Air Station, Brunswick, Maine

Description of Report/Deliverable:

Final Monitoring Event 21 Report – October 2002 for Sites 1 and 3 and Eastern Plume, Naval Air Station, Brunswick, Maine

EA CTO Manager: Alexander C. Easterday, P.G.

In compliance with EA's Quality Procedures for review of deliverables outlined in the Quality Management Plan, this final deliverable has been reviewed for quality by the undersigned Senior Technical Reviewer(s). The information presented in this report/deliverable has been prepared in accordance with the approved Implementation Plan for the Contract Task Order (CTO) and reflects a proper presentation of the data and/or the conclusions drawn and/or the analyses or design completed during the conduct of the work. This statement is based upon the standards identified in the CTO and/or the standard of care existing at the time of preparation.

Senior Technical Reviewer

Peter Nimmer 27 December 2004

Peter L. Nimmer, P.G. (Date)
Senior Engineer

QUALITY REVIEW STATEMENT

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Final Monitoring Event 21 Report – October 2002 for Sites 1 and 3 and Eastern Plume, Naval Air Station, Brunswick, Maine

EA CTO Manager: Alexander C. Easterday, P.G.

As per State of Maine Department of Professional and Financial Regulations, Title 32 Chapter 73, Law, the sections of this document related to geology and geologic data interpretation have been reviewed for its technical content by the undersigned State of Maine Certified Geologist.

Specifically, Section 1.2.1 and Figure 3 of this document have been reviewed by the undersigned for their geological interpretive content. This statement is based upon the review of the undersigned conducted during the preparation of this report, as dated below.

Certified Geologist Reviewer

STATE OF MAINE
GINA M. CALDERONE
No. GE442
CERTIFIED GEOLOGIST

Gina M. Calderone

Gina M. Calderone, CPG
State of Maine Certified Geologist (No. GE442)

27 December 2004
(Date)

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1. PROJECT ACTIVITIES AND MONITORING EVENT RESULTS

1.1 INTRODUCTION

Under Contract No. N62472-92-D-1296, Contract Task Order No. 0047, Engineering Facility Activity Northeast, Naval Facilities Engineering Command contracted with EA Engineering, Science, and Technology, Inc. to perform long-term monitoring at Sites 1 and 3 and the Eastern Plume at Naval Air Station (NAS), Brunswick, Maine. NAS Brunswick is located south of the Androscoggin River between Brunswick and Cooks Corner, Maine. The locations of Sites 1 and 3 and the Eastern Plume are provided on Figure 1. The site plan for Sites 1 and 3 and Eastern Plume is provided on Figure 2.

At Sites 1 and 3 and the Eastern Plume, the Navy is performing long-term monitoring, maintenance, and corrective measures as part of the long-term remedial actions required by the Record of Decision for a Remedial Action for Sites 1 and 3 (ABB-ES 1992), and the Record of Decision for No Further Action at Sites 4, 11, and 13 and a Remedial Action for the Eastern Plume (ABB-ES 1998). In 1994, a Long-Term Monitoring Plan (LTMP) was established for Sites 1 and 3 and the Eastern Plume (ABB-ES 1994). A draft revision to the 1994 LTMP was issued in October 1998 (EA 1998); subsequent to Monitoring Event 14, a draft final version was issued in June 1999 (EA 1999a). The draft LTMP document establishes the monitoring and sampling requirements for Sites 1 and 3 and the Eastern Plume and was used during Monitoring Event 15. The current LTMP document was issued in February 2000 (EA 2000a) and used during subsequent monitoring events.

Remedial actions at Sites 1 and 3 included construction of a low permeability slurry wall upgradient and surrounding two disposal trenches to a depth of approximately 90 ft, construction of a low permeability cap atop the landfill, and placement of two groundwater extraction wells (EW-06 and EW-07) within the landfill limits. Extraction wells within the landfill limits were deactivated on 19 November 1997 due to continually decreasing yields and stabilized water levels within the confines of the slurry wall. The source of the Eastern Plume has been identified as Sites 4, 11, and 13 (ABB-ES 1998). Groundwater in the Eastern Plume is being remediated by a treatment system consisting of 4 groundwater extraction wells designed to provide hydraulic control of the aquifer, and a treatment plant to remove volatile organic compounds (VOCs) from the groundwater prior to discharge. Partial hydraulic control has been established by the system.

The extraction system has been operational since June 1995. Extraction well EW-02A, located within the Eastern Plume in the vicinity of monitoring well MW-311, was activated on 12 June 1998 to provide additional VOC removal and hydraulic control in this area. On 27 September 2000, extraction well EW-02 was removed from service and decommissioned. Extraction well EW-03 is no longer operational and was removed from service in December 1998 and decommissioned on 27 September 2000. One replacement extraction well (EW-05A) was installed during September 2000 and brought online on 10 January 2001. EW-05 was removed

from service and decommissioned on 17 January 2001. On 11 September 2001, at 1119 hours, the extraction well network and treatment plant were ordered shut down by the Commanding Officer of NAS Brunswick as a result of the terrorist attacks in New York City; Washington, D.C.; and Pennsylvania. During the 1 October 2001 project conference call between the Navy, Maine Department of Environmental Protection (MEDEP), and U.S. Environmental Protection Agency (EPA) remedial project managers, it was agreed that the extraction well network and treatment plant would remain offline until completion of the Fall 2001 Long-Term Monitoring Program. The extraction well network and treatment plant were placed back in service on 13 November 2001 at 1139 hours. The extraction well network and treatment plant had been offline for a total of 63 days after 11 September 2001.

Monthly groundwater extraction and treatment system (GWETS) operations reports provided to the Brunswick Sewer District as well as MEDEP and EPA summarize additional details related to treatment plant operations and maintenance. Figure 3 shows the gauging and sampling points of the long-term monitoring network, Figure 4 shows long-term monitoring locations where gauging is conducted, and Figure 5 shows points where long-term monitoring samples are collected, as specified in the current LTMP (EA 2000a). The sampling and gauging points at Sites 1 and 3 and the Eastern Plume are summarized in Tables 1 and 2, respectively.

During Monitoring Event 21, the aqueous diffusion sampling pilot study (sixth pilot sampling event) was continued at several wells within the Eastern Plume and Sites 1 and 3. Previous pilot studies using aqueous diffusion samplers were completed during Monitoring Event 15 (September 1999), Monitoring Event 16 (April 2000), Monitoring Event 17 (September 2000), Monitoring Event 18 (April 2001), Monitoring Event 19 (October/November 2001), and Monitoring Event 20 (April 2002). The pilot studies indicated that aqueous diffusion samplers are useful in collecting representative groundwater samples (EA 1999b, 2000a, 2000b). Based on a comparison of historical data collected using low-flow sampling methods and the results of the previous aqueous diffusion sampler pilot studies, it was determined that one sampling interval could be monitored at each of the 10 monitoring wells included in those pilot studies to accurately track changes in VOC concentrations. These 10 initial monitoring wells are referred to as "Pilot Test Group No. 1." The use of diffusion samplers was expanded during Monitoring Event 18 to include the 15 remaining wells within the Eastern Plume; these wells are referred to as "Pilot Test Group No. 2." Details of the construction, deployment, and sample collection for the aqueous diffusion samplers were presented in a summary of the October 2001 aqueous diffusion sampling pilot study, for the Eastern Plume (EA 2002).

This report is the second monitoring event report which includes the previous annual report format (annual reports are no longer prepared). Each monitoring event report presents and discusses trend data, and provides recommendations and conclusions. This change was discussed and agreed upon by the Navy, and state and federal regulators.

This report provides results for Monitoring Event 21 that was conducted in October 2002. Section 1 of this report describes the activities completed during this monitoring event. Temporal trends and other observations based on data collected during bi-annual monitoring are

presented in Section 2, and recommendations are provided in Section 3. Appendix A provides completed response to comments from MEDEP and EPA on the draft report (to be provided with the final version). Appendix B contains the laboratory analytical data summary Tables B-1 through B-21. Appendix C provides graphical summaries of the Long-Term Monitoring Program. Appendix D provides an analytical data quality review. Appendix E provides field monitoring and sampling forms. Appendix F provides the engineering inspection report. Appendix G provides water level elevations within the Sites 1 and 3 Landfill for deep and shallow wells. Appendix H provides complete analytical report Form I laboratory data tables.

1.2 MEASUREMENT OF WATER LEVEL ELEVATIONS

1.2.1 Gauging Activities

Water level measurements for Monitoring Event 21 were collected on 7 October 2002 at the monitoring wells, piezometers, and surface water gauging locations indicated in Tables 1 and 2 for Sites 1 and 3 and the Eastern Plume, respectively. Figure 4 provides the locations of groundwater monitoring wells, piezometers, extraction wells, and surface water gauging stations where water elevation data were collected. Sampling and gauging procedures are detailed in the final report for Monitoring Event 4 (EA 1996) and in the current LTMP (EA 2000a).

A total of 0.41 in. of precipitation was measured 1 week prior to and during the October 2002 gauging period.

1.2.2 Results

Groundwater elevation data recorded on 7 October 2002 are provided in Tables 3 and 4 for Sites 1 and 3 and the Eastern Plume, respectively. Surface water gauging station data are included in Table 4. Daily pumping rates for each extraction well for the period 1 May through 30 September 2002 (which may affect groundwater potentiometric surface elevations) are provided in Table 5. Shallow and deep potentiometric surface contour maps were prepared based on the water level data collected on 7 October 2002 (Figures 6 and 7). The shallow potentiometric surface contour maps are based upon data from wells and piezometers screened in the upper stratified silt and sand unit, while the deep potentiometric surface contour maps are based on data from wells and piezometers screened in the lower sand unit. The shallow interval is under unconfined conditions, while the deep interval is considered to be under semi-confined conditions due to the presence of the transition unit above and the Presumscot Clay below. The distinction between shallow and deep potentiometric surfaces was made to reflect differences in potentiometric head observed at depth in wells located across Sites 1 and 3 and the Eastern Plume, and to assess differing flow patterns that may be present in shallow and deep intervals. The interpreted groundwater flow direction for the 7 October 2002 gauging event is shown on Figure 6 for the shallow portions of the aquifer, and Figure 7 for the deep portions of the aquifer.

Note that monitoring wells MW-210A, MW-210R, and MW-211A located at Sites 1 and 3, and MW-308 and MW-309A in the Eastern Plume, are screened in bedrock at significantly lower depths than the deep overburden wells. Consistent with previous monitoring events, the measured water elevations at these bedrock wells showed differing water elevations compared to nearby wells screened in the deep overburden and, therefore, data for these bedrock wells were not used in the development of overburden potentiometric surface contour maps. However, MW-309B, a shallow bedrock well, is currently considered to be representative of the deep flow system, and is included on deep potentiometric surface maps (Figure 7).

Monitoring well locations are secured with locks, and monitoring points are labeled. The Field Record of Well Gauging Forms completed during the well gauging events are provided in Appendix E. Section 2.2 discusses temporal trends and observations.

1.3 GROUNDWATER MONITORING, SAMPLING, AND ANALYSIS

1.3.1 Sampling Activities

The groundwater sampling event was completed during 7-22 October 2002 in accordance with the general methodologies established in the current LTMP (EA 2000a), except for the aqueous diffusion samples that were collected as described in previous phases of the Brunswick Pilot Study (EA 2000c). Dedicated Grundfos Redi-Flo2 stainless steel and Teflon® submersible pumping systems were utilized at a majority of the monitoring wells to permit sampling using low-flow sampling techniques. Only 2 piezometers (P-106 and P-111) located in the Eastern Plume were sampled using a peristaltic pump due to small diameter casings.

At Sites 1 and 3, groundwater samples were collected from 8 of the monitoring wells specified in the current LTMP (EA 2000a). One monitoring well (MW-NASB-217B) was sampled utilizing the aqueous diffusion sampler and low-flow sampling methods. At the Eastern Plume, groundwater samples were collected via the low-flow sample method from 18 wells and piezometers, and 4 extraction wells specified in the current LTMP. A total of 16 monitoring wells and piezometers were additionally sampled utilizing the aqueous diffusion samplers. Tables 6 and 7 summarize the low-flow and diffusion samples collected, respectively.

The GWETS was operational for 93.66 percent of available hours during 1 May – 30 September 2002 (Table 5). The operational percentage value is obtained from the monthly GWETS reports. The reasons for operational interruptions and a statement of the corrective actions taken are provided in the GWETS monthly operations reports. Figure 8 provides the extraction well detail map showing the deep potentiometric surface.

A pilot study was conducted during Monitoring Event 21 at a total of 25 monitoring wells (Pilot Test Group No. 1 and No. 2 wells). The diffusion samplers were installed between 20 and 21 August 2002. Monitoring well intervals for diffusion samples are presented in Table B-3. The aqueous diffusion samplers were retrieved from the monitoring wells between 8 and

The aqueous diffusion samplers were retrieved from the monitoring wells between 8 and 22 October 2002. The results of the aqueous diffusion sampling pilot study for October 2002 are summarized in the revised 3 March 2003 Site-Wide Diffusion Sampler Pilot Study Summary Report (EA 2003).

Tables 1 and 2 provide lists of the monitoring wells and piezometers that were scheduled for gauging and sampling during Monitoring Event 21. A detailed description of low-flow groundwater sample collection methods is provided in the final report for Monitoring Event 4 (EA 1996).

Samples were analyzed by Katahdin Analytical Services, a State of Maine Department of Human Services Certified laboratory located in Westbrook, Maine (Certification No. ME019). Katahdin Analytical Services is a Naval Facilities Engineering Service Center-accepted laboratory. Groundwater samples collected from Sites 1 and 3 and the Eastern Plume were submitted for the following analysis:

- Target Compound List VOCs by EPA Method 8260B
- Target Analyte List elements (Sites 1 and 3 Landfill), including:
  - Metals by inductively coupled plasma (EPA Method 6010B)
  - Graphite furnace (EPA Method 7000 Series)
  - Mercury by cold vapor atomic adsorption (EPA Method 7470A)
- Chromium by inductively coupled plasma (EPA Method 6010B).

1.4 SURFACE WATER AND SEEP SAMPLING AND ANALYSIS

1.4.1 Sampling Activities

Samples were collected in accordance with the general methodologies established in the current LTMP (EA 2000a) with the exception of the collection, preservation, and analysis of sediment samples by using EPA Method 5035.

The following types of samples were collected at Sites 1 and 3 on 18-21 October 2002:

- Surface water
- Leachate seep
- Leachate seep sediment
- Sediment.

The following types of samples were collected at the Eastern Plume on 21-22 October 2002:

- Surface water
- Seep.

Samples were analyzed by Katahdin Analytical Services. Surface water, leachate seep, leachate seep sediment, and sediment samples at Sites 1 and 3 and surface water and seep samples at the Eastern Plume were collected for the following analysis:

- Target Compound List VOCs by EPA Method 8260B (Tables 1 and 2)

  — Pesticides by EPA Method 8081A
  — Total organic carbon by Method Lloyd Kahn.

Selected surface water, leachate seep, leachate seep sediment, and sediment samples at Sites 1 and 3 were analyzed for the following:

- Target Analyte List elements, including:

  — Metals by inductively coupled plasma (EPA Method 6010B)
  — Graphite furnace (EPA Method 7000 series)
  — Mercury by cold vapor atomic adsorption (EPA Method 7470A)

- Chromium was analyzed by inductively coupled plasma (EPA Method 6010B).

1.4.2 Water Quality Indicator Parameter Measurements

Water quality indicator parameters, including pH, conductivity, temperature, dissolved oxygen, and turbidity, were monitored to ensure stabilization of water quality prior to sample collection. Stabilization of water quality indicator parameters was considered achieved when measurements agreed to within 10 percent on three successive readings and turbidity was below 10 nephelometric turbidity units. Although not required by the current LTMP, oxidation-reduction potential was recorded for informational purposes to assess geochemical conditions.

Diffusion sample water quality indicator parameters were recorded immediately following removal of the diffusion samplers. A YSI 600XL water quality meter was utilized to collect water quality data downhole (note that the YSI 600XL water quality meter does not record turbidity).

Results of water quality indicator parameter monitoring at the time samples were collected are summarized in Tables 8 and 6 for groundwater samples collected at Sites 1 and 3 and the Eastern Plume, respectively. Table 7 summarizes the results of water quality parameters collected following the removal of the diffusion samplers, prior to low-flow sampling. Water quality indicator parameters measured at the time the water samples were collected from extraction wells, the treatment plant combined influent, and the treated effluent samples are summarized in Table 9. Tables 10 and 11 summarize water quality indicator parameters for surface water and seep samples collected from Sites 1 and 3 and Eastern Plume, respectively. The Field Record of Well Gauging, Purging, and Sampling forms and Field Record of Surface Water/Sediment Sampling forms are provided in Appendix E.

1.5 LABORATORY RESULTS – ANALYTICAL DATA

1.5.1 Groundwater Samples

1.5.1.1 Sites 1 and 3 and Eastern Plume

Tables B-1, B-2, and B-3 provide summaries of the analytical results for the groundwater samples collected at Sites 1 and 3 and the Eastern Plume. Laboratory Form I tables are provided in Appendix H. Table 12 presents a summary of the aqueous diffusion pilot study. Section 2.3 discusses long-term trends in groundwater sample results.

The reported total VOC concentrations and interpreted groundwater contours for wells screened in the shallow interval at Sites 1 and 3 and the Eastern Plume are shown on Figure 9.

The reported total VOC concentrations and interpreted groundwater contours for wells screened within the deep interval at Sites 1 and 3 and Eastern Plume are shown on Figure 10.

1.5.2 Groundwater Extraction and Treatment System

Table B-4 provides a summary of the VOCs detected in groundwater extraction wells, treatment system influent, and treatment system combined effluent samples collected at the GWETS. Laboratory data Form I tables are provided in Appendix H.

1.5.3 Surface Water Samples

1.5.3.1 Sites 1 and 3 and Eastern Plume

Tables B-5, B-6, and B-7 provide summaries of the VOCs and Target Analyte List elements reported in surface water samples collected at Sites 1 and 3 and Eastern Plume. Laboratory Form I reports are provided in Appendix H. Section 2.4 discusses surface water sample results and temporal trends.

1.5.4 Leachate Seep Samples

1.5.4.1 Sites 1 and 3 and Eastern Plume

Tables B-8, B-9, and B-10 provide summaries of the constituents reported in leachate seep samples collected at Sites 1 and 3 and Eastern Plume.

Laboratory Form I reports are provided in Appendix H. Section 2.4 discusses leachate seep sample results and temporal trends.

1.5.5 Leachate Sediment Samples

1.5.5.1 Sites 1 and 3

Tables B-11 and B-12 provide summaries of the constituents reported in the leachate seep sediment samples collected at Sites 1 and 3. Laboratory Form I reports are provided in Appendix H. Section 2.4 discusses leachate seep sample results and temporal trends.

1.5.6 Sediment Samples

1.5.6.1 Sites 1 and 3 and Eastern Plume

Tables B-13, B-14, B-15, B-16, B-17, and B-18 provide summaries of the constituents reported in the sediment samples collected at Sites 1 and 3 and Eastern Plume. Laboratory Form 1 reports are provided in Appendix H. Section 2.4 discusses sediment sample results and temporal trends.

1.6 LANDFILL CAP INSPECTION AND GAS PROBE AND VENT MONITORING

1.6.1 Inspection Activities

The engineering inspection of the landfill cap and appurtenances was conducted on 10 October 2002. A copy of the engineering inspection report is included in Appendix F. The following deficiencies were noted:

- Matted vegetation was noted due to late mowing (grass was allowed to grow abnormally high). More frequent mowing is recommended.
- A large animal burrow is located 50 ft south of GW-1.
- Standing vegetation in the vicinity of the dams and outlets is present. It is recommended that this vegetation be manually trimmed.
- The outlets near gas vent GV-14 and near the stone outfall are blocked. It is recommended that the blockages be cleared.

Gas probe and vent monitoring was conducted at the Sites 1 and 3 landfill during the October 2002 monitoring event. This sampling was conducted in accordance with the LTMP (ABB-ES 1994; EA 2000a). Gas measurements were collected from 14 gas vents and 2 gas monitoring probes. Appendix E provides the Field Record of Landfill Gas Monitoring Form. Based on data collected during October 2002, the following observations were noted:

- Recorded pressures at each of the gas vents/probes were consistent with atmospheric pressure. Methane vapors were detected at 1 of 14 gas vents (GV-13 [0.2 percent]) and at 1 of 2 gas probes (GMP-5 [0.2 percent]).

- Percent oxygen measurements were unable to be collected due to a meter malfunction.

- There are no discernable trends evident in the percent carbon dioxide values noted at gas probe/vent locations that may indicate changes in microbial activity are occurring within the landfill.

1.7 QUALITY ASSURANCE/QUALITY CONTROL

A rigorous quality assurance/quality control program is required to meet the data quality objectives of the aqueous and sediment sampling program, as outlined in the Quality Assurance Project Plan contained in the current LTMP (EA 2000a). The data obtained during the October 2002 sampling event were determined to be of sufficient quality to be used for the objectives specified in the current LTMP (EA 2000a).

1.8 ANALYTICAL DATA QUALITY REVIEW

As required by the Quality Assurance Project Plan contained in the current LTMP (EA 2000a), a review of laboratory data was performed on selected quality control parameters to evaluate precision, accuracy, representativeness, completeness, and comparability and data quality objective requirements. A summary of the quality assurance/quality control analytical data is presented in Tables B-19, B-20, and B-21. These tables summarize the analytical results for only those analytes detected in at least one of the quality assurance/quality control samples.
A summary of the analytical data quality review for chemical data is provided in Appendix D. With consideration of the data qualifiers and notes provided in Appendix D, the data represented in this report were found to meet specified acceptance criteria and, therefore, represent data in compliance with the Quality Assurance Project Plan (EA 2000a). Method detection limits for sediment and aqueous media are included in Appendix D.1. Notable findings of the analytical data quality review are summarized in Table 13.

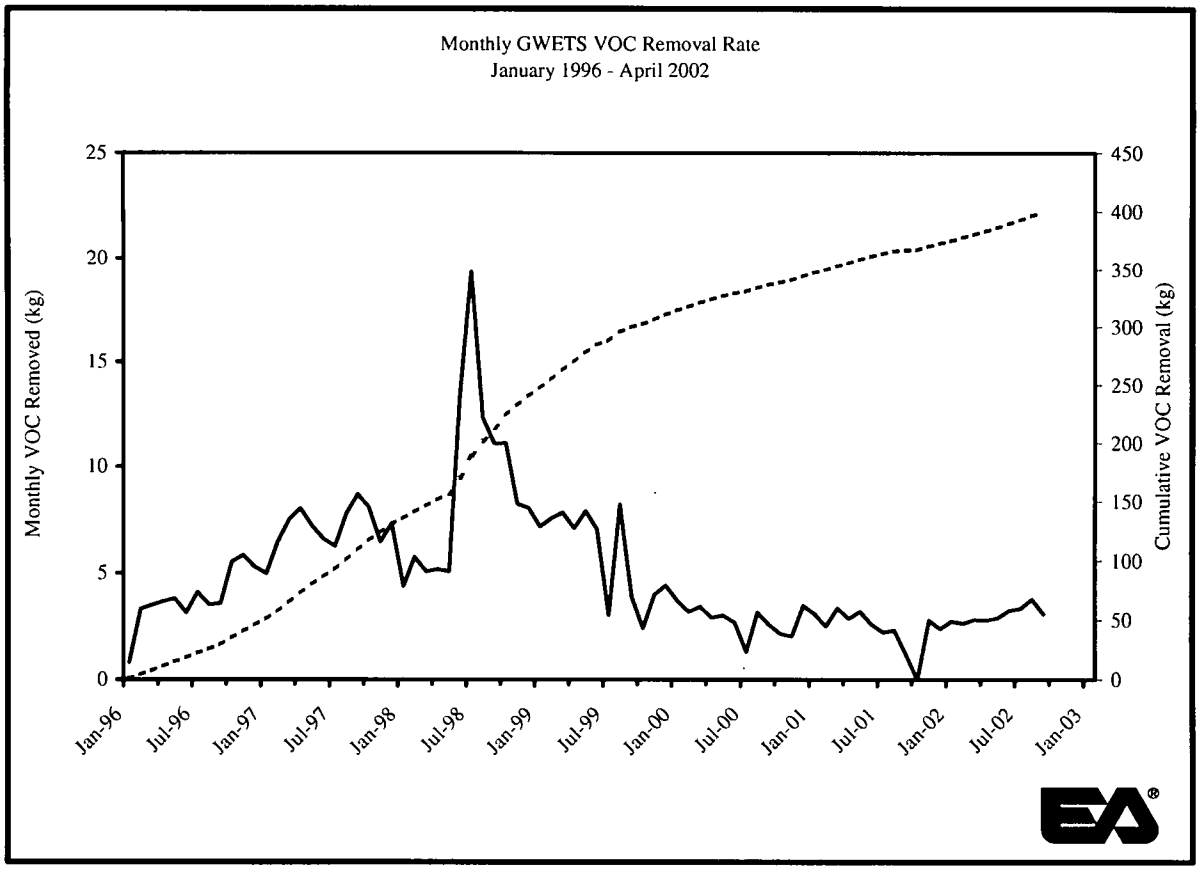
2. TEMPORAL TRENDS AND OBSERVATIONS

2.1 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM 2001-2002 PERFORMANCE SUMMARY

The GWETS operated continuously from 1 May to 30 September 2002 with the exception of brief periods when the system was offline for maintenance, power outages, and system testing (as described in the monthly operation reports). Table 5 summarizes the monthly flow rates for the 4 extraction wells (EW-01, EW-02A, EW-04, and EW-05A).

Extraction wells EW-01, EW-02A, EW-04, and EW-05A were operational during the majority of 2002 with minor exceptions related to routine maintenance or power interruptions. Extraction well EW-02 was permanently deactivated on 27 September 2000. Extraction well EW-03 has remained inactive since identification of the well screen failure in December 1998, and extraction well EW-05 was deactivated on 17 January 2001.

The chart below summarizes VOC removal rates achieved by the extraction wells in the Eastern Plume during the period January 1996 – October 2002:



Concentrations of VOCs are based on laboratory analytical data provided in the monthly operations report for the GWETS. The mass of VOCs removed was calculated based on the sum of the detected concentrations of the 9 VOCs included in the treatment plant operating permit issued by the Brunswick Sewer District in December 1994 (although total VOC removal is likely to be greater than shown).

The monthly VOC removal rate for 2000 ranged from approximately 1 to 4 kg per month. The removal rates depicted a slight decrease from 1999 to 2000 (likely due to decreasing concentrations of VOCs at EW-02A throughout 2000).

As shown in the graphic above, the cumulative VOC removal reached 350 kg during 2000 from the Eastern Plume. The increase of cumulative VOC and subsequent decrease of monthly VOCs in 1999 and 2000 is likely the result of the addition of EW-02A, and success of removing VOCs from the area near MW-311.

The overall monthly VOCs removed from the Eastern Plume continue to show a relatively consistent rate of VOC removal during 2001, with the exception of the period between 11 September and 13 November 2001 when the VOC removal rate decreased sharply due to system shutdown. The VOC removal rates show a declining trend since 1998. This suggests that the highest concentration areas of the Eastern Plume have been effectively targeted by extraction wells, and VOC concentrations in the plume have been significantly reduced.

One new extraction well (EW-05A) was placed online in January 2001. This new extraction well is screened across the VOC-impacted lower sand interval and has resulted in VOC removal in the northern lobe of the Eastern Plume.

During 2001, Foster Wheeler Environmental Corporation designed and constructed the Infiltration Gallery at Site 11. Beginning in February 2002, the treated effluent from the GWETS was directed to the Infiltration Gallery. Up until February 2002, the GWETS effluent was discharged to the Brunswick Sewer District in accordance with the limits established in the discharge permit. This change of discharge location was preceded by an Explanation of Significant Difference in December 2000. In addition to the effluent discharge location changing, the Explanation of Significant Difference also presented and documented the treatment equipment change. The original GWETS treatment equipment used was ultraviolet oxidation, however, it was changed to air stripper with granular activated carbon polishing of the treated effluent during 2000. During the first quarter of 2000, the GWETS treated effluent continued to be discharged to the Brunswick Sewer District.

Results of the effluent analyses for 1 May through 30 September 2002 indicated no violations of permit discharge limits established by the Brunswick Sewer District.

2.2 WATER LEVEL GAUGING PROGRAM TRENDS

Water level measurements from the wells and piezometers were obtained during the October 2002 monitoring event at the locations indicated in Tables 1 and 2 for Sites 1 and 3 and Eastern Plume, respectively. Gauging was performed in accordance with the LTMP (ABB-ES 1994; EA 2000a). Figures 3 and 4 provide the locations of monitoring/gauging points that comprise the long-term monitoring network at Sites 1 and 3 and the Eastern Plume. A summary of water elevations is presented in Tables 3 and 4.

At Sites 1 and 3, a comparison of water elevation data collected during long-term monitoring indicates water elevations have decreased in the vicinity of the slurry wall due to active pumping and placement of the slurry wall and landfill cap (Figures 6 and 7). In general, between Monitoring Events 20 and 21, the groundwater elevations vary slightly. The deepest known elevation of the bottom of waste material at Sites 1 and 3 has been reported to be 32.9 ft mean sea level (well MW-234R). The depth of groundwater during October 2002 at extraction well EW-06 was 34.33 ft mean sea level. Interpretive potentiometric surface maps were developed from the data collected during this monitoring event and are provided as Figures 6 and 7. In addition, water elevations within the Sites 1 and 3 Landfill for deep and shallow wells are presented in Appendix G, which graphically illustrate that the water level within the landfill slurry wall has remained consistent.

2.3 GROUNDWATER MONITORING AND SAMPLING PROGRAM TRENDS

This section provides a summary of groundwater sampling results and trends for Sites 1 and 3 and the Eastern Plume. This summary focuses on of the results for the groundwater sampling and analysis program based on the following criteria:

- Monitoring wells that exhibited increasing analyte concentrations over recent sampling events
- Monitoring wells that exhibited decreasing analyte concentrations over recent sampling events
- Monitoring wells that had analyte concentrations that previously exceeded State Maximum Exposure Guidelines (MEGs) and Federal Maximum Contaminant Levels (MCLs) and currently do not have exceedances
- Monitoring wells that had analyte concentrations that previously did not exceed State MEGs and Federal MCLs and currently do exceed.

These criteria were used to identify trends that may indicate plume movements are occurring which may be evidenced by increasing or decreasing concentrations of analytes. Appendix C.2 provides graphics showing VOC and metal concentrations above the State MEGs and Federal

MCLs in shallow and deep wells at Sites 1 and 3 and Eastern Plume. Trend graphs are provided in Appendix C.3.

2.3.1 Sites 1 and 3 – Volatiles

- **Monitoring Well MW-202A**—A low-flow sample was collected from this location during this monitoring event. Volatile concentrations for all of the contaminants of concern (total VOCs, 1,1-dichloroethane, total 1,2-dichloroethene, chlorobenzene, ethylbenzene, methylene chloride, vinyl chloride, toluene, and xylenes) have remained similar to results from the last monitoring event with the exception of vinyl chloride. Vinyl chloride results (1J µg/L) exceed the State MEG (0.15 µg/L) for this monitoring event. However, vinyl chloride was not reported in the monitoring well in Monitoring Events 19 and 20. Since 1996, total VOC concentrations have remained at or below approximately 300 µg/L, and volatile contaminants of concern have remained at or near non-detect levels.

- **Monitoring Well MW-217B**—A low-flow sample was not collected from this location during the last monitoring event, therefore, current low-flow data have been compared to results from low-flow samples collected during Monitoring Event 19 (Fall 2001). Volatile concentrations for all of the contaminants of concern (total VOCs, 1,1-dichloroethane, total 1,2-dichloroethene, chlorobenzene, ethylbenzene, methylene chloride, vinyl chloride, toluene, and xylenes) have remained similar to results from (Monitoring Event 19) with the exception of total VOCs. Total VOC trend results in the low-flow sample show a steady decrease from 320 µg/L (Monitoring Event 19) to 150 µg/L (Monitoring Event 21). A deep diffusion sample was also collected from this location during this monitoring event. Volatile concentrations for all of the contaminants of concern have remained similar to results from the last monitoring event with the exception of total VOC. Total VOC trend results in the deep diffusion sample show a gradual decrease from 240 µg/L (Monitoring Event 19) to 87 µg/L (Monitoring Event 21). Vinyl chloride results (8 µg/L) continue to exceed the State MEG (0.15 µg/L) and the Federal MCL (2 µg/L). Since 1995, the total VOC concentrations for low-flow samples had continually increased to a peak level (maximum concentration) in 1999, and have since decreased steadily with the exception of a spike in 2001. Since 2001, deep aqueous diffusion sample results have remained at similar concentrations.

2.3.2 Sites 1 and 3 – Inorganics

- **Monitoring Well MW-202A**—A low-flow sample was collected from this location during this monitoring event. Inorganic concentrations for barium and nickel have decreased since the last monitoring event, while the inorganic concentrations for sodium and manganese have increased. The inorganic concentrations for arsenic, lead, chromium, and aluminum have remained similar since the last monitoring event. The reported concentration for manganese has increased and still exceeds both the Federal

MCL and State MEG. Since 1995, nickel concentrations have ranged from non-detect to approximately 135 µg/L, barium concentrations have ranged from approximately 12 µg/L to approximately 120 µg/L, sodium concentrations have ranged from approximately 7,000 µg/L to approximately 23,000 µg/L, and manganese concentrations have ranged from approximately 100 µg/L to approximately 5,000 µg/L. Since 1996, arsenic, chromium, and lead concentrations have remained below approximately 5 µg/L, and aluminum concentrations have remained at or near non-detect.

- **Monitoring Well MW-217B**—A low-flow sample was collected from this location during this monitoring event. Inorganic concentrations for arsenic, chromium, lead, nickel, manganese, aluminum, and sodium have remained similar to the last monitoring event while the concentration of barium decreased slightly. The concentration of manganese has remained similar and still exceeds the State MEG and Federal MCL.

- **Monitoring Well MW-218**—A low-flow sample was collected from this location during this monitoring event. The inorganic concentration for chromium, sodium, and nickel have increased since the last monitoring event while the concentrations of barium, lead, aluminum, and manganese have remained similar. The concentrations of arsenic and aluminum exceed the Federal MCL, and the concentration of manganese exceeds both the State MEG and the Federal MCL. Since 1998, barium, chromium, lead, and nickel concentrations have remained at or near non-detect levels. The concentrations of aluminum and manganese have ranged from non-detect to approximately 600 µg/L. The concentration of arsenic has ranged from approximately 55 µg/L to approximately 300 µg/L, and the concentration of sodium has ranged from approximately 120,000 µg/L to approximately 270,000 µg/L since 1995.

- **Monitoring Well MW-240**—A low-flow sample was collected from this location during this monitoring event. Inorganic concentrations for barium, chromium, and lead have increased since the last monitoring event while the concentrations for arsenic, nickel, manganese, and sodium have remained similar and the concentration of aluminum has decreased. The concentration of aluminum exceeds the Federal MCL and State MEG. Historically, since 2000, the concentrations for nickel and chromium have been steadily increasing. Since 1998, the concentrations for arsenic, manganese, and lead have been at or near non-detect levels. Since 1998, the concentrations for barium have ranged from approximately 8 µg/L to approximately 20 µg/L, concentrations for sodium have ranged from approximately 4,000 µg/L to approximately 8,000 µg/L, and the concentrations for aluminum have ranged from approximately 100 µg/L to 9,000 µg/L.

2.3.3 Eastern Plume – Volatiles

- **Extraction Well EW-01**—A low-flow sample was collected from this sampling location. Volatile concentrations for total VOCs and total 1,2-dichloroethene have decreased

slightly since the last monitoring event while concentrations of 1,1,1-trichloroethane, tetrachloroethene, 1,1-dichloroethane, 1,1-dichloroethene, and trichloroethene have remained similar. The concentration of tetrachloroethene still exceeds the State MEG. The concentration of trichloroethene still exceeds both the State MEG and the Federal MCL. Since 1997, the reported concentrations for volatile contaminants of concern (including total VOCs) have remained at fairly consistent levels ranging from non-detect concentrations to approximately 190 µg/L.

- **Extraction Well EW-02A**—A low-flow sample was collected from this sampling location. Volatile concentrations for total VOCs, trichloroethene, total 1,2-dichloroethene, 1,1,1-trichloroethane, tetrachloroethene, 1,1-dichloroethene, and 1,1-dichloroethane have remained similar to results from the last monitoring event. The concentrations of 1,1-dichloroethene, tetrachloroethene, and trichloroethene still exceed the Federal MCLs and State MEGs. Historically, from 1998 through 2001, with the exception of tetrachloroethene and 1,1-dichloroethane, there was a consistent decrease in volatile concentrations; however, from 2001 to 2002, volatile concentrations have remained at consistent levels. Tetrachloroethene and 1,1-dichloroethane have remained at or near non-detect levels since 1998.

- **Extraction Well EW-04**—A low-flow sample was collected from this sampling location. Volatile concentrations for total VOCs, trichloroethene, total 1,2-dichloroethene, 1,1,1-trichloroethane, 1,1-dichloroethene, 1,1-dichloroethane, and tetrachloroethene have remained similar to the last monitoring event. The concentrations of 1,1-dichloroethene and trichloroethene still exceed the Federal MCLs and State MEGs. Since 1995, 1,1-dichloroethane and tetrachloroethene have remained at or near non-detect levels while trichloroethene, 1,1-dichloroethene, and total 1,2-dichloroethene have ranged from non-detect levels to approximately 300 µg/L. Since 1996, total VOC and 1,1,1-trichloroethane concentrations have followed similar patterns with concentrations ranging from approximately 200 µg/L to approximately 1,000 µg/L.

- **Extraction Well EW-05A**—A low-flow sample was collected from this sampling location. Volatile concentrations for total VOC, trichloroethene, 1,1,1-trichloroethane, and 1,1-dichloroethene have continually decreased since the last monitoring event while the concentrations of 1,1-dichloroethane, total 1,2-dichloroethene, and tetrachloroethene remained similar. The concentration of 1,1-dichloroethene no longer exceeds the Federal MCL or State MEG. The concentration of trichloroethene still exceeds both the Federal MCL and State MEG. Overall, there have been decreasing trends since 2001 for total VOC, trichloroethene, total 1,2-dichloroethene, 1,1,1-trichloroethane, and 1,1-dichloroethene concentrations, and the concentrations for 1,1-dichloroethane and tetrachloroethene have remained at or near non-detect levels.

- **Monitoring Well MW-205A**—A deep diffusion sample was collected from this monitoring well location. The total VOC concentrations, including 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2,-dichloroethene (total), tetrachloroethene, and trichloroethene, have

decreased since the last monitoring event at this location. Subsequently, the total VOC concentrations reported for Monitoring Event 21 (131 µg/L) show a decrease in concentrations from the concentrations calculated in the previous sampling event (i.e., 303 µg/L). However, in Monitoring Event 21, tetrachloroethene and trichloroethene concentrations exceeded the Federal MCLs and State MEGs at this diffusion sample depth.

- **Monitoring Well MW-207AR**—A low-flow sample was collected from this sampling location. Volatile concentrations for total VOCs, 1,1,1-trichloroethane, total 1,2-dichloroethene, and trichloroethene have decreased since the last monitoring event while the concentrations for 1,1-dichloroethane and 1,1-dichloroethene have remained similar, and the concentration of tetrachloroethene has increased slightly. The concentrations of tetrachloroethene and trichloroethene exceed the Federal MCLs and State MEGs. Total VOC concentrations reported in the low-flow sample have declined slightly since April 2002. However, 1,1,1-trichloroethane and 1,1-dichloroethane have remained at non-detect since April 2002.

- **Monitoring Well MW-225A**—Shallow, mid-depth, and deep diffusion samples, in addition to a low-flow sample, were collected from this monitoring well location. For the low-flow sample, volatile concentrations for total VOCs, total 1,2-dichloroethene, tetrachloroethene, and trichloroethene have increased since the last monitoring event while 1,1,1-trichloroethane, 1,1-dichloroethane, and 1,1-dichloroethene remained similar. Trichloroethene and tetrachloroethene exceed the Federal MCLs and the State MEGs in the low-flow sample. Shallow and mid-depth diffusion sample volatile results had mostly increased since the last monitoring event while deep diffusion sample results mostly decreased or remained similar. Trichloroethene exceeds the Federal MCLs and the State MEGs for all 3 diffusion sample depths. Tetrachloroethene exceeds both the Federal MCL and the State MEG for the mid-depth diffusion sample and the concentration of benzene (which was not identified as a contaminant of concern in the Record of Decision) also exceeds both the Federal MCL and State MEG. Historically, from 1995 to 1999, there was an overall decrease in volatile concentrations (low-flow sample); however, from 1999 to 2001, there was a general increase in volatile concentrations (low-flow sample) up until 2002. Since 2001, diffusion sample volatile results (including total VOCs) have ranged from non-detect to approximately 60 µg/L.

- **Monitoring Well MW-229A**—A mid-depth diffusion sample was collected from this monitoring well. Volatile concentrations for total VOCs, trichloroethene, 1,1-dichloroethene, total 1,2-dichloroethene, and tetrachloroethene have decreased since the last monitoring event while the concentrations for 1,1-dichloroethane and tetrachloroethene have remained similar, and 1,1,1-trichloroethane has increased slightly. The concentration of tetrachloroethene no longer exceeds the State MEG while the concentration of trichloroethene still exceeds both the State MEG and Federal MCL. Since 2000, volatile concentrations (including total VOCs) have ranged in concentrations up to approximately 110 µg/L in April 2000. However, since 2000, 1,1-dichloroethane

remains at non-detect and trichloroethene remains above the State MEG and Federal MCL at this monitoring well location.

- **Monitoring Well MW-306**—A shallow diffusion sample was collected from this monitoring well location. The last shallow diffusion sample from this location was collected in 2000. Volatile concentrations for total VOCs increased since 2000, while the concentrations of trichloroethene, total 1,2-dichloroethene, 1,1,1-trichloroethane, tetrachloroethene, 1,1-dichloroethene, and 1,1-dichloroethane have remained similar. The concentration of trichloroethene exceeds both the Federal MCL and State MEG. Since 2000, the total VOC concentrations have increased from 122 to 147 µg/L in Monitoring Event 21.

- **Monitoring Well MW-311**—A deep diffusion sample was collected from this monitoring well location. Volatile concentrations for total VOCs, trichloroethene, 1,1-dichloroethene, and 1,1-dichloroethane have decreased since the last monitoring event while the concentrations of tetrachloroethene, total 1,2-dichloroethene, and 1,1,1-trichloroethene remained similar to results from the last monitoring event. The concentrations of tetrachloroethene, trichloroethene, and 1,1-dichloroethene remained in exceedance of Federal MCLs and State MEGs. Since 2000, volatile concentrations of total VOCs have declined while the remaining volatile concentrations have remained consistent.

- **Monitoring Well MW-313**—Shallow, mid-depth, and deep diffusion samples, in addition to a low-flow sample, were collected from this monitoring well location. Volatile concentrations for the low-flow sample remained similar to low-flow sample results from the last monitoring event. The concentration of 1,1-dichloroethene for the deep diffusion sample no longer exceeds the Federal MCL and State MEG. The concentration of vinyl chloride (which was not identified as a contaminant of concern in the Record of Decision) now exceeds the State MEG for the mid-depth diffusion sample. Since 1999, low-flow sample results for total VOC, 1,1-dichloroethane, and 1,1-dichloroethene have shown continuously increasing trends while 1,1,1-trichloroethane, total 1,2-dichloroethene, tetrachloroethene, and trichloroethene have remained at non-detect levels. Since 2001, shallow and mid-depth diffusion sample results increased slightly overall and the deep diffusion sample results decreased overall.

- **Monitoring Well MW-319**—A deep diffusion sample was collected from this monitoring well. Volatile concentrations for total VOCs, tetrachloroethene, trichloroethene, and total 1,2-dichloroethene have decreased since the last monitoring event while the concentrations of 1,1,1-trichloroethane, 1,1-dichloroethane, and 1,1-dichloroethene have remained similar. The concentrations of tetrachloroethene and trichloroethene remain in exceedance of the Federal MCL and State MEG. Since 2000, volatile concentrations have remained fairly consistent.

- **Monitoring Well MW-331**—A mid-depth diffusion sample was collected from this monitoring well location. Volatile concentrations for total VOCs, 1,1,1-trichloroethane, total 1,2-dichloroethene, and trichloroethane have increased since the last monitoring event while the concentrations of 1,1-dichloroethene, 1,1-dichloroethane, and tetrachloroethene have remained similar. The concentrations of 1,1,1-trichloroethene, 1,1-dichloroethene, total 1,2-dichloroethene, tetrachloroethene, trichloroethene, and vinyl chloride all exceed Federal MCLs and State MEGs. Since 1999, volatile concentrations (including total VOCs) have been fairly consistent showing both increasing and decreasing trends.

- **Monitoring Well MW-NASB-212**—A shallow diffusion sample was collected from this monitoring well location. Volatile concentrations have remained similar to results from the last monitoring event. The concentration of trichloroethene remains in exceedance of both the Federal MCL and State MEG. Since 2000, volatile concentrations (including total VOCs) have remained fairly consistent.

- **Piezometer P-106**—A low-flow sample was collected from this piezometer. Volatile concentrations for total VOCs, 1,1,1-trichlorethane, trichloroethene, and 1,1-dichloroethene have decreased since the last monitoring event while the concentrations of 1,1-dichloroethane, total 1,2-dichloroethene, and tetrachloroethene have remained similar. The concentrations of 1,1,1-trichloroethane, 1,1-dichloroethene, tetrachloroethene, and trichloroethene still exceed both the Federal MCLs and State MEGs. Since 1995, the concentrations for total VOCs and 1,1,1-trichloroethane have ranged from approximately 500 µg/L to approximately 6,500 µg/L. Total VOC concentrations reported in piezometer P-106 have remained elevated since 1995; however, the reported concentrations show a steady decline from those reported in 1996 (at approximately 6,500 µg/L).

2.4 SURFACE WATER, SEDIMENT, AND SEEP SAMPLING PROGRAM

A summary of the results for the surface water, sediment, and seep sampling and analysis program conducted at Sites 1 and 3 and Eastern Plume indicate the following (Appendix C provides trend graphs).

2.4.1 Surface Water

2.4.1.1 Sites 1 and 3 – Volatiles

- **Surface Water Sample SW-04**—Total VOC concentrations have remained at non-detect concentrations since 1997 with the exception of a detection of <1 µg/L in 1998.

- **Surface Water Sample SW-07**—Total VOC concentrations have remained at non-detect concentrations since 1997 with the exception of a detection of approximately 2 µg/L in 2000.

- **Surface Water Sample SW-08**—Total VOC concentrations have remained at or near non-detect concentrations since 1998.

- **Surface Water Sample SW-09**—Total VOC concentrations have remained at non-detected concentrations from 1998 through 2000. In April 2002, total VOCs remained at non-detected. However, 2-butanone was reported at a concentration of 12 µg/L and has been determined to be a laboratory contaminant, and is not included in the total VOC calculations in Tables B-1 through B-6.

2.4.1.2 Sites 1 and 3 – Inorganics

- **Surface Water Sample SW-04**—Inorganic concentrations for zinc have increased since the last monitoring event while the concentration for lead and manganese decreased. Since 1995, concentrations for zinc have ranged from non-detect to approximately 23 µg/L, concentrations for manganese have ranged from approximately 115 µg/L to approximately 270 µg/L, and the concentrations for lead have ranged from non-detect concentrations to approximately 5 µg/L.

- **Surface Water Sample SW-07**—Inorganic concentrations for zinc have increased since the last monitoring event while the concentrations for manganese and lead have decreased. Since 1995, concentrations for zinc have ranged from non-detect to approximately 16 µg/L, concentrations for manganese have ranged from approximately 125 µg/L to approximately 300 µg/L, and the concentrations for lead have ranged from non-detect levels to approximately 6 µg/L.

- **Surface Water Sample SW-08**—Inorganic concentrations for manganese and zinc have increased since the last monitoring event while the concentrations for lead have remained non-detect. Since 1998, concentrations for zinc have ranged from non-detect to approximately 32 µg/L, concentrations for manganese have ranged from approximately 140 µg/L to approximately 325 µg/L, and the concentrations for lead have ranged from non-detect to approximately 5 µg/L.

- **Surface Water Sample SW-09**—Inorganic concentrations for manganese and zinc have increased since the last monitoring event while the concentrations for lead have remained at non-detect. Since 1998, concentrations for zinc have ranged from approximately 2 µg/L to approximately 18 µg/L, concentrations for manganese have ranged from approximately 140 µg/L to approximately 325 µg/L, and the concentrations for lead have ranged from non-detect levels to approximately 5 µg/L.

2.4.1.3 Eastern Plume – Volatiles

- **Surface Water Sample SW-10**—Total VOC concentrations remained at non-detect levels from 1998 to 2001. In April 2002, the total VOC concentration was comprised of 2-butanone (10 µg/L) and acetone (11 µg/L). However, these two compounds were non-detect in the October 2002 Monitoring Event results at this sample location.

- **Surface Water Sample SW-11**—Total VOC concentrations remained at non- detect levels since 1998.

- **Surface Water Sample SW-12**—Total VOC concentrations remained at or near non-detect levels from 1999 through 2001. In April 2002, the total VOC concentration was comprised of 2-butanone (12 µg/L). However, this compound was non-detect in the October 2002 Monitoring Event results at this sample location.

- **Surface Water Sample SW-13**—Total VOC concentrations remained at or near non-detect levels from 1998 through 2000. In April 2002, the total VOC concentration was comprised of 2-butanone (9 µg/L) and acetone (11 µg/L). However, no VOCs were detected in the October 2002 Monitoring Event results at this sample location.

- **Surface Water Sample SW-14**—Total VOC concentrations remained at or near non-detect levels from 1999 through 2000. In April 2002, the total VOC concentration was comprised of 2-butanone (11 µg/L). However, no VOCs were detected in the October 2002 Monitoring Event results at this sample location.

2.4.2 Leachate Seep

2.4.2.1 Sites 1 and 3 – Volatiles

- **Leachate Seep SEEP-01**—Volatile concentrations for contaminants of concern were at or near non-detect levels during this monitoring event. Since 1996, concentrations for contaminants of concern have ranged from non-detect to approximately 10 µg/L.

- **Leachate Seep SEEP-03**—Volatile concentrations for contaminants of concern were at or near non-detect levels during this monitoring event. Since 1995, concentrations for contaminants of concern (excluding total VOCs) have ranged from non-detect to approximately 35 µg/L.

- **Leachate Seep SEEP-04**—Volatile concentrations for contaminants of concern were at or near non-detect levels during this monitoring event. Since 1995, concentrations for contaminants of concern (excluding total VOCs) have ranged from non-detect to approximately 40 µg/L.

- **Leachate Seep SEEP-05**—Volatile concentrations for contaminants of concern were at or near non-detect levels during this monitoring event. Since 1995, concentrations for contaminants of concern (excluding total VOCs) have ranged from non-detect to approximately 20 µg/L.

- **Leachate Seep SEEP-09**—Volatile concentrations for contaminants of concern were at or near non-detect levels during this monitoring event. Since 1999, concentrations for contaminants of concern (excluding total VOCs) have ranged from non-detect to approximately 6 µg/L.

2.4.2.2 Sites 1 and 3 – Inorganics

- **Leachate Seep SEEP-01**—Inorganic concentrations for arsenic, cadmium, lead, nickel, manganese, vanadium, and zinc have increased since the last monitoring event while concentrations of antimony, beryllium, chromium, and mercury have remained similar. Since 1995, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 500 µg/L.

- **Leachate Seep SEEP-03**—Inorganic concentrations for arsenic, manganese, nickel, and zinc have increased since the last monitoring event while the concentrations of antimony, beryllium, chromium, mercury, lead, cyanide, cadmium, and vanadium have remained similar. Since 1995, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 620 µg/L.

- **Leachate Seep SEEP-04**—Inorganic concentrations for antimony, beryllium, chromium, cyanide, lead, mercury, nickel, and vanadium have remained at or near non-detect levels since the last monitoring event while the concentrations of arsenic, cadmium, zinc, and manganese have increased. Since 1995, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 400 µg/L.

- **Leachate Seep SEEP-05**—Inorganic concentrations for antimony, mercury, cyanide, cadmium, beryllium, chromium, lead, nickel, vanadium, and zinc have remained similar to the last monitoring event while the concentrations of arsenic and manganese have increased significantly. Since 1995, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 8,000 µg/L, and the concentrations of manganese have ranged from approximately 500 µg/L to approximately 21,000 µg/L.

- **Leachate Seep SEEP-09**—Inorganic concentrations for antimony, beryllium, cadmium, chromium, lead, mercury, nickel, vanadium, and zinc have remained similar to the last monitoring event while the concentrations of arsenic and manganese have decreased. Since 1995, inorganic concentrations (with the exception of arsenic and manganese) have

ranged from non-detect to approximately 170 µg/L, and the concentrations of arsenic and manganese have ranged from non-detect to approximately 13,000 µg/L.

2.4.2.3 Eastern Plume – Volatiles

Leachate Seep SEEP-11—Total VOC concentrations for the first five monitoring events, starting in 2000, were all non-detect. Since the last monitoring event, the concentration of total VOCs has increased to approximately 32 µg/L. The compounds comprising the total VOC concentrations at this seep location include: 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2-dichloroethene (total), *cis*-1,2- dichloroethene, tetrachloroethene, and trichloroethene.

2.4.3 Sediment

Note that sediment samples SED-09, SED-15, SED-16, SED-17, SED-18, and SED-19 are collected annually (during the fall monitoring events). Sediment samples SED-09, SED-15, SED-16, SED-17, SED-18, and SED-19 were not analyzed for VOCs.

2.4.3.1 Sites 1 and 3 – Inorganics

- **Sediment Sample SED-09**—Inorganic concentrations for contaminants of concern have increased since the last monitoring event. Since 1999, inorganic concentrations for contaminants of concern (except manganese) have ranged from non-detect to approximately 65 mg/kg and concentrations of manganese have ranged from approximately 350 mg/kg to approximately 830 mg/kg.

- **Sediment Sample SED-15**—Inorganic concentrations for chromium, nickel, manganese, and vanadium have increased since the last monitoring event while concentrations of cadmium, copper, lead, and mercury have remained similar and concentrations of zinc and arsenic have decreased. Since 2000, inorganic concentrations for contaminants of concern (except manganese) have ranged from non-detect to approximately 25 mg/kg, and concentrations of manganese have ranged from approximately 100 mg/kg to approximately 150 mg/kg.

- **Sediment Sample SED-16**—Inorganic concentrations for contaminants of concern have remained similar to results from the last monitoring event with the exception of manganese. The concentration of manganese has increased significantly since the last event. Since 2000, inorganic concentrations for contaminants of concern (except manganese) have ranged from non-detect to approximately 25mg/kg, and concentrations of manganese have ranged from approximately 50 mg/kg to approximately 250 mg/kg.

- **Sediment Sample SED-17**—Inorganic concentrations for contaminants of concern have remained similar to results from the last monitoring event with the exception of

manganese. The concentration of manganese has increased since the last event. Since 2000, inorganic concentrations for contaminants of concern (except manganese) have ranged from non-detect to approximately 40 mg/kg, and concentrations of manganese have ranged from approximately 150 mg/kg to approximately 600 mg/kg.

- **Sediment Sample SED-18**—Inorganic concentrations for chromium, copper, lead, vanadium, and zinc have decreased since the last monitoring event while the concentrations of arsenic and manganese have increased and the concentrations of mercury and cadmium have remained at non-detected levels. Since 2000, inorganic concentrations for contaminants of concern (except manganese) have ranged from non-detect to approximately 40 mg/kg, and concentrations of manganese have ranged from approximately 200 mg/kg to approximately 650 mg/kg.

- **Sediment Sample SED-19**—Inorganic concentrations for contaminants of concern have remained similar to results from the last monitoring event with the exception of manganese. The concentration of manganese has increased since the last event. Since 2000, inorganic concentrations for contaminants of concern (except manganese) have ranged from non-detect to approximately 40 mg/kg, and concentrations of manganese have ranged from approximately 100 mg/kg to approximately 850 mg/kg.

2.4.3.2 Sites 1 and 3 – Volatiles

- **Leachate Station Sediment Sample LT-01**—Total VOC concentrations have continued to decrease since the last monitoring event. The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained similar. Since 1997, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 200 µg/kg with the exception of 1 spike in 2001 (approximately 1,700 µg/kg) comprised primarily of 2-hexanone and bromoform.

- **Leachate Station Sediment Sample LT-03**—Total VOC concentrations have decreased since the last monitoring event. The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained similar. Since 1996, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 200 µg/kg with the exception of a broad peak spanning two consecutive monitoring events in 1998 and 1999 (ranging from approximately 500 µg/kg to approximately 2,750 µg/kg) comprised of several VOCs, 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2- trichloroethane, 1,1,-dichloroethane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, primarily.

- **Leachate Station Sediment Sample LT-04**—Total VOC concentrations have increased slightly since the last monitoring event. The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained similar. Since 1996, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 1,200 µg/kg with the

exception of 2 spikes in 2000 and 2001 (ranging from approximately 2,000 µg/kg to approximately 4,750 µg/kg) comprised of primarily 1,1-dichloroethane, 1,2-dichlorobenzene, 1,2-dichloroethene (total), 1,3-dichlorobenzene, and 1,4-dichlorobenzene.

- **Leachate Station Sediment Sample LT-05**—Total VOC concentrations have increased since the last monitoring event. The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained similar. Since 1997, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 500 µg/kg with the exception of 1 spike in 2000 (approximately 1,750 µg/kg) comprised of primarily 1,2-dichlorobenzene, and 1,4-dichlorobenzene.

- **Leachate Station Sediment Sample LT-09**—Total VOC concentrations have increased since the last monitoring event. The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained at non-detect since sampling in 1999. Since 1999, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 1,000 µg/kg, the latter of which was primarily comprised of 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene.

2.4.3.3 Sites 1 and 3 – Inorganics

- **Leachate Station Sediment Sample LT-01**—Inorganic concentrations for arsenic, cadmium, chromium, copper, lead, mercury, nickel, vanadium, and zinc have remained similar since the last monitoring event while the concentration of manganese has continued to decrease. Since 1996, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 400 µg/kg (with the exception of 1 spike in 1998 of approximately 1,100 µg/kg), and the concentrations of manganese have ranged from non-detect to approximately 18,000 µg/kg.

- **Leachate Station Sediment Sample LT-03**—Inorganic concentrations for chromium, nickel, manganese, vanadium, and zinc have increased since the last monitoring event while the concentrations of cadmium, copper, lead, and mercury have remained similar, and the concentration of arsenic have decreased. Since 1996, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 70 µg/kg, and the concentrations of manganese have ranged from non-detect to approximately 65,000 µg/kg.

- **Leachate Station Sediment Sample LT-04**—Inorganic concentrations for nickel, vanadium, and manganese have decreased since the last monitoring event while the concentration of arsenic has increased, and the concentrations of cadmium, chromium, copper, lead, mercury, and zinc have remained similar. Since 1996, inorganic concentrations (with the exception of manganese) have ranged from non-detect to

approximately 100 µg/kg, and the concentrations of manganese have ranged from not detected to approximately 5,000 µg/kg, with the exception of 1 spike (approximately 35,000 µg/kg) in 1999.

- **Leachate Station Sediment Sample LT-05**—Inorganic concentrations for cadmium, chromium, copper, lead, mercury, nickel, vanadium, and zinc have remained similar to the last monitoring event while the concentrations of arsenic and manganese have increased. Since 1996, inorganic concentrations have ranged from non-detect to approximately 4,500 µg/kg.

- **Leachate Station Sediment Sample LT-09**—Inorganic concentrations for cadmium, chromium, copper, lead, mercury, nickel, and vanadium have remained similar to the last monitoring event while the concentrations of arsenic and manganese have decreased, and the concentration for zinc increased. Since 1999, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 600 µg/kg, and the concentrations of manganese have ranged from 97.1 µg/kg to approximately 7,000 µg/kg.

3. RECOMMENDATIONS

Based on the analysis of the data collected at Sites 1 and 3 and Eastern Plume as part of the Long-Term Monitoring Program, the following recommendations are proposed to improve the effectiveness of the monitoring network and remedial systems.

3.1 GROUNDWATER SAMPLING PROGRAM

- Continue to collect groundwater samples as specified in the most recent revision of the LTMP (EA 2000a).
- Expand the use of aqueous diffusion samplers to the remaining monitoring wells in the Eastern Plume to replace low-flow samples where possible. After discussions with MEDEP, EPA, and other site stakeholders, we recommend that diffusion samplers be included in next revision of the Long-Term Monitoring Plan, and the pilot study be concluded.
- Continue to collect new data to re-evaluate the operation and efficiency of the existing pump-and-treat remedial system in order to develop an optimization plan for the system.
- Develop an Operation and Maintenance Plan.

3.2 SITES 1 AND 3 LANDFILL CAP

Recommendations for the Site 1 and 3 landfill cap include the following:

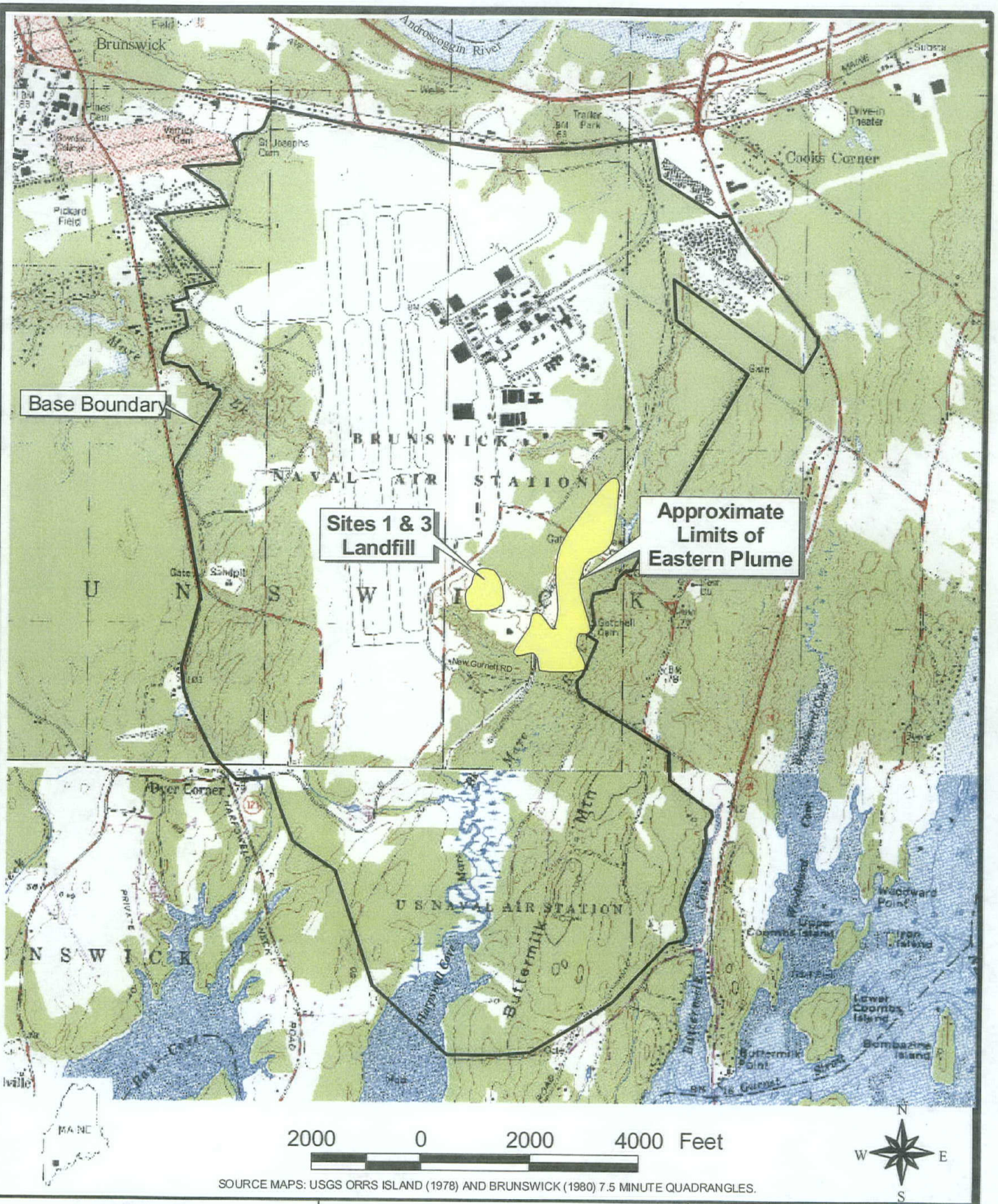
- Drainage swales should be maintained and kept clear so they function properly.
- To avoid the spread of woody vegetation, and to better maintain the cap, the frequency of mowing the cap needs to be increased.
- All outlets/outfalls should be kept clear from blockages.
- Develop an Operation and Maintenance Plan.

3.3 ADDITIONAL DATA COLLECTION AND REVIEW

- Continue to develop criteria that can be used to assess the degree of natural attenuation of chlorinated VOCs within the Eastern Plume and present it for discussion with the Restoration Advisory Board members. As a starting point for this discussion, the Navy protocol for use of natural attenuation is suggested as the default evaluation criteria. Following these discussions, establish sampling protocols necessary to collect natural attenuation parameters and begin collection of data related to natural attenuation indicator parameters.

- Assess the potential for using the monitored natural attenuation remedy at the Eastern Plume. It is recommended that a monitored natural attenuation program for the Eastern Plume be developed and incorporated into the Long-Term Monitoring Program in conjunction with MEDEP and EPA. The results of the monitored natural attenuation program will be evaluated in order to assess: (1) the overall distribution of apparent trends within the dissolved contaminant mass, and (2) whether site conditions are conducive to promoting monitored natural attenuation as a viable remedial option for the Eastern Plume.

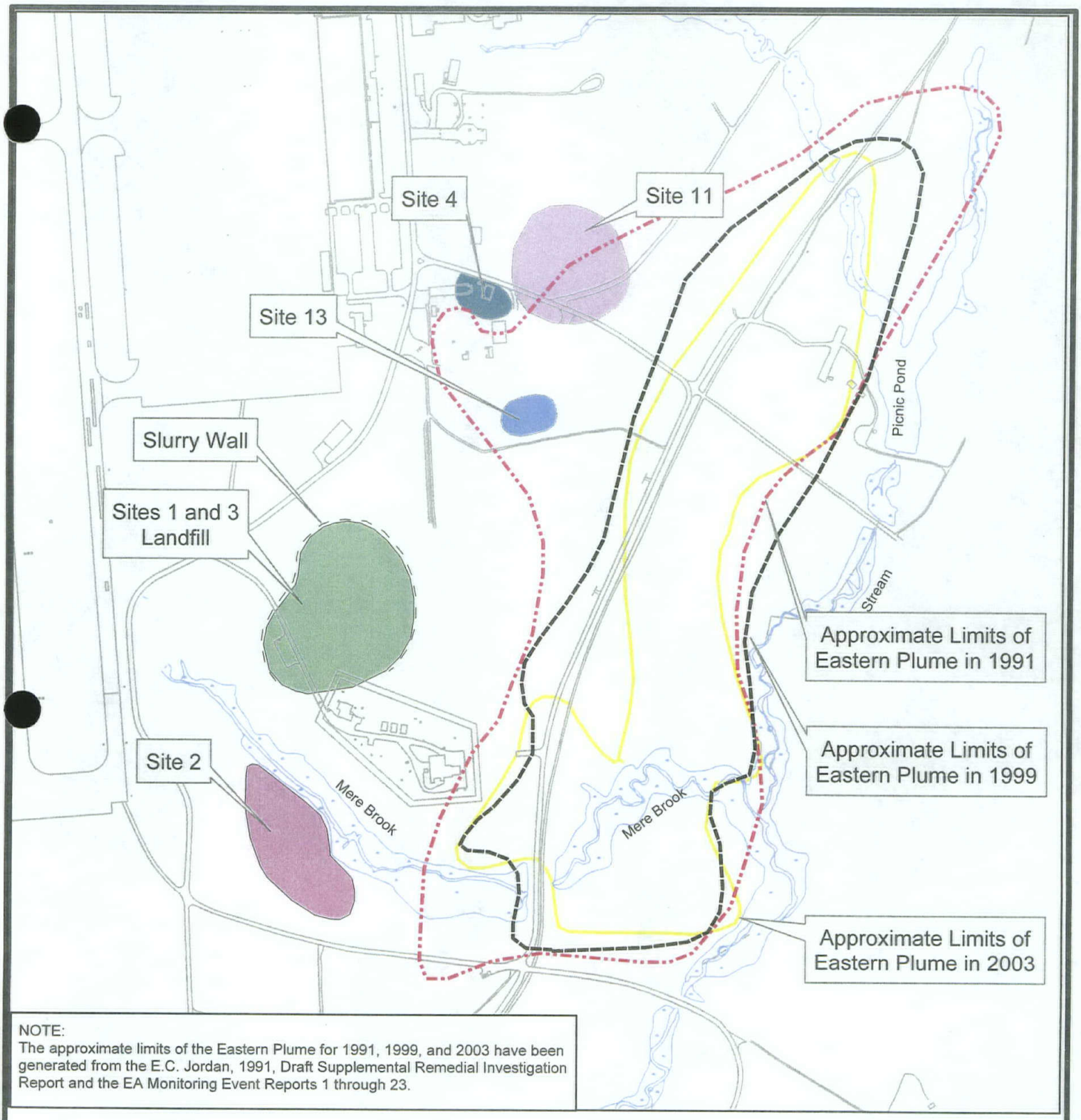
- Continue to collect new data to re-evaluate the operation and efficiency of the existing pump-and-treat remedial system in order to develop an optimization plan for the system.



SOURCE MAPS: USGS ORRS ISLAND (1978) AND BRUNSWICK (1980) 7.5 MINUTE QUADRANGLES.

EA®	SITES 1 AND 3 AND EASTERN PLUME NAVAL AIR STATION, BRUNSWICK, MAINE	FIGURE 1 SITE LOCATION MAP

PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT No	FILE No
ACE	DC	DC	ACE	AS SHOWN	MARCH 2004	29600.47	I:\NASB_GIS\NAVY.APR

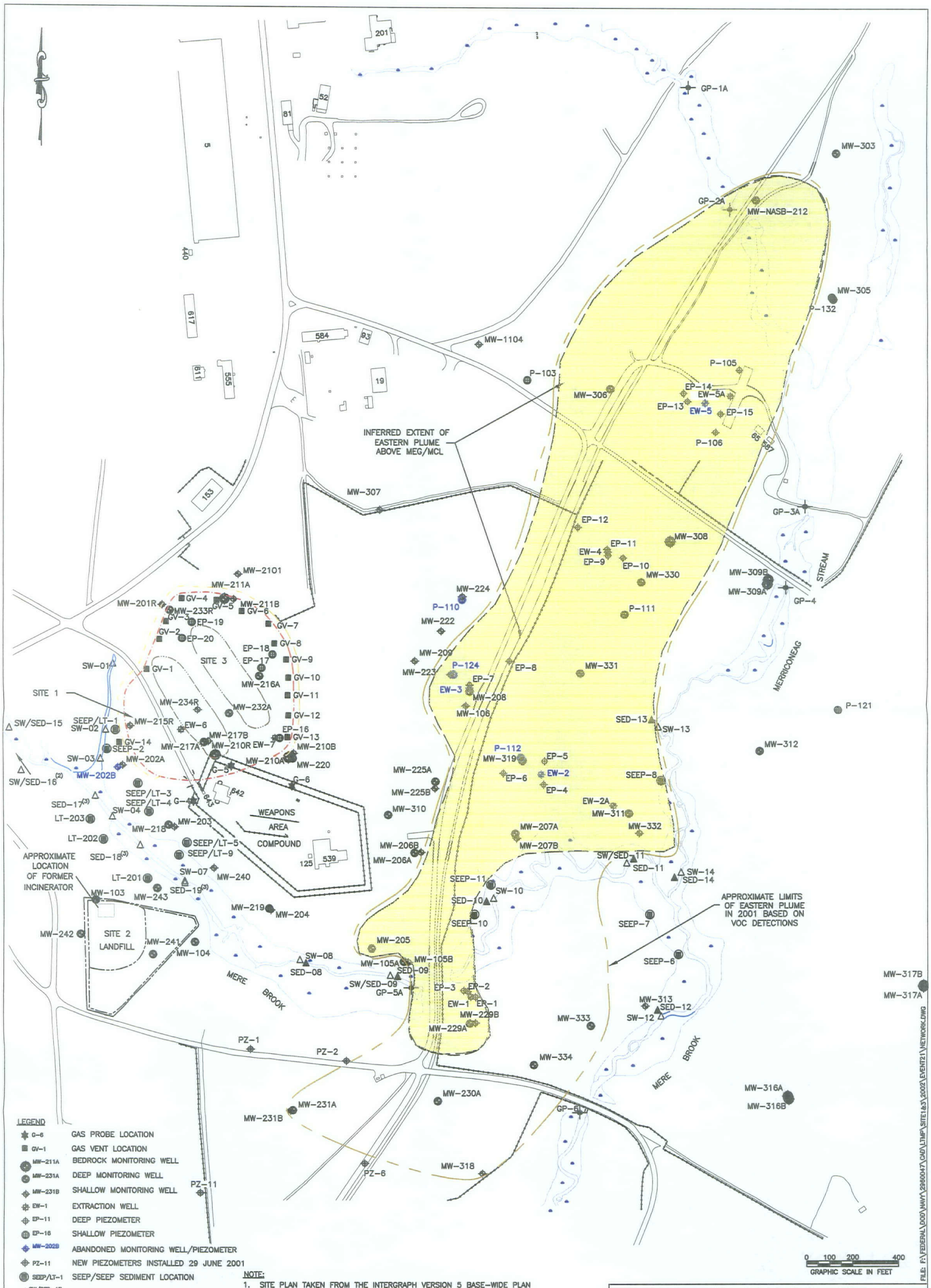


NOTE:
The approximate limits of the Eastern Plume for 1991, 1999, and 2003 have been generated from the E.C. Jordan, 1991, Draft Supplemental Remedial Investigation Report and the EA Monitoring Event Reports 1 through 23.

0 80 160 320 480 640 Feet

N

EA®	NAVAL AIR STATION BRUNSWICK, MAINE					FIGURE 2 SITE PLAN FOR SITES 1 AND 3 AND EASTERN PLUME	
PROJECT MGR: ACE	DESIGNED BY: DC	CREATED BY: DC	CHECKED BY: ACE	SCALE: AS SHOWN	DATE: MAY 2004	PROJECT NO: 2960047	FILE NO: I:\NASB\NASB_fig1-2 sites1&3&ep.mxd



LEGEND

G-6	GAS PROBE LOCATION
GV-1	GAS VENT LOCATION
MW-211A	BEDROCK MONITORING WELL
MW-231A	DEEP MONITORING WELL
MW-231B	SHALLOW MONITORING WELL
EW-1	EXTRACTION WELL
EP-11	DEEP PIEZOMETER
EP-16	SHALLOW PIEZOMETER
MW-202B	ABANDONED MONITORING WELL/PIEZOMETER
PZ-11	NEW PIEZOMETERS INSTALLED 29 JUNE 2001
SEEP/LT-1	SEEP/SEEP SEDIMENT LOCATION
SW/SED-17	SURFACE WATER/SEDIMENT LOCATION
GP-5A	SURFACE WATER GAUGING POINT
	INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
	FENCE
	APPROXIMATE LIMITS OF SLURRY WALL
	APPROXIMATE LIMITS OF SITES 1 AND 3
	APPROXIMATE LIMITS OF FORMER DISPOSAL TRENCHES
	APPROXIMATE BOUNDARY OF SITE 2 LANDFILL
	APPROXIMATE LIMITS OF EASTERN PLUME IN 2000
	INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL

NOTE:

1. SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. SW-16 LOCATED APPROXIMATELY 1,000 FT UPSTREAM OF SITES 1 AND 3.
3. INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL BASED ON MONITORING EVENT 17 DATA (SEPTEMBER 2000).

FIGURE 3

LONG-TERM MONITORING NETWORK

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 3 FEBRUARY 2003		PROJECT NUMBER 29600.47
DESIGNED BY ACE		SCALE 1"=400'
DRAWN BY SAP		FILE NAME NETWORK.DWG
CHECKED BY GMC		DRAWING NUMBER –
PROJECT MANAGER AE		SHEET NUMBER –

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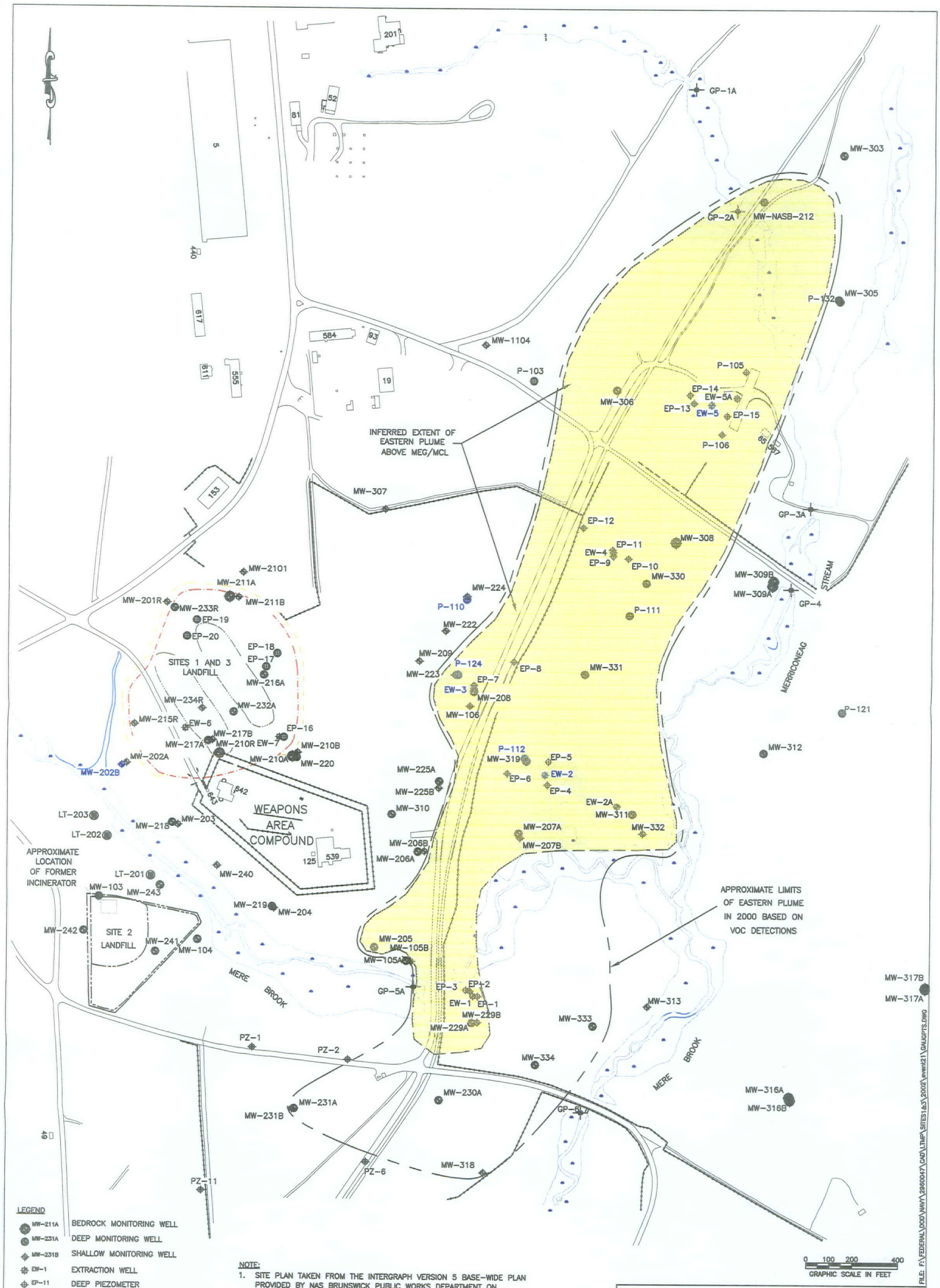

LEGEND

- MW-211A — BEDROCK MONITORING WELL
- MW-231A — DEEP MONITORING WELL
- MW-231B — SHALLOW MONITORING WELL
- EW-1 — EXTRACTION WELL
- EP-11 — DEEP PIEZOMETER
- EP-16 — SHALLOW PIEZOMETER
- GP-5 — SURFACE WATER GAUGING POINT
- MW-202B — ABANDONED MONITORING WELL/PIEZOMETER
- PZ-11 — NEW PIEZOMETERS INSTALLED 29 JUNE 2001
- INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
- APPROXIMATE LIMITS OF EASTERN PLUME IN 2000
- INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 AND 3
- APPROXIMATE BOUNDARY OF SITE 2 LANDFILL
- APPROXIMATE LIMITS OF FORMER DISPOSAL TRENCHES

NOTE:

1. SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL BASED ON MONITORING EVENT 20 DATA (APRIL 2002).

FIGURE 4

LONG-TERM MONITORING GAUGING LOCATIONS

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 3 FEBRUARY 2003		PROJECT NUMBER 29600.47
DESIGNED BY ACE		SCALE 1"=400'
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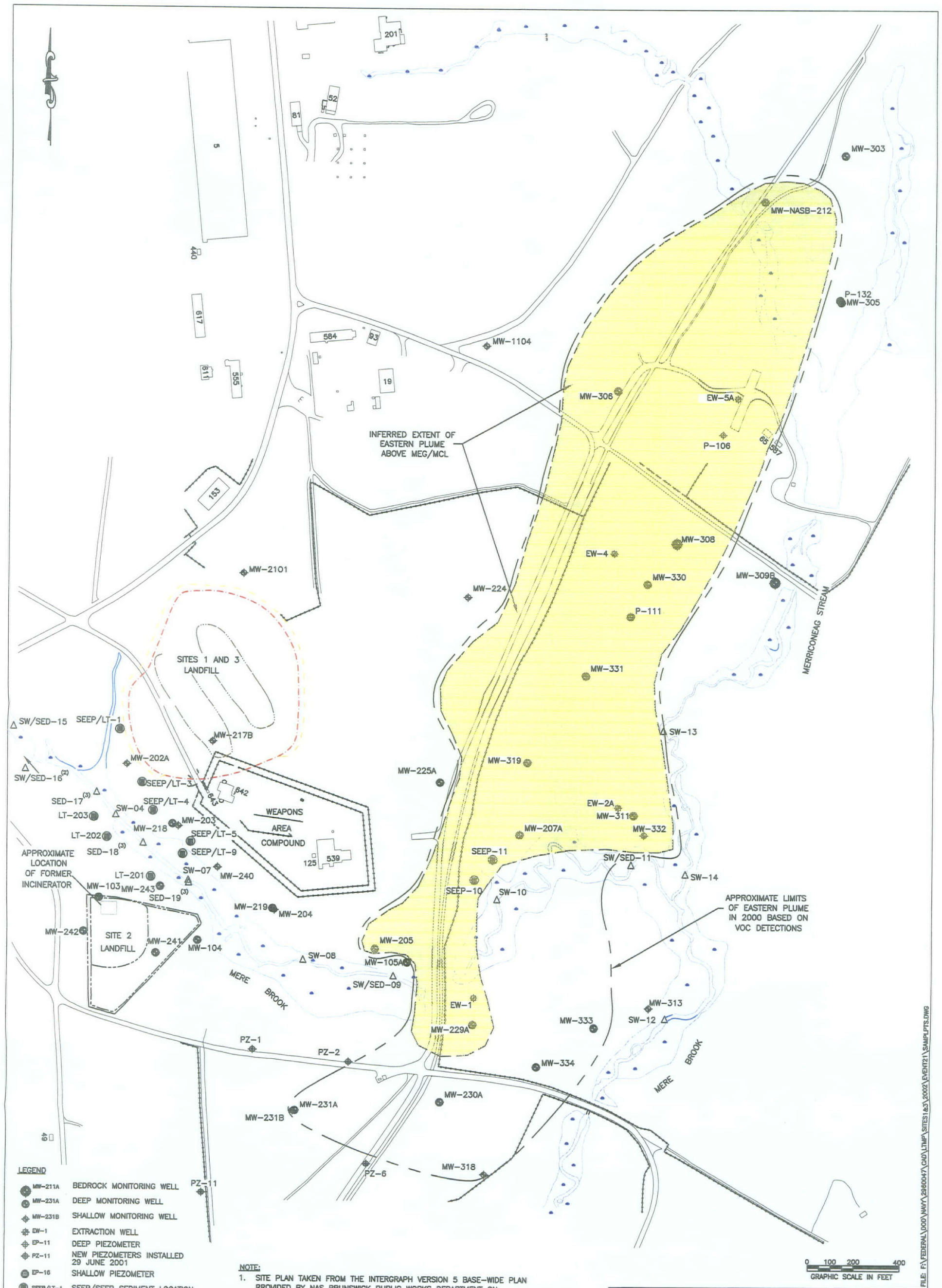

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LEGEND

MW-211A	BEDROCK MONITORING WELL
MW-231A	DEEP MONITORING WELL
MW-231B	SHALLOW MONITORING WELL
EW-1	EXTRACTION WELL
EP-11	DEEP PIEZOMETER
PZ-11	NEW PIEZOMETERS INSTALLED 29 JUNE 2001
EP-16	SHALLOW PIEZOMETER
SEEP/LT-1	SEEP/SEEP SEDIMENT LOCATION
SW/SED-11	SURFACE WATER/SEDIMENT LOCATION
	FENCE
	APPROXIMATE LIMITS OF SLURRY WALL
	APPROXIMATE LIMITS OF SITES 1 AND 3
	APPROXIMATE BOUNDARY OF SITE 2 LANDFILL
	APPROXIMATE LIMITS OF FORMER DISPOSAL TRENCHES
	APPROXIMATE LIMITS OF EASTERN PLUME IN 2000 INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL
	INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION

NOTE:

1. SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. SW-16 LOCATED APPROXIMATELY 1,000 FT UPSTREAM OF SITES 1 AND 3.
3. INFERRED EXTENT OF EASTERN PLUME ABOVE MEG/MCL BASED ON MONITORING EVENT 20 DATA (APRIL 2002).

FIGURE 5

LONG-TERM MONITORING SAMPLING LOCATIONS

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 3 FEBRUARY 2003	EA	PROJECT NUMBER 29600.47
DESIGNED BY ACE		SCALE 1"=400'
DRAWN BY SAP		FILE NAME SAMPLPTS.DWG
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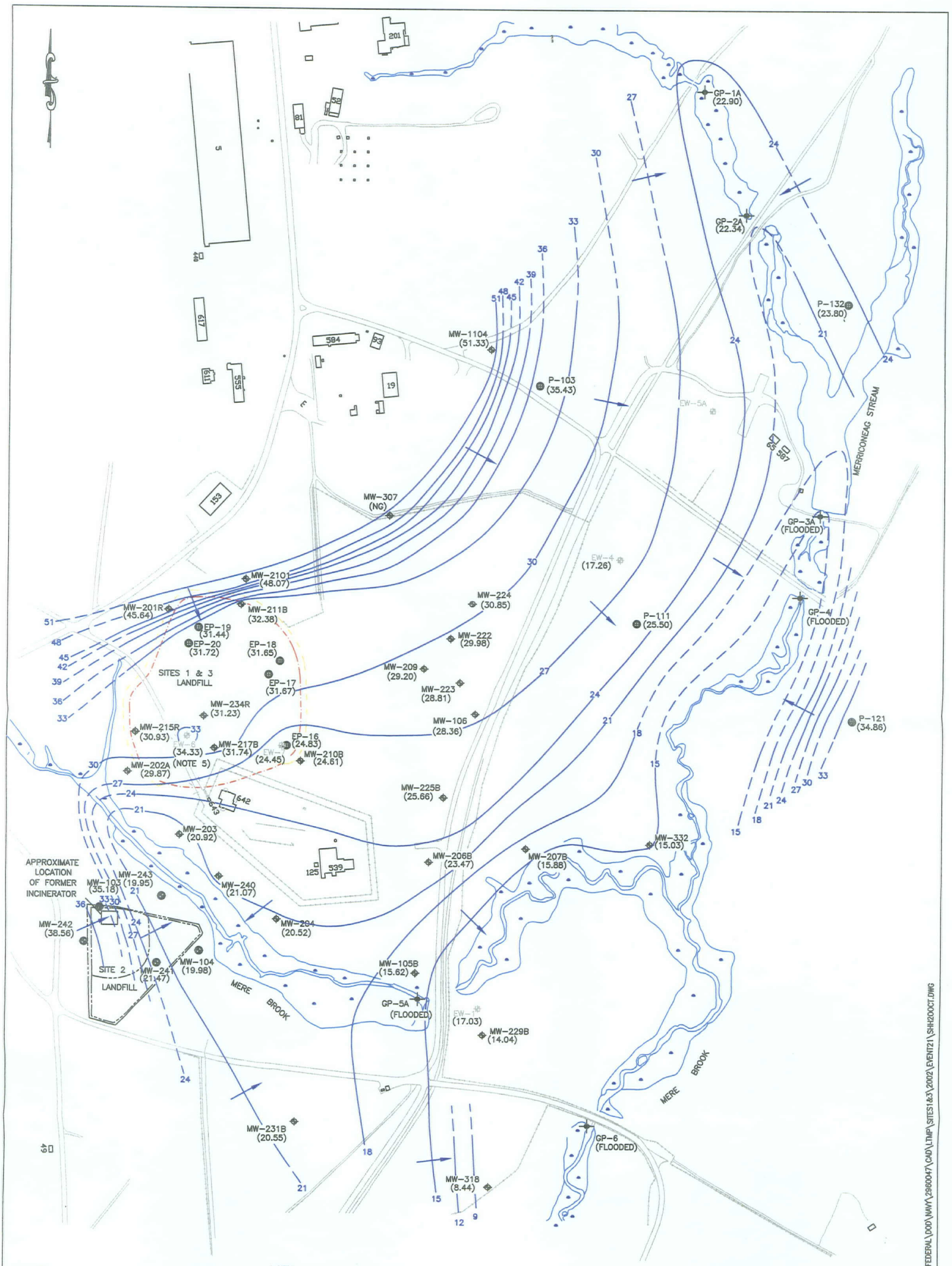

LEGEND

- MW-231B (20.55) SHALLOW MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EW-1 (17.03) EXTRACTION WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EP-16 (24.83) SHALLOW PIEZOMETER (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- GP-6 (FLOODED) SHALLOW PIEZOMETER (SURFACE WATER ELEVATION, FT MSL)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- 27 GROUNDWATER CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTE:

1. WATER LEVEL DATA COLLECTED 7–22 OCTOBER 2002. 0.02 IN. OF PRECIPITATION (RAIN) WAS NOTED 1 WEEK BEFORE AND DURING GAUGING PERIOD.
2. CONTOUR INTERVAL = 3 FT.
3. SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE–WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
4. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
5. THE DEPTH OF GROUNDWATER DURING OCTOBER 2002 AT MONITORING WELL EW–06 WAS 34.33 FT MEAN SEA LEVEL.

NG = NOT GAUGED.

"FLOODED" INDICATES THAT DURING ME 21, THE GAUGING STATIONS WERE UNREACHABLE DUE TO FLOODED AREAS AS A RESULT OF BEAVER ACTIVITIES.

FIGURE 6
INTERPRETED SHALLOW GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR MAP, 7–22 OCTOBER 2002

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 28 OCTOBER 2002		PROJECT NUMBER 29600.47
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DRAWN BY SAP		FILE NAME SHH20OCT.DWG
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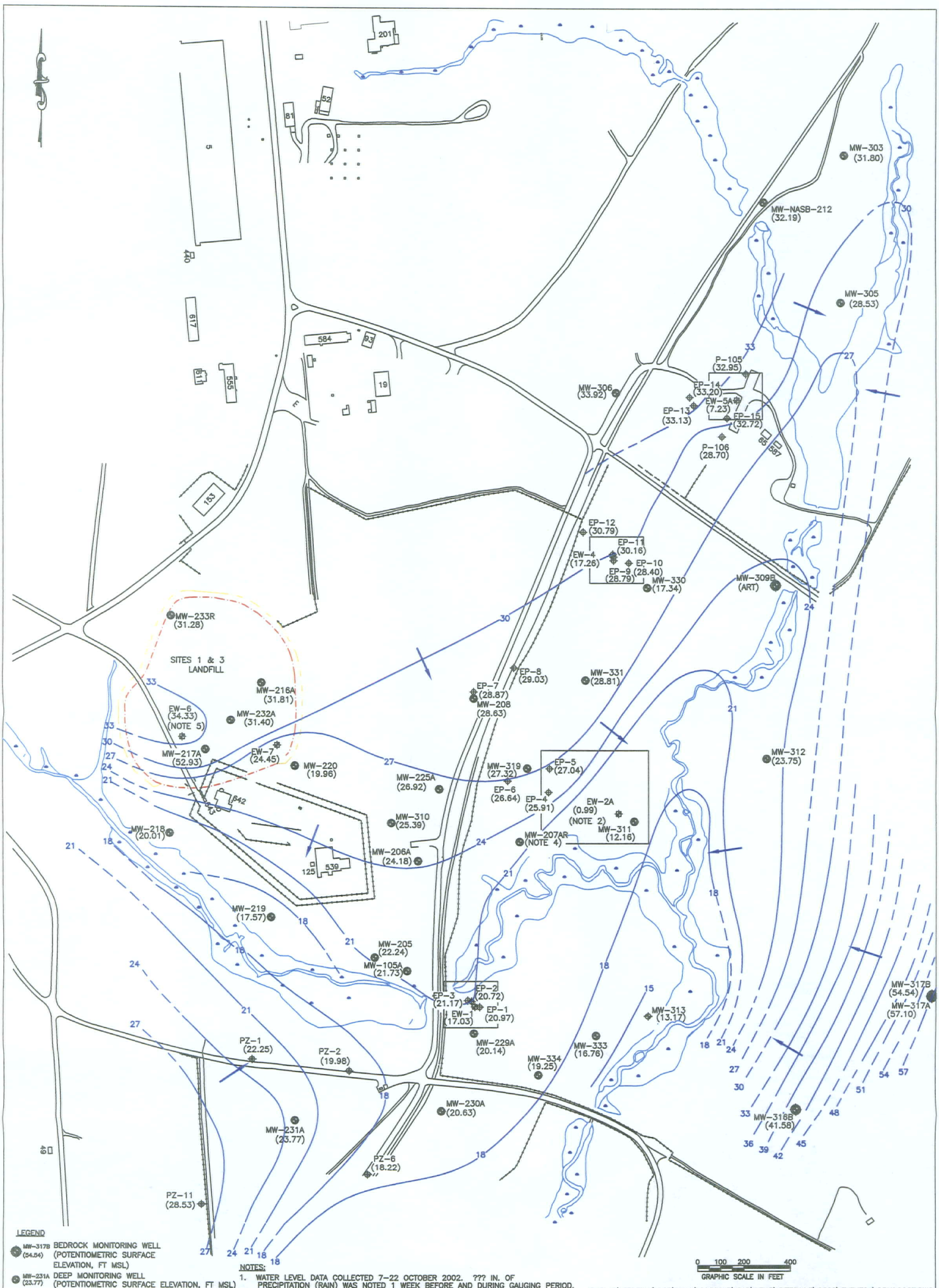

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LEGEND

- MW-317B (54.54) BEDROCK MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- MW-231A (23.77) DEEP MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EW-1 (17.14) EXTRACTION WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EP-11 (17.03) DEEP PIEZOMETER (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- PZ-11 (28.53) NEW PIEZOMETERS INSTALLED 29 JUNE 2001 (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- 27 GROUNDWATER CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. WATER LEVEL DATA COLLECTED 7–22 OCTOBER 2002. ??? IN. OF PRECIPITATION (RAIN) WAS NOTED 1 WEEK BEFORE AND DURING GAUGING PERIOD.
2. THE 3, 0, –3, –6, –9, –12, AND –15 FT CONTOURS ENCOMPASS EW–2A ALTHOUGH THEY COULD NOT BE DISPLAYED DUE TO MAP SCALE (SEE FIGURE 7, DETAIL B).
3. CONTOUR INTERVAL = 3 FT.
4. WELL REPLACED, NO SURVEY DATA PRESENTLY AVAILABLE.
5. WATER IN VAULT. UNABLE TO CHECK STATUS OF BOTTOM OF VAULT PREVIOUSLY REPORTED THAT THE VAULT APPEARED TO BE SINKING.
6. SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE–WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
7. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
8. ART = ARTESIAN

FIGURE 7

INTERPRETED DEEP GROUNDWATER POTENTIOMETRIC SURFACE CONTOUR MAP, 7–22 OCTOBER 2002

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 28 OCTOBER 2002		PROJECT NUMBER 29600.47
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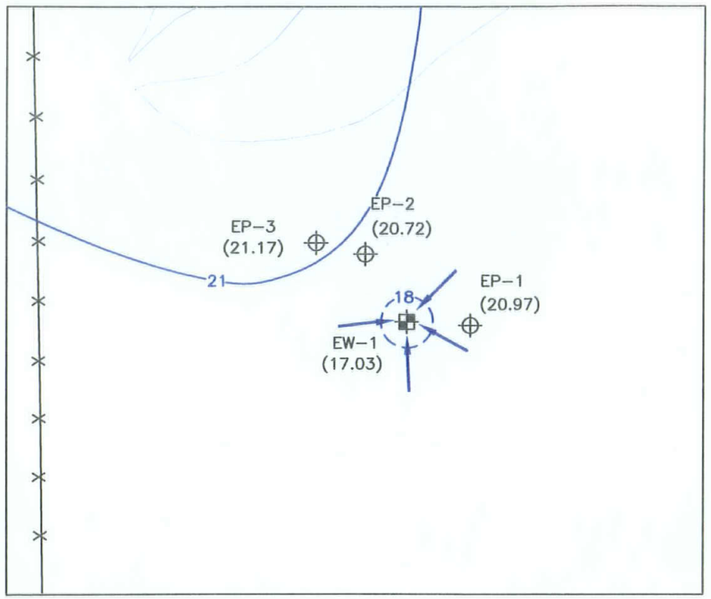
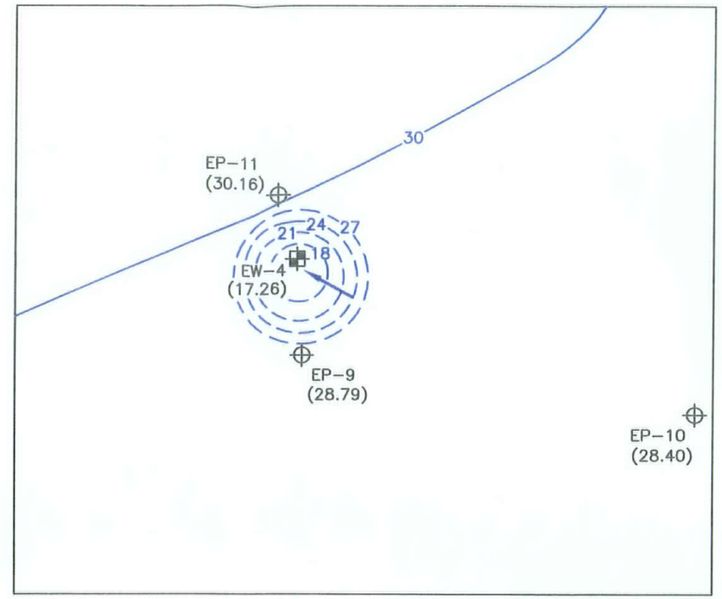


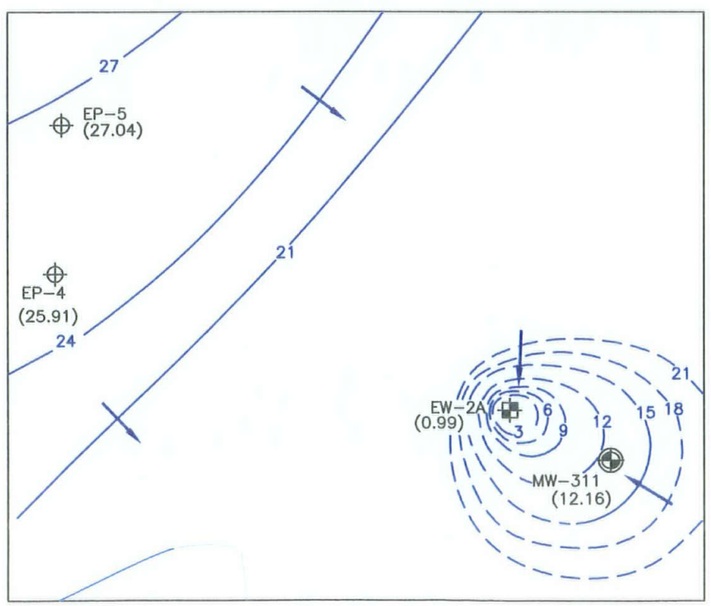
DETAIL A

0 25 50
GRAPHIC SCALE IN FEET



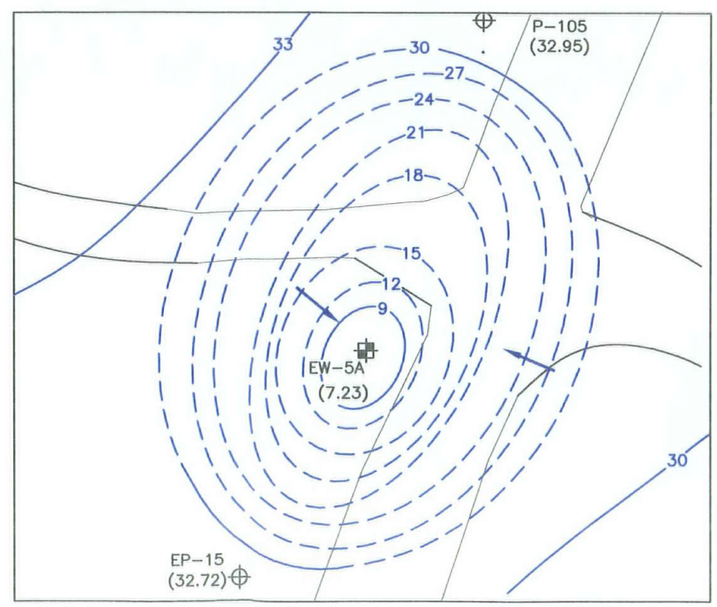
DETAIL C

0 25 50
GRAPHIC SCALE IN FEET



DETAIL B

0 25 50 100
GRAPHIC SCALE IN FEET



DETAIL D

0 25 50
GRAPHIC SCALE IN FEET

LEGEND

- MW-311 (12.16) — DEEP MONITORING WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EW-4 (17.26) — EXTRACTION WELL (POTENTIOMETRIC SURFACE ELEVATION, FT MSL)
- EP-10 (28.40) — PIEZOMETER (WATER TABLE ELEVATION, FT MSL)
- 27 — GROUNDWATER CONTOUR (FT MSL) (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTES:

1. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
2. INFERRED CONE OF DEPRESSION SHOWN WHERE MINIMAL DATA ARE PRESENT. CONE OF DEPRESSION MAY BE SMALLER THAN INFERRED SIZE.

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FIGURE 8
EXTRACTION WELL DETAIL MAP, 7 OCTOBER 2002
DEEP POTENTIOMETRIC SURFACE

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 28 OCTOBER 2002		PROJECT NUMBER 29600.47
DESIGNED BY SAP		SCALE AS SHOWN
DRAWN BY SAP		FILE NAME DPEXOCT.DWG
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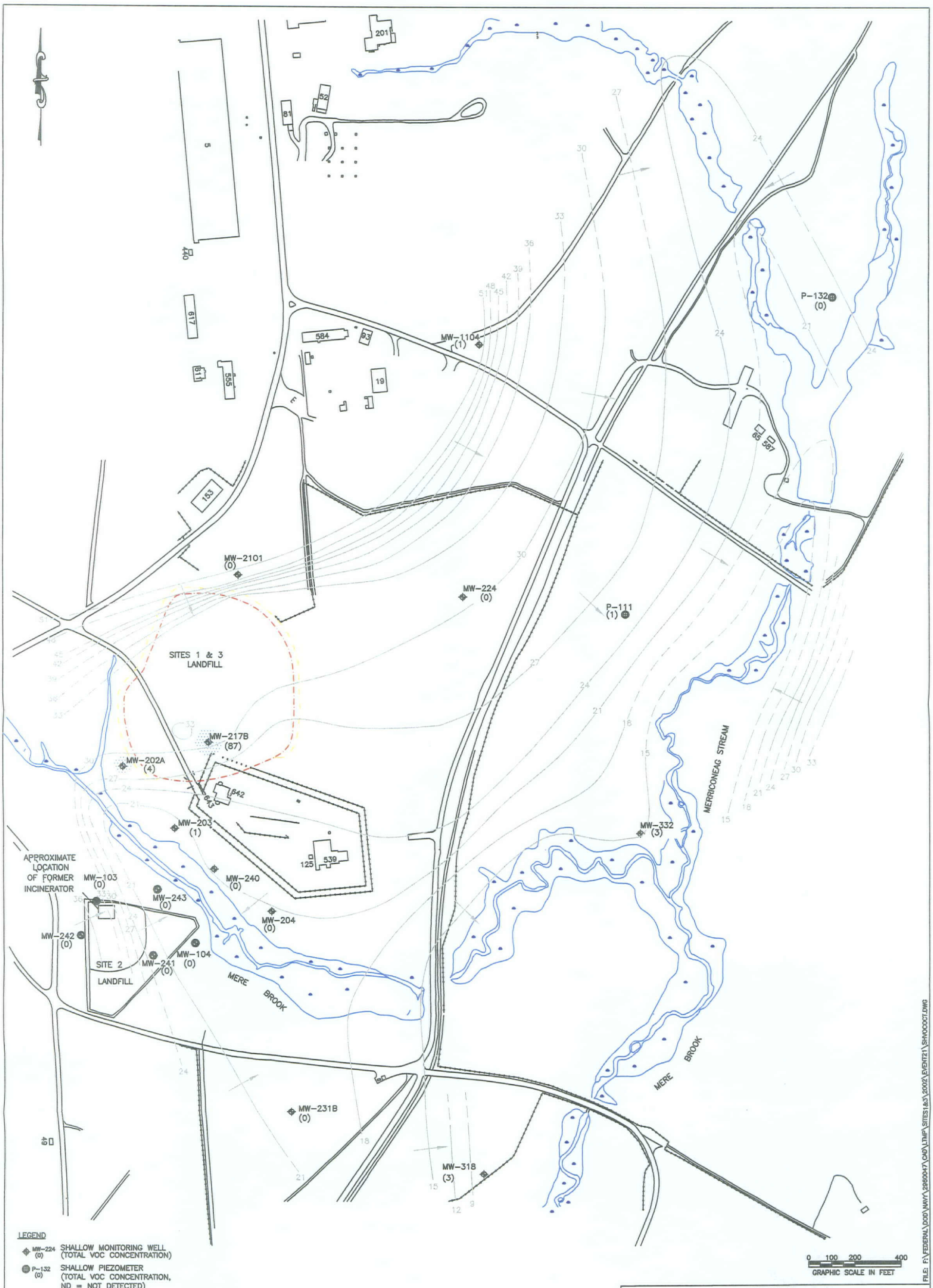

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LEGEND

- MW-224 (0) — SHALLOW MONITORING WELL (TOTAL VOC CONCENTRATION)
- P-132 (0) — SHALLOW PIEZOMETER (TOTAL VOC CONCENTRATION, ND = NOT DETECTED)
- INFERRED AREA ABOVE STATE MEG/FEDERAL MCL CONCENTRATION
- 100 — 100 ug/L TOTAL VOC CONTOUR (DASHED WHERE INFERRED)
- FENCE
- APPROXIMATE LIMITS OF SLURRY WALL
- APPROXIMATE LIMITS OF SITES 1 & 3
- 27 — GROUNDWATER CONTOUR (FT MSL) FOR 29 – 30 OCTOBER 2001 FROM FIGURE 5 (DASHED WHERE INFERRED)
- INFERRED GROUNDWATER FLOW DIRECTION

NOTE:

1. SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.
2. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
3. SITE 2, TOTAL VOC CONCENTRATIONS ARE PROVIDED IN THE MONITORING EVENT 5 REPORT FOR SITE 2, APRIL 2002 (SEE TABLE A-1)

FIGURE 9
INTERPRETED TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION CONTOUR MAP
SHALLOW WELLS, MONITORING EVENT 21
SITES 1 AND 3 AND EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 28 OCTOBER 2002	EA	PROJECT NUMBER 29600.47
DESIGNED BY SAP		SCALE 1"=400'
DRAWN BY SAP		FILE NAME SHVOCOCT.DWG
CHECKED BY GMC		DRAWING NUMBER –
PROJECT MANAGER ACE		SHEET NUMBER –

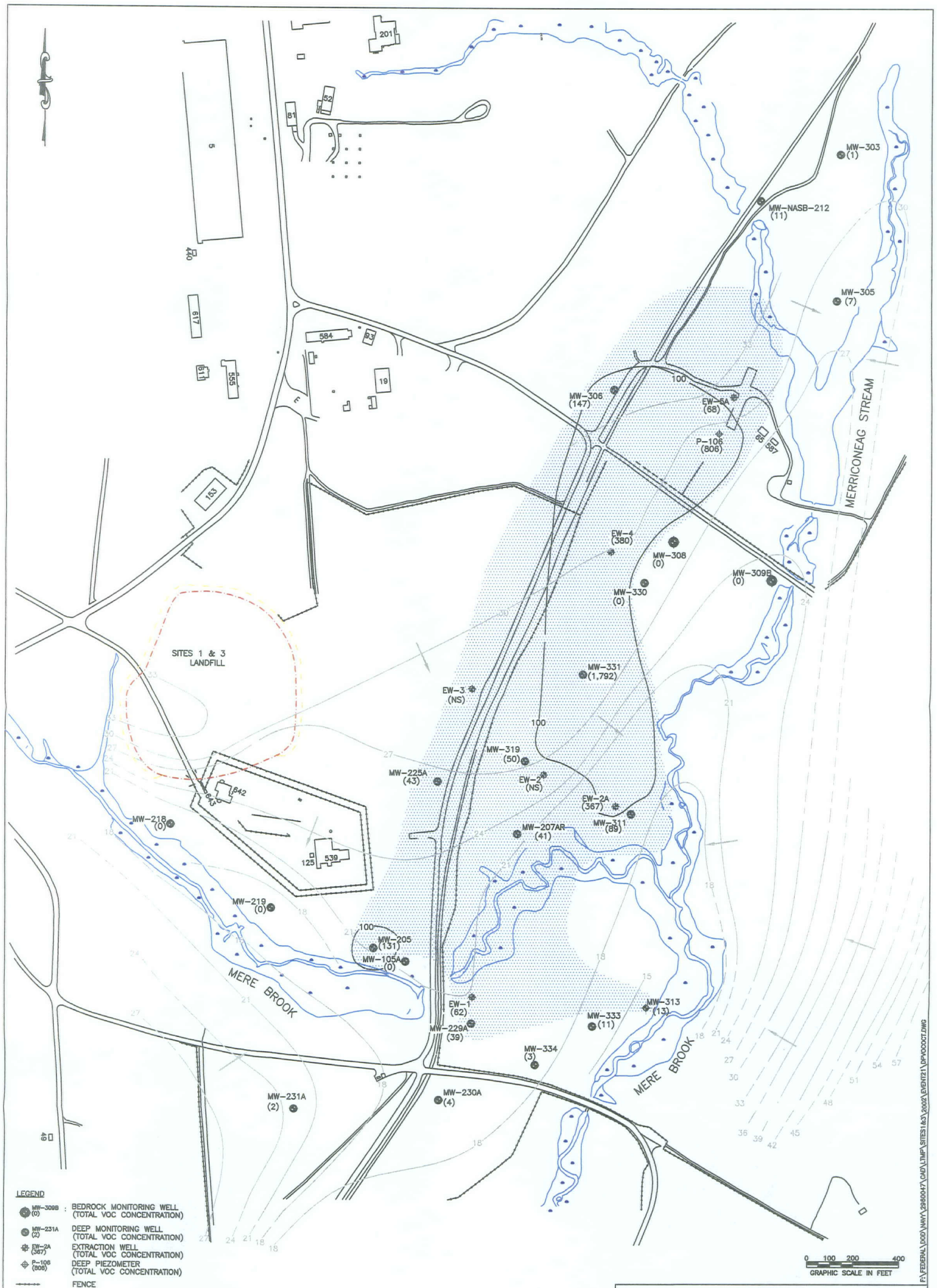

FIGURE 10
INTERPRETED TOTAL VOLATILE ORGANIC COMPOUND CONCENTRATION CONTOUR MAP
DEEP WELLS, MONITORING EVENT 21

SITES 1 AND 3 AND EASTERN PLUME

NAVAL AIR STATION, BRUNSWICK, MAINE

DATE 28 OCTOBER 2002		PROJECT NUMBER 29600.47
DESIGNED BY SAP		SCALE 1"=400'
DRAWN BY SAP		FILE NAME DPVOCOCT.DWG
CHECKED BY GMC		DRAWING NUMBER –
PROJECT MANAGER ACE		SHEET NUMBER –

TABLE 1 SUMMARY OF LONG-TERM MONITORING PROGRAM AT SITES 1 AND 3

Sample Type/Location	Monitoring Frequency	Slurry Wall	Sample Parameters			Monitoring Event 21	
			TCL VOC	TAL Elements	Field Parameters[a]	Gauged	Sampled
Shallow Monitoring Wells							
MW-201R	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-202A	Bi-Annual	Outside	X	X	X	X	X
MW-202B	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-203	Bi-Annual	Outside	X	X	X	X	X
MW-204	Bi-Annual	Outside	X	X	X	X	X
MW-210B	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-211B	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-215R	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-217B	Bi-Annual	Inside	X	X[b]	X	X	X
MW-234R	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-240	Bi-Annual	Outside	X	X	X	X	X
MW-2101	Bi-Annual	Outside	X	X	X	X	X
Deep Monitoring Wells							
MW-216A	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-217A	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-218	Bi-Annual	Outside	X	X	X	X	X
MW-219	Bi-Annual	Outside	X	X	X	X	X
MW-220	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-232A	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-233R	Bi-Annual	Inside	NR	NR	NR	X	NR
Bedrock Wells							
MW-210A	Bi-Annual	Outside	NR	NR	NR	X	NR
MW-210R	Bi-Annual	Inside	NR	NR	NR	X	NR
MW-211A	Bi-Annual	Inside	NR	NR	NR	X	NR
Extraction Wells							
EW-06	Bi-Annual	Inside	NR	NR	NR	X	NR
EW-07	Bi-Annual	Inside	NR	NR	NR	X	NR
Shallow EP-Series Piezometers							
EP-16	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-17	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-18	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-19	Bi-Annual	Inside	NR	NR	NR	X	NR
EP-20	Bi-Annual	Inside	NR	NR	NR	X	NR

(a) Determination of field parameters in accordance with U.S. Environmental Protection Agency 600/4-79/020 using the following methods: pH (Method 150.1), temperature (Method 170.1), specific conductance (Method 120.1), and turbidity (Method 180.1); optional field parameters, including dissolved oxygen (Method 360.1) and Eh, were also recorded. Includes water level measurement.

(b) The groundwater sample was collected utilizing the diffusion sampler and low-flow sampling methods.

NOTE: TCL = Target Compound List.
VOC = Volatile organic compounds (EPA SW-846).
TAL = Target Analyte List.
NR = Not required.

Sample Type/Location	Monitoring Frequency	Sample Parameters			Monitoring Event 21	
		TCL VOC	TAL Elements	Field Parameters[a]	Gauged	Sampled
Leachate Station Seep						
SEEP-1	Bi-Annual	X	X	X	NR	X
SEEP-2	B-Annual	X	X	X	NR	Dry
SEEP-3	Bi-Annual	X	X	X	NR	X
SEEP-4	Bi-Annual	X	X	X	NR	X
SEEP-5	Bi-Annual	X	X	X	NR	X
SEEP-9	Bi-Annual	X	X	X	NR	X
Leachate Station Sediment						
LT-1	Bi-Annual	X	X	NR	NR	X
LT-2	Bi-Annual	X	X	NR	NR	Dry
LT-3	Bi-Annual	X	X	NR	NR	X
LT-4	Bi-Annual	X	X	NR	NR	X
LT-5	Bi-Annual	X	X	NR	NR	X
LT-9	Bi-Annual	X	X	NR	NR	X
Surface Water						
SW-4	Bi-Annual	X	X	X	NR	X
SW-7	Bi-Annual	X	X	X	NR	X
SW-8	Bi-Annual	X	X	X	NR	X
SW-9	Bi-Annual	X	X	X	NR	X
SW-15	Bi-Annual	NR	X	X	NR	X
SW-16	Bi-Annual	NR	X	X	NR	X
Sediment						
SED-9	Annual	X	X	NR	NR	X[c]
SED-15	Annual	X	X	NR	NR	X[c]
SED-16	Annual	X	X	NR	NR	X[c]
SED-17	Annual	X	X	NR	NR	X[c]
SED-18	Annual	X	X	NR	NR	X[c]
SED-19	Annual	X	X	NR	NR	X[c]

(c) Samples were analyzed for pesticides by EPA Method 8081A, and grain size and total organic carbon by Lloyd Kahn.

TABLE 2 SUMMARY OF LONG-TERM MONITORING PROGRAM AT EASTERN PLUME

Sample Type/Location	Monitoring Frequency	Well Location	Sample Parameters		Monitoring Event 21	
			TCL VOC	Field Parameters[a]	Gauged	Sampled
Shallow Monitoring Wells						
MW-105 B	Bi-Annual	Perimeter	NR	NR	X	NR
MW-106	Bi-Annual	NA	NR	NR	X	NR
MW-206 B	Bi-Annual	NA	NR	NR	X	NR
MW-207 B	Bi-Annual	NA	NR	NR	X	NR
MW-209	Bi-Annual	NA	NR	NR	X	X
MW-222	Bi-Annual	NA	NR	NR	X	NR
MW-223	Bi-Annual	NA	NR	NR	X	NR
MW-224	Bi-Annual	Perimeter	X	X[b]	X	X
MW-225 B	Bi-Annual	NA	NR	NR	X	NR
MW-229 B	Bi-Annual	NA	NR	NR	X	NR
MW-231B	Bi-Annual	Sentinel	X	X[c]	X	X
MW-307	Bi-Annual	NA	NR	NR	X	NR
MW-318	Bi-Annual	Sentinel	X	X[c]	X	X
MW-332	Bi-Annual	Interior Plume	X	X[b]	X	X
MW-1104	Bi-Annual	Perimeter	X	X[c]	X	X
Deep Monitoring Wells						
MW-105 A	Bi-Annual	Perimeter	X	X[b]	X	X
MW-205	Bi-Annual	Interior Plume	X	X[b]	X	X
MW-206 A	Bi-Annual	NA	NR	NR	X	NR
MW-207 A	Bi-Annual	Interior Plume		Destroyed		
MW-207 AR	Bi-Annual	Interior Plume	X	X	X	X
MW-208	Bi-Annual	NA	NR	NR	X	NR
MW-225 A	Bi-Annual	Perimeter	X	X[c]	X	X
MW-229 A	Bi-Annual	Perimeter	X	X[b]	X	X
MW-230 A	Bi-Annual	Sentinel	X	X[c]	X	X
MW-231A	Bi-Annual	Sentinel	X	X[c]	X	X
MW-303	Bi-Annual	Sentinel	X	X[c]	X	X
MW-305	Bi-Annual	Sentinel	X	X[c]	X	X
MW-306	Bi-Annual	Perimeter	X	X[b]	X	X
MW-310	Bi-Annual	NA	NR	NR	X	NR
MW-311	Bi-Annual	Interior Plume	X	X[b]	X	X

(a) Determination of field parameters in accordance with U.S. Environmental Protection Agency 600/4-79/020 using the following methods: pH (Method 150.1), temperature (Method 170.1), specific conductance (Method 120.1), and turbidity (Method 180.1); optional field parameters, including dissolved oxygen (Method 360.1) and Eh, were also recorded. Includes water level measurement.
(b) The groundwater sample was collected utilizing the diffusion sampler method.
(c) The groundwater sample was collected utilizing the diffusion sampler and low-flow sampling methods.

NOTE:
TCL = Target Compound List.
VOC = Volatile organic compounds.
NR = Sampling is not required as per draft final Long-Term Monitoring Plan (EA 1999a).
NA = Not applicable. Well is not sampled, therefore, location is not indicated.
Perimeter Well = Located at the edge of the plume to monitor concentrations of plume boundary.
Sentinel Well = Outside area of known contamination to be used to warn of plume migration.
Interior Plume Well = Within area of known contamination to monitor plume migration.

Sample Type/Location	Monitoring Frequency	Well Location	Sample Parameters		Monitoring Event 21	
			TCL VOC	Field Parameters[a]	Gauged	Sampled
Deep Monitoring Wells (Continued)						
MW-312	Bi-Annual	NA	NR	NR	X	NR
MW-313	Bi-Annual	Sentinel	X	X[c]	X	X
MW-319	Bi-Annual	Interior Plume	X	X[b]	X	X
MW-330	Bi-Annual	Perimeter	X	X[c]	X	X
MW-331	Bi-Annual	Interior Plume	X	X[b]	X	X
MW-333	Bi-Annual	Sentinel	X	X[c]	X	X
MW-334	Bi-Annual	Sentinel	X	X[c]	X	X
MW-NASB-212	Bi-Annual	Perimeter	X	X[b]	X	X
Bedrock Monitoring Wells						
MW-308	Bi-Annual	Sentinel	X	X[c]	X	X
MW-309 A	Bi-Annual	NA	NR	NR	X	NR
MW-309 B	Bi-Annual	Sentinel	X	X[c]	X	X
MW-316A	Bi-Annual	NA	NR	NR	X	NR
MW-316B	Bi-Annual	NA	NR	NR	X	NR
MW-317A	Bi-Annual	NA	NR	NR	X	NR
MW-317B	Bi-Annual	NA	NR	NR	X	NR
Shallow P-Series Piezometers						
P-103	Bi-Annual	NA	NR	NR	X	NR
P-111	Bi-Annual	Perimeter	X	X	X	X
P-121	Bi-Annual	NA	NR	NR	X	NR
P-132	Bi-Annual	Sentinel	X	X[c]	X	X
Deep P-Series Piezometers						
PZ-1	Bi-Annual	NA	NR	NR	X	NR
PZ-2	Bi-Annual	NA	NR	NR	X	NR
PZ-6	Bi-Annual	NA	NR	NR	X	NR
PZ-11	Bi-Annual	NA	NR	NR	X	NR
P-105	Bi-Annual	NA	NR	NR	X	NR
P-106	Bi-Annual	Interior Plume	X	X	X	X
Extraction Wells						
EW-01	Bi-Annual	Interior Plume	X	X	X	X
EW-02A	Bi-Annual	Interior Plume	X	X	X	X
EW-04	Bi-Annual	Interior Plume	X	X	X	X
EW-05A	Bi-Annual	Interior Plume	X	X	X	X
Deep EP-Series Piezometers						
EP-01	Bi-Annual	NA	NR	NR	X	NR
EP-02	Bi-Annual	NA	NR	NR	X	NR
EP-03	Bi-Annual	NA	NR	NR	X	NR
EP-04	Bi-Annual	NA	NR	NR	X	NR
EP-05	Bi-Annual	NA	NR	NR	X	NR
EP-06	Bi-Annual	NA	NR	NR	X	NR
EP-07	Bi-Annual	NA	NR	NR	X	NR
EP-09	Bi-Annual	NA	NR	NR	X	NR
EP-10	Bi-Annual	NA	NR	NR	X	NR
EP-11	Bi-Annual	NA	NR	NR	X	NR
EP-12	Bi-Annual	NA	NR	NR	X	NR
EP-13	Bi-Annual	NA	NR	NR	X	NR
EP-14	Bi-Annual	NA	NR	NR	X	NR
EP-15	Bi-Annual	NA	NR	NR	X	NR

Sample Type/Location	Monitoring Frequency	Well Location	Sample Parameters		Monitoring Event 21	
			TCL VOC	Field Parameters[a]	Gauged	Sampled
Surface Water						
SW-10	Bi-Annual	NA	X	X	NR	X
SW-11	Bi-Annual	NA	X	X	NR	X
SW-12	Bi-Annual	NA	X	X	NR	X
SW-13	Bi-Annual	NA	X	X	NR	X
SW-14	Bi-Annual	NA	X	X	NR	X
GP-1A	Bi-Annual	NA	NR	NR	X	NR
GP-2A	Bi-Annual	NA	NR	NR	X	NR
GP-3A	Bi-Annual	NA	NR	NR	X	NR
GP-4	Bi-Annual	NA	NR	NR	X	NR
GP-5A	Bi-Annual	NA	NR	NR	X	NR
GP-6	Bi-Annual	NA	NR	NR	X	NR
Seep						
SEEP-10	Bi-Annual		X	X	NR	Dry
SEEP-11	Bi-Annual		X	X	NR	X

TABLE 3 MONITORING WELL GAUGING SUMMARY FOR 7 OCTOBER 2002 SITES 1 AND 3

Well Designation	Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of well riser)	Slurry Wall	Depth to Water (ft below top of well riser)	Groundwater Elevation (ft MSL)
Shallow Monitoring Wells					
MW-201R	58.88	49.08	Outside	13.24	45.64
MW-202A	52.40	31.09	Outside	22.53	29.87
MW-203	52.75	42.04	Outside	31.83	20.92
MW-204	50.50	37.18	Outside	29.98	20.52
MW-210B	54.72	40.50	Outside	30.11	24.61
MW-211B	65.44	36.50	Inside	33.06	32.38
MW-215R	62.26	59.00	Inside	31.33	30.93
MW-217B	61.25	32.90	Inside	29.51	31.74
MW-234R	68.55	59.52	Inside	37.32	31.23
MW-240	52.21	42.60	Outside	31.14	21.07
MW-2101	61.05	30.00	Outside	12.98	48.07
Deep Monitoring Wells					
MW-216A	71.17	47.71	Inside	39.36	31.81
MW-217A	61.78	47.40	Inside	8.85	52.93
MW-218	54.16	53.54	Outside	34.15	21.01
MW-219	51.87	71.82	Outside	34.30	17.57
MW-220	47.20	51.50	Outside	27.24	19.96
MW-232A	71.18	54.74	Inside	39.78	31.40
MW-233R	63.94	38.71	Inside	32.66	31.28
Bedrock Monitoring Wells					
MW-210A	52.17	106.32	Outside	19.08	33.09
MW-210R	55.90	112.35	Inside	21.97	33.93
MW-211A	65.59	142.76	Inside	25.25	40.34
Extraction Wells					
EW-06	57.74	39.05	Inside	23.41	34.33
EW-07	51.13	38.90	Inside	26.68	24.45
Shallow EP Series Piezometers					
EP-16	58.92	58.77	Inside	34.09	24.83
EP-17	69.73	42.85	Inside	38.06	31.67
EP-18	68.58	38.10	Inside	36.93	31.65
EP-19	68.22	47.30	Inside	36.78	31.44
EP-20	69.55	47.25	Inside	37.83	31.72

NOTE: MSL = Mean sea level.

TABLE 4 MONITORING WELL GAUGING SUMMARY FOR 7 OCTOBER 2002 EASTERN PLUME

Well Designation	Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of well riser)	Depth to Water (ft below top of well riser)	Groundwater Elevation (ft MSL)
Shallow Monitoring Wells				
MW-105B	24.55	21.91	8.93	15.62
MW-106	51.26	37.27	22.90	28.36
MW-206B	42.77	27.17	19.30	23.47
MW-207B	22.90	9.21	7.02	15.88
MW-209	54.84	32.38	25.64	29.20
MW-222	57.43	45.34	27.45	29.98
MW-223	53.71	42.61	24.90	28.81
MW-224	57.63	46.01	26.78	30.85
MW-225B	46.25	42.00	20.59	25.66
MW-229B	30.08	33.14	16.04	14.04
MW-231B	46.31	37.99	25.76	20.55
MW-307	62.70	22.21	(a)	(a)
MW-318	24.28	25.14	15.84	8.44
MW-332	25.33	21.03	10.30	15.03
MW-1104	60.09	27.55	8.76	51.33
Deep Monitoring Wells				
MW-105A	24.19	47.75	2.46	21.73
MW-205	45.99	79.00	23.75	22.24
MW-206A	43.02	74.36	18.84	24.18
MW-207A	Destroyed and replaced with MW-207AR			
MW-207AR	(b)	(b)	0.55	(b)
MW-208	49.40	102.80	20.77	28.63
MW-225A	45.95	76.03	19.03	26.92
MW-229A	33.83	64.97	13.69	20.14
MW-230A	36.32	81.49	15.69	20.63
MW-231A	45.41	61.19	21.64	23.77
MW-303	44.28	72.75	12.48	31.80
MW-305	43.09	53.51	14.56	28.53
MW-306	52.12	56.98	18.20	33.92
MW-310	53.39	73.25	28	25.39
MW-311	21.48	56.25	9.32	12.16
MW-312	35.97	71.15	12.22	23.75
MW-313	21.39	37.47	7.65	13.74
MW-319	40.16	72.60	12.84	27.32
MW-330B	35.71	36.36	18.34	17.37
MW-331	30.54	56.23	1.73	28.81
MW-333	27.25	42.85	10.49	16.76
MW-334	30.93	47.80	11.68	19.25
MW-NASB-212	41.64	64.29	9.45	32.19

(a) Inaccessible during sampling event due to site construction activities.
(b) MW-207AR has not been surveyed.

NOTE: MSL = Mean sea level.

Well Designation	Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of well riser)	Depth to Water (ft below top of well riser)	Groundwater Elevation (ft MSL)
Bedrock Monitoring Wells				
MW-308	37.70	73.25	5.51	32.19
MW-309A	22.84	72.71	Artesian well	Artesian well
MW-309B	22.32	59.25	Artesian well	Artesian well
MW-316A	53.71	103.10	22.78	30.93
MW-316B	54.40	57.85	12.82	41.58
MW-317A	71.35	120.79	14.25	57.10
MW-317B	70.10	96.95	15.56	54.54
Shallow P-Series Piezometers				
P-103	60.35	28.75	24.92	35.43
P-111	31.48	9.98	5.98	25.50
P-121	50.78	17.35	15.92	34.86
P-132	42.95	32.46	19.15	23.80
Deep P-Series Piezometers				
P-105	42.08	70.35	9.73	32.95
P-106	38.83	72.40	10.13	28.70
Extraction Wells				
EW-1	25.34	99.66	8.31	17.03
EW-2A	22.27	66.00	21.28	0.99
EW-4	37.13	69.37	19.87	17.26
EW-5A	37.63	82.00	30.40	7.23
Deep EP-Series Piezometers				
EP-1	31.67	101.22	10.70	20.97
EP-2	29.74	99.00	9.02	20.72
EP-3	27.91	89.21	6.74	21.17
EP-4	32.59	91.11	6.68	25.91
EP-5	34.61	79.85	7.57	27.04
EP-6	40.14	83.51	13.50	26.64
EP-7	48.49	70.20	19.62	28.87
EP-8	47.31	80.38	18.28	29.03
EP-9	37.84	62.46	9.05	28.79
EP-10	37.78	57.73	9.38	28.40
EP-11	41.59	65.03	11.43	30.16
EP-12	49.38	69.61	18.59	30.79
EP-13	38.96	70.93	5.83	33.13
EP-14	43.46	80.05	10.26	33.20
EP-15	45.37	82.68	12.65	32.72
PZ-1	47.88	58.00	25.63	22.25
PZ-2	39.66	55.50	19.68	19.98
PZ-6	33.14	55.60	14.92	18.22
PZ-11	53.66	41.10	25.13	28.53

Surface Water Gauging Stations

Well Designation	Gauging Point Elevation (ft MSL)	Depth to Water (ft below gauging point)	Surface Water Elevation (ft MSL)
GP-1A	25.39	2.49	22.90
GP-2A	23.92	1.58	22.34
GP-3A	25.26	Dry	---
GP-4	18.39	Not collected	---
GP-5A	11.47	Dry	---
GP-6	15.22	Not collected	---

NOTE: Dashes (---) indicate no information available.

TABLE 5 GROUNDWATER EXTRACTION FLOW RATE AND RUN TIME SUMMARY, 1 MAY – 30 SEPTEMBER 2002 GROUNDWATER EXTRACTION AND TREATMENT SYSTEM (BUILDING 50)

	DATE															
	05/1/02	05/2/02	05/3/02	05/4/02	05/5/02	05/6/02	05/7/02	05/8/02	05/9/02	05/10/02	05/11/02	05/12/02	05/13/02	05/14/02	05/15/02	05/16/02
EW-1																
Flow rate (gpm)	10	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	16.5	0	0	24	24	24	24	24	24	24	24	24	24	24
EW-2A																
Flow rate (gpm)	14	14	14	0	0	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	24	24	16.5	0	0	24	24	24	24	24	24	24	24	24	24	24
EW-4																
Flow rate (gpm)	22	22	22	0	0	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	24	24	16.5	0	0	24	24	24	24	24	24	24	24	24	24	24
EW-5A																
Flow rate (gpm)	10	10	10	0	0	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	16.524	0	0	24	24	24	24	24	24	24	24	24	24	24

	DATE														
	05/17/02	05/18/02	05/19/02	05/20/02	05/21/02	05/22/02	05/23/02	05/24/02	05/25/02	05/26/02	05/27/02	05/28/02	05/29/02	05/30/02	05/31/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	8.25	13.25	24	24	18	11.5	24	24	24	24	24	22.25	24	23.75	24
EW-2A															
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	8.25	13.25	24	24	18	11.5	24	24	24	24	24	22.25	24	23.75	24
EW-4															
Flow rate (gpm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	8.25	13.25	24	24	18	11.5	24	24	24	24	24	22.25	24	23.75	24
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	8.25	13.25	24	24	18	11.5	24	24	24	24	24	22.25	24	23.75	24

	DATE														
	06/01/02	06/02/02	06/03/02	06/04/02	06/05/02	06/06/02	06/07/02	06/08/02	06/09/02	06/10/02	06/11/02	06/12/02	06/13/02	06/14/02	06/15/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	22	23.5	23.75	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	24	24	24	24	22	23.5	23.75	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	24	24	24	24	22	23.5	23.75	24	24	24	24	24	24	24	24
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	22	23.5	23.75	24	24	24	24	24	24	24	24

	DATE														
	06/16/02	06/17/02	06/18/02	06/19/02	06/20/02	06/21/02	06/22/02	06/23/02	06/24/02	06/25/02	06/26/02	06/27/02	06/28/02	06/29/02	06/30/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A															
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4															
Flow rate (gpm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE															
	07/1/02	07/2/02	07/3/02	07/4/02	07/5/02	07/6/02	07/7/02	07/8/02	07/9/02	07/10/02	07/11/02	07/12/02	07/13/02	07/14/02	07/15/02	07/16/02
EW-1																
Flow rate (gpm)	9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	23.5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-2A																
Flow rate (gpm)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Run time (hours)	23.5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-4																
Flow rate (gpm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	23.25	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
EW-5A																
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	23.5	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24

	DATE														
	07/17/02	07/18/02	07/19/02	07/20/02	07/21/02	07/22/02	07/23/02	07/24/02	07/25/02	07/26/02	07/27/02	07/28/02	07/29/02	07/30/02	07/31/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	24	24	23.75	24	12	13.75	24	21.5	24	24	23.75
EW-2A															
Flow rate (gpm)	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Run time (hours)	24	24	24	24	24	24	23	24	12	13.75	24	21.5	24	24	23.75
EW-4															
Flow rate (gpm)	22	22	22	22	22	22	29	29	29	29	29	29	29	29	29
Run time (hours)	24	24	24	24	24	24	22.5	24	12	13.75	24	21.5	24	24	23.75
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	24	24	23	24	23.75	24	24	21.5	24	24	23.75

	DATE															
	08/01/02	08/02/02	08/03/02	08/04/02	08/05/02	08/06/02	08/07/02	08/08/02	08/09/02	08/10/02	08/11/02	08/12/02	08/13/02	08/14/02	08/15/02	08/16/02
EW-1																
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	23.75	24	24	24	24	24	24	24	24	24	24	23.75
EW-2A																
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	24	24	24	24	23.75	24	24	24	24	24	24	24	24	24	10.5	10
EW-4																
Flow rate (gpm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	24	24	24	24	23.75	24	24	24	24	24	24	24	24	24	24	23.75
EW-5A																
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	23.75	12	24	24	24	24	24	24	24	24	24	23.75

	DATE														
	08/17/02	08/18/02	08/19/02	08/20/02	08/21/02	08/22/02	08/23/02	08/24/02	08/25/02	08/26/02	08/27/02	08/28/02	08/29/02	08/30/02	08/31/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	24	24	23	24	24	23.75	24	24	24	24	24
EW-2A															
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	24	24	24	24	24	24	23.5	24	24	14	24	24	24	24	24
EW-4															
Flow rate (gpm)	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
Run time (hours)	24	24	24	24	24	24	23.5	24	24	14	24	24	24	24	24
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	24	24	24	24	24	23.5	24	24	14	24	24	24	24	24

	DATE														
	09/01/02	09/02/02	09/03/02	09/04/02	09/05/02	09/06/02	09/07/02	09/08/02	09/09/02	09/10/02	09/11/02	09/12/02	09/13/02	09/14/02	09/15/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	14.34	24	24	24	24	24	24	24	24	24	22	24	24	20.5
EW-2A															
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
Run time (hours)	24	14.34	24	24	24	24	24	24	24	24	24	22	24	24	20.5
EW-4															
Flow rate (gpm)	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
Run time (hours)	24	14.34	24	24	24	24	24	24	24	24	24	22	24	24	20.5
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Run time (hours)	24	14.34	24	24	24	24	24	24	24	24	24	22	24	24	20.5

	DATE														
	09/16/02	09/17/02	09/18/02	09/19/02	09/20/02	09/21/02	09/22/02	09/23/02	09/24/02	09/25/02	09/26/02	09/27/02	09/28/02	09/29/02	09/30/02
EW-1															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10
Run time (hours)	17	9.75	12.33	24	24	24	24	24	24	24	24	16	0	0	15
EW-2A															
Flow rate (gpm)	14	14	14	14	14	14	14	14	14	14	14	14	0	0	14
Run time (hours)	17	9.75	12.33	24	24	24	24	24	24	24	24	16	0	0	15
EW-4															
Flow rate (gpm)	29	29	29	29	29	29	29	29	29	29	29	29	0	0	29
Run time (hours)	17	9.75	12.33	24	24	24	24	24	24	24	24	16	0	0	15
EW-5A															
Flow rate (gpm)	10	10	10	10	10	10	10	10	10	10	10	10	0	0	10
Run time (hours)	17	9.75	12.33	24	24	24	24	24	24	24	24	16	0	0	15

TABLE 6 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN LOW-FLOW GROUNDWATER SAMPLES COLLECTED FROM 7 TO 22 OCTOBER 2002 AT EASTERN PLUME

Well Designation	PH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Shallow Monitoring Wells						
MW-231B	6.12	18.39	54	10.02	11	184
MW-318	6.14	15.03	41	6.14	11	111
MW-1104	5.77	20.00	117	0.43	10	109
Deep Monitoring Wells						
MW-207A	Destroyed and replaced with MW-207AR					
MW-207AR	6.16	9.72	146	0.54	228	-48
MW-225A	5.68	10.70	133	3.55	10.8	129
MW-230A	6.18	9.15	99	1.40	19.7	-138
MW-231A	6.22	11.71	40	9.38	81	207
MW-303	7.91	9.22	140	0.67	---	13
MW-305	8.98	10.63	89	0.24	109	61
MW-313	7.5	12.24	86	0.39	43	-118
MW-330	7.5	14.17	38	0.68	101	-87.5
MW-333	7.49	10.93	82	0.28	10	-150
MW-334	6.98	12.77	135	0.80	20.8	-190
Bedrock Monitoring Wells						
MW-308	7.27	11.42	960	0.76	31.4	-216
MW-309B	8.32	11.49	182	0.97	4	-49
Shallow P-Series Piezometers						
P-111	6.25	11.13	---	0.81	4	194
P-132	6.19	7.65	19	11.82	---	213
Deep P-Series Piezometers						
P-106	6.67	9.12	---	5.54	6	207

NOTE: NTU = Nephelometric turbidity unit.
Dashes (---) indicate data not collected.

TABLE 7 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED AFTER AQUEOUS DIFFUSION GROUNDWATER SAMPLES COLLECTED FROM 7 TO 22 OCTOBER 2002 AT EASTERN PLUME

Well Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Shallow Monitoring Wells						
MW-224	5.84	8.06	35	10.76	NA	101.4
MW-231B	5.84	7.37	41	11.25	NA	224
MW-318	7.54	8.88	89	0.36	NA	-194
MW-332	5.90	11.29	71	3.28	NA	-54.5
MW-1104	6.01	16.19	120	1.89	NA	127
Deep Monitoring Wells						
MW-105A	6.34	11.96	40	6.01	NA	34.5
MW-205	8.39	9.01	111	6.57	NA	52
MW-207A	Destroyed and replaced with MW-207AR					
MW-207AR	5.40	8.90	137	9.97	NA	169
MW-225A	5.75	9.82	113	6.52	NA	192.7
MW-229A	6.52	10.19	61	5.10	NA	127.9
MW-230A	7.15	8.55	61	4.42	NA	44.2
MW-231A	6.58	7.33	35	10.02	NA	237
MW-303	7.48	7.45	133	1.39	NA	-65
MW-305	8.60	7.70	95	1.14	NA	55
MW-306	7.17	7.46	64	8.01	NA	68
MW-311	6.83	10.74	102	1.99	NA	-75.5
MW-313	7.78	7.60	205	1.67	NA	175
MW-319	6.55	11.81	46	9.41	NA	10.1
MW-330	7.76	8.44	60	0.870	NA	-117
MW-331	Water quality parameters not collected—unable to fit YSI in well					
MW-333	7.75	7.62	155	0.58	NA	-151
MW-334	7.31	6.67	131	0.16	NA	134
MW-NASB-212	6.59	8.07	192	1.29	NA	28
Bedrock Monitoring Wells						
MW-308	5.88	12.23	930	6.00	NA	18
MW-309B	8.10	8.57	169	1.28	NA	-109
Shallow P-Series Piezometers						
P-132	6.19	7.65	19	11.82	NA	213

NOTE: NTU = Nephelometric turbidity unit.
NA = Not available.
Water quality parameters were collected using a YSI-600XL water quality meter. The YSI-600XL does not record turbidity measurements. Turbidity was measured with a Hach kit (or equivalent instrument).

TABLE 8 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN GROUNDWATER SAMPLES COLLECTED ON 7-9 OCTOBER 2002 AT SITES 1 AND 3

Well Designation	Location Relative to Slurry Wall	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Shallow Monitoring Wells							
MW-202A	Outside	5.33	15.48	129	1.35	7.6	193
MW-203	Outside	5.60	16.58	589	8.15	9.5	112
MW-204	Outside	5.69	12.30	40	11.41	21.4	138
MW-217B	Inside	5.98	20.31	1,950	1.78	72.1	-125
MW-240	Outside	5.41	17.70	91	8.90	45.7	155
MW-2101	Outside	5.13	17.12	297	8.19	8.3	275
Deep Monitoring Wells							
MW-218	Outside	6.58	13.58	1,300	1.88	53.1	-166
MW-219	Outside	5.56	12.21	116	8.12	22.7	157

NOTE: NTU = Nephelometric turbidity unit.

TABLE 9 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN WATER SAMPLES COLLECTED FROM EXTRACTION WELLS AND THE TREATMENT PLANT ON 16 OCTOBER 2002 AT EASTERN PLUME

Well Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Extraction Wells						
EW-01	---	---	---	---	---	---
EW-02A	---	---	---	---	---	---
EW-04	---	---	---	---	---	---
EW-05A	---	---	---	---	---	---
Groundwater Treatment Plant						
Eastern Plume Raw Influent	6.40	10.52	140	5.33	<0.1	96
Combined Effluent	7.03	10.55	137	9.92	<0.1	104

NOTE: NTU = Nephelometric turbidity unit
Dashes (---) indicate no data recorded.

TABLE 10 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN SURFACE WATER AND SEEP SAMPLES COLLECTED ON 22 OCTOBER 2002 AT SITES 1 AND 3

Sample Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Surface Water						
SW-4	6.29	11.15	82	10.57	---	119
SW-7	6.08	11.19	90	8.11	---	116
SW-8	6.65	11.40	88	9.94	11	175
SW-9	6.42	11.38	91	10.08	29	158
SW-15[a]	6.37	8.23	93	10.79	8	91.8
SW-16[a]	6.36	8.41	95	10.78	11.5	117
Seep						
SEEP-1	6.35	10.91	581	1.01	>1,000	77.9
SEEP-2[b]						
SEEP-3	6.11	10.32	422	0.72	---	146.7
SEEP-4	6.42	10.51	642	0.61	---	6.5
SEEP-5	6.75	10.28	477	1.50	>400	75
SEEP-9	5.77	10.01	181	0.74	---	143

(a) Locations sampled by Navy personnel under Naval Air Station Brunswick's surface water program; water quality indicator parameters are not measured by Naval Air Station Brunswick personnel.
(b) Seep dry, no data collected.

NOTE: NTU = Nephelometric turbidity unit.
Dashes (---) no data recorded.

TABLE 11 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN SURFACE WATER SAMPLES COLLECTED ON 22 OCTOBER 2002 AT EASTERN PLUME

Sample Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Surface Water						
SW-10	6.45	6.05	---	12.80	12	203
SW-11	6.42	9.47	106	12.66	10	172
SW-12	6.72	5.62	---	5.89	15	202
SW-13	6.40	9.81	77	7.78	5.2	167
SW-14	6.36	9.81	77	12.72	4.3	180
Seep						
SEEP-10[a]						
SEEP-11	6.28	6.75	---	8.45	---	213

(a) Seep dry, no data collected.

NOTE: NTU = Nephelometric turbidity unit.
Dashes (---) indicate no data recorded.

TABLE 12 SUMMARY OF AQUEOUS DIFFUSION PILOT STUDY – OCTOBER 2002

Monitoring Well (Well Depth)	Monitoring Event 21 Ground-Water Total VOC Concentration[a]	Well Type	Summary of Monitoring Event 21 Diffusion Sampler Study Results	Diffusion Sampler Interval with Higher Total VOCs in Monitoring Event 21	Diffusion Sampler Interval Recommended for Sampling During Monitoring Event 22
Pilot Study Group 1					
MW-105A (Deep)	Low	Perimeter	No VOCs detected	One diffusion sampler used	Deep
MW-205 (Deep) [c]	Moderate	Interior Plume	Moderate VOCs reported in samples (131 µg/L)	One diffusion sampler used	Deep
MW-NASB-212 (Deep)	Moderate	Perimeter	Moderate VOCs reported in samples (11 µg/L)	One diffusion sampler used	Shallow
MW-224 (Shallow)	Low	Perimeter	No VOCs detected	One diffusion sampler used	Mid-depth
MW-229A (Deep)	Moderate	Perimeter	Moderate VOCs reported in samples (39 µg/L)	One diffusion sampler used	Mid-depth
MW-306 (Deep)	Moderate	Perimeter	Moderate VOCs reported in sample (147 µg/L)	One diffusion sampler used	Shallow
MW-311 (Deep)	Moderate	Interior Plume	Moderate VOCs reported in samples (89 µg/L)	One diffusion sampler used	Deep
MW-319 (Deep)	Moderate	Interior Plume	Moderate VOCs reported in sample (50 µg/L)	One diffusion sampler used	Deep
MW-331 (Deep)	High	Interior Plume	High VOCs reported in samples (1,792 µg/L)	One diffusion sampler used	Mid-depth
MW-332 (Shallow)	Low	Interior Plume	Low VOCs reported in sample (3 µg/L)	One diffusion sampler used	Mid-depth
Pilot Study Group 2					
MW-1104 (Shallow)	Low	Perimeter	Low VOCs detected (0.2 µg/L)	Similar	Mid-depth
MW-217B (Shallow) [b]	Moderate	Interior Plume	Moderate VOCs reported in sample (13 µg/L)	One diffusion sampler used	Deep
MW-225A (Deep)	Moderate	Perimeter	Moderate VOCs reported in samples (<46 µg/L)	Deep	Deep
MW-230A (Deep)	Low	Sentinel	Low VOCs reported in samples (<5 µg/L)	Similar	Deep
MW-231A (Deep)	Low	Sentinel	Low VOCs detected (2 µg/L)	Mid-depth	Mid-depth
MW-231B (Shallow)	Low	Sentinel	No VOCs detected	Similar	Deep
MW-303 (Deep)	Low	Sentinel	Low VOCs reported in samples (0.2 µg/L)	Shallow	Shallow
MW-305 (Deep)	Moderate	Sentinel	Moderate VOCs reported in samples (7 µg/L)	Shallow	Shallow
MW-308 (Bedrock)	Low	Sentinel	No VOCs detected	Similar	Mid-depth
MW-309B (Bedrock)	Low	Sentinel	No VOCs detected	Similar	Shallow
MW-330 (Deep)	Low	Sentinel	No VOCs detected	Similar	Shallow
MW-313 (Deep)	Moderate	Sentinel	Moderate VOCs reported in samples (<14 µg/L)	Deep	Deep
MW-318 (Shallow)	Low	Sentinel	Low VOCs detected (3 µg/L)	Deep	Deep
MW-333 (Deep)	Moderate	Sentinel	Moderate VOCs reported in samples (<9 µg/L)	Similar	Mid-depth
MW-334 (Deep)	Low	Sentinel	Low VOCs reported in samples (<4 µg/L)	Shallow	Shallow
P-132 (Shallow)	Low	Sentinel	No VOCs detected	Similar	Deep

(a) High concentration = >400 µg/L; moderate contamination from 400 to 5 µg/L; and low contamination = <5 µg/L.
(b) MW-217B not included in original Pilot Test Group No. 2.
(c) MW-205 was incorrectly identified by the laboratory as MW-209.

NOTE: VOC = Volatile organic compound.

TABLE 13 SUMMARY OF ANALYTICAL DATA QUALITY REVIEW

Sample Location	Findings of Laboratory Data Quality Review
GROUNDWATER	
MW-203	The positive result for 1,1-dichloroethane is estimated based on MS/MSD precision criteria. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, acetone, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, benzene, 1,2-dichloroethene, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,4-dichlorobenzene, and total 1,2-dichloroethene are estimated based on MS/MSD precision criteria. The positive result for methylene chloride is false-positive due to method blank contamination.
MW-203 DUP	The positive results for 1,1-dichloroethane and *cis*-1,2-dichloroethene are estimated based on MS/MSD precision criteria. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, acetone, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, benzene, 1,2-dichloroethene, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,4-dichlorobenzene, and total 1,2-dichloroethene are estimated based on MS/MSD precision criteria. The positive result for methylene chloride is false-positive due to method blank contamination.
MW-218	The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, *trans*-1,2-dichloroethene, tetrachloroethene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and total 1,2-dichloroethene are estimated based on MS/MSD precision criteria. The result of acetone is estimated bias low based on MS/MSD accuracy criteria. The positive result for methylene chloride is false-positive due to method blank contamination.
MW-225A	The positive results for total 1,2-dichloroethene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene, and the non-detect results for carbon disulfide, *trans*-1,2-dichloroethane, chloroform, 2-butanone, and ethylbenzene are estimated based on MS/MSD precision criteria. The positive result for methylene chloride is false-positive due to method blank contamination. The positive result for benzene is estimated due to field duplicate precision criteria.
MW-225A DUP	The positive results for total 1,2-dichloroethene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene, and the non-detect results for carbon disulfide, *trans*-1,2-dichloroethane, chloroform, 2-butanone, and ethylbenzene are estimated based on MS/MSD precision criteria. The positive result for benzene is estimated due to field duplicate precision criteria.
MW-308	The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropane, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, total 1,2-dichloroethene, and total xylenes are estimated based on MS/MSD precision criteria.

NOTE: MS/MSD = Matrix spike/matrix spike duplicate.

Sample Location	Findings of Laboratory Data Quality Review
MW-308 DUP	The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropane, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, total 1,2-dichloroethene, and total xylenes are estimated based on MS/MSD precision criteria.
P-111	The non-detect result for trichloroethene is estimated bias low based on LCS accuracy criteria.
DIFFUSION SAMPLES	
MW-105A (deep)	The positive result for acetone is false-positive due to method blank contamination.
MW-209 (deep)	The positive result for acetone is false-positive due to method blank contamination.
MW-225A (shallow)	The positive results for total 1,2-dichloroethene, benzene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene, and the non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, 1,2-dichloroethane, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylene, total xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and 1,2-dichlorobenzene are estimated based on MS/MSD precision criteria.
MW-225A (deep)	The results for *cis*-1,2-dichloroethene, total 1,2-dichloroethene, trichloroethene, and tetrachloroethene are estimated due to field duplicate precision criteria.
MW-225A (deep) DUP	The results for 1,1-dichloroethene, *cis*-1,2-dichloroethene, total 1,2-dichloroethene, trichloroethene, and tetrachloroethene are estimated due to field duplicate precision criteria.
MW-230A (shallow)	The positive result for acetone is false-positive due to method blank contamination.
MW-230A (mid)	The positive results for acetone and methylene chloride are false-positive due to method blank contamination. The positive result for 2-butanone is false-positive due to rinsate blank contamination.
MW-230A (deep)	The positive results for acetone and methylene chloride are false-positive due to method blank contamination.
MW-231A (shallow)	The positive result for acetone is false-positive due to method blank contamination.
MW-231A (mid)	The positive result for acetone is false-positive due to method blank contamination. The positive result for 2-butanone is false-positive due to rinsate blank contamination.
MW-303 (shallow)	The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene are estimated bias low based on LCS accuracy criteria. The positive result for acetone is false-positive due to rinsate blank contamination.
MW-303 (mid)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-303 (deep)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-305 (shallow)	The positive result for 2-butanone is false-positive due to rinsate blank contamination.
MW-305 (mid)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-305 (deep)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-306 (shallow)	The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene are estimated bias low based on LCS accuracy criteria.
NOTE: LCS = Laboratory control sample.	

Sample Location	Findings of Laboratory Data Quality Review
MW-308 (shallow)	The non-detect results for chloromethane, *cis*-1,2-dichloroethene, and *cis*-1,3-dichloropropene are estimated based on MS/MSD precision criteria. The positive result for acetone is false-positive due to rinsate blank contamination.
MW-308 (mid)	The positive result for acetone is estimated due to field duplicate precision criteria.
MW-308 (mid) DUP	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-309B (shallow)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-309B (mid)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-309B (deep)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-313 (mid)	The positive result for acetone is false-positive due to method blank contamination.
MW-318 (deep)	The positive result for acetone is false-positive due to method blank contamination. The positive result for 2-butanone is false-positive due to rinsate blank contamination.
MW-334 (shallow)	The positive result for acetone is false-positive due to method blank contamination. The positive result for 2-butanone is false-positive due to rinsate blank contamination.
MW-334 (mid)	The positive results for acetone and methylene chloride are false-positive due to method blank contamination.
MW-334 (deep)	The positive results for acetone and methylene chloride are false-positive due to method blank contamination.
MW-334 (deep) DUP	The positive results for acetone and methylene chloride are false-positive due to method blank contamination.
MW-NASB-212 (shallow)	The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene are estimated bias low based on LCS accuracy criteria. The positive result for acetone is false-positive due to rinsate blank contamination.
P-132 (shallow)	The positive result for acetone is false-positive due to rinsate blank contamination.
P-132 (mid)	The positive result for acetone is false-positive due to rinsate blank contamination.
P-132 (deep)	The positive result for acetone is false-positive due to rinsate blank contamination.
MW-1104 (shallow)	The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene are estimated bias low based on LCS accuracy criteria.
MW-1104 (mid)	The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene are estimated bias low based on LCS accuracy criteria. The positive result for acetone is false-positive due to rinsate blank contamination.
MW-1104 (deep)	The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene are estimated bias low based on LCS accuracy criteria. The positive result for acetone is false-positive due to rinsate blank contamination.
SURFACE WATER	
SW-08	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for methylene chloride is false-positive due to method blank contamination.
SW-09	The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, acetone, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, total 1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, bromoform, styrene, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and 1,2-dichlorobenzene are estimated based on MS/MSD precision criteria. The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive results for total xylenes and m+p-xylenes are false-positive due to method blank contamination.

Sample Location	Findings of Laboratory Data Quality Review
SW-13	The non-detect results for chloromethane, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, chlorobenzene, ethylbenzene, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, total 1,2-dichloroethene, and total xylenes are considered estimated based on MS/MSD precision criteria. The non-detect result for vinyl chloride is estimated bias low based on MS/MSD accuracy criteria.
SW-15	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria.
SW-16	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria.
SEDIMENT	
SED-3	The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria.
SED-4	The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria.
SED-5	The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria.
SED-9	The positive result for endrine ketone is estimated based on MS/MSD precision criteria. The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria. The positive and non-detect results for beta-BHC, 4,4'-dichlorodiphenyldichloroethylene, and 4,4'-DDT are estimated bias low based on MS/MSD accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria. The results for 4,4'-DDT, total organic carbon, and manganese are estimated due to field duplicate precision criteria.
SED-9 DUP	The result for zinc is estimated due to an exceedance of the serial dilution %D criteria. The results for 4,4'-DDT, total organic carbon, and manganese are estimated due to field duplicate precision criteria.
SED-11	The results for iron and manganese are estimated based on MS/MSD precision criteria. The non-detect result for gamma-chlordane is estimated based on MS/MSD precision criteria. The non-detect result for antimony is estimated bias low based on MS/MSD accuracy criteria. The positive results for calcium, magnesium, zinc, and potassium are estimated bias high based on MS/MSD accuracy criteria. The positive and non-detect results for gamma BHC, heptachlor, beta-BHC, aldrin, heptachlor epoxide, endosulfan I, 4,4'-dichlorodiphenyldichloroethylene, dieldrin, endrin, endosulfan sulfate, methoxychlor, alpha-chlordane, and endrin ketone are estimated bias low based on MS/MSD accuracy criteria. The results for alpha-BHC, 4,4'-dichlorodiphenyldichloroethane, copper, magnesium, and lead are estimated due to field duplicate precision criteria.

Sample Location	Findings of Laboratory Data Quality Review
SED-11 DUP	The results for iron and manganese are estimated based on MS/MSD precision criteria. The non-detect result for gamma-chlordane is estimated based on MS/MSD precision criteria. The non-detect result for antimony is estimated bias low based on MS/MSD accuracy criteria. The positive results for calcium, magnesium, zinc, and potassium are estimated bias high based on MS/MSD accuracy criteria. The results for alpha-BHC, 4,4'-dichlorodiphenyldichloroethylene, 4,4'-dichlorodiphenyldichloroethane, copper, magnesium, and lead are estimated due to field duplicate precision criteria.
SED-15	The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria.
SED-16	The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria.
LEACHATE STATION SEDIMENT	
LT-01	The non-detect result for 1,1,2,2-tetrachloroethane is estimated bias low based on LCS accuracy criteria. The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria.
LT-03	The non-detect result for 1,1,2,2-tetrachloroethane is estimated bias low based on LCS accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria. The positive result for bromomethane is estimated bias high based on LCS accuracy criteria.
LT-04	The non-detect result for 1,1,2,2-tetrachloroethane is estimated bias low based on LCS accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria.
LT-05	The non-detect result for 1,1,2,2-tetrachloroethane is estimated bias low based on LCS accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria.
LT-09	The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria. The results for carbon disulfide, acetone, 2-butanone, aluminum, and magnesium are estimated due to field duplicate precision criteria.
LT-09 DUP	The non-detect result for 1,1,2,2-tetrachloroethane is estimated bias low based on LCS accuracy criteria. The positive and non-detect results for antimony and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for calcium is estimated bias high based on MS/MSD accuracy criteria. The result for zinc is estimated due to an exceedance of the serial dilution %D criteria. The results for carbon disulfide, acetone, 2-butanone, aluminum, and magnesium are estimated due to field duplicate precision criteria.
LEACHATE STATION AQUEOUS	
SEEP-01	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive results for m+p-xylenes and total xylenes are false-positive due to method blank contamination. The positive results for toluene, ethylbenzene, and o-xylene are false-positives due to rinsate blank contamination.

Sample Location	Findings of Laboratory Data Quality Review
SEEP-03	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive results for 1,4-dichlorobenzene, m+p-xylenes, and total xylenes are false-positive due to method blank contamination. The positive results for toluene, ethylbenzene, and o-xylene are false-positives due to rinsate blank contamination.
SEEP-04	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive results for 1,4-dichlorobenzene, 1,2-dichlorobenzene, and m+p-xylenes are false-positive due to method blank contamination. The positive results for toluene, ethylbenzene, and o-xylene are false-positives due to rinsate blank contamination.
SEEP-05	The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive result for 1,2-dichlorobenzene is false-positive due to method blank contamination. The positive results for toluene, ethylbenzene, and o-xylene are false-positives due to rinsate blank contamination.
SEEP-09	The positive result for 1,1-dichloroethane is estimated based on MS/MSD precision criteria. The non-detect results for chloromethane, vinyl chloride, bromomethane, carbon disulfide, methylene chloride, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, and total 1,2-dichloroethene are estimated based on MS/MSD precision criteria. The result for acetone is estimated bias low based on MS/MSD accuracy criteria. The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The positive results for ethylbenzene, m+p-xylenes, total xylenes, 1,4-dichlorobenzene, and 1,2-dichlorobenzene are false-positive due to method blank contamination. The results for barium, calcium, iron, lead, and manganese are estimated due to field duplicate precision criteria.
SEEP 09 DUP	The positive results for 1,1-dichloroethane, 1,2-dichlorobenzene, 1,4-dichlorobenzene, and chloroethane are estimated based on MS/MSD precision criteria. The non-detect results for chloromethane, vinyl chloride, bromomethane, carbon disulfide, methylene chloride, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, and total 1,2-dichloroethene are estimated based on MS/MSD precision criteria. The positive and non-detect results for arsenic, magnesium, and mercury are estimated bias low based on MS/MSD accuracy criteria. The results for barium, calcium, iron, lead, and manganese are estimated due to field duplicate precision criteria.

Sample Location	Findings of Laboratory Data Quality Review
SEEP-11	The positive results for 1,1,1-tichloroethane, 1,1-dichloroethene, total 1,2-dichloroethene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene are estimated based on MS/MSD precision criteria. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, carbon disulfide, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 2-butanone, benzene, 1,2-dichloroethane, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, and total xylenes are estimated based on MS/MSD precision criteria. The positive result for methylene chloride is false-positive due to method blank contamination.
SEEP-11 DUP	The positive results for 1,1,1-tichloroethane, 1,1-dichloroethene, total 1,2-dichloroethene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene are estimated based on MS/MSD precision criteria. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, carbon disulfide, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 2-butanone, benzene, 1,2-dichloroethane, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, and total xylenes are estimated based on MS/MSD precision criteria.
QUALITY ASSURANCE/QUALITY CONTROL SAMPLES	
QT-01	The positive result for 1,2-dichlorobenzene is false-positive due to method blank contamination.
QT-07	The positive result for methylene chloride is false-positive due to method blank contamination.
QD-002	The positive result for methylene chloride is false-positive due to method blank contamination.
QS-006	The positive results for total xylenes and m+p-xylenes are false-positive due to method blank contamination.

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Appendix A

Completed Response to Comments from the Maine Department of Environmental Protection and U.S. Environmental Protection Agency on the Draft Report

"Sait, Claudia B" <Claudia.B.Sait@maine.gov>

12/22/2004 10:22 AM

To: '"aeasterd@eaest.com"' <aeasterd@eaest.com>, "Sait, Claudia B" <Claudia.B.Sait@maine.gov>

cc: Williams.Christine@epamail.epa.gov, clepagegeo@aol.com, dgainer@ecc.net, pln@eaest.com, gcaldero@eaest.com, cspringe@eaest.com

Subject: RE: NASB, Follow-up responses to MEDEP follow-up comments on Sites 1/3/EP ME 21 Report

Al,

MEDEP has no further comments on the Sites 1,3, and Eastern Plume ME21-October 2002 report. Please incorporate the agreed upon revisions into the final copy. CBS

RESPONSE TO RESPONSE TO COMMENTS FROM THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION ON THE DRAFT MONITORING EVENT 21 – OCTOBER 2002 FOR SITES 1 AND 3 AND EASTERN PLUME NAVAL AIR STATION, BRUNSWICK, MAINE

Commentor: Claudia Sait	
Comment Issue Date: 8 December 2004	**Navy Response Date: 10 December 2004**

The Maine Department of Environmental Protection (MEDEP) has reviewed the Navy's response to comments dated 18 November 2004, for Monitoring Event 21 Report – October 2002 for Sites 1, 3 and the Eastern Plume, prepared by EA Engineering, Science, and Technology. Based on that review, MEDEP has the following outstanding comments and issues.

The follow-up responses retain the numbering given in Navy's Responses.

6. Section 2.2, Water Level Gauging Program Trends, p. 12, 1st paragraph:

"The depth of groundwater during October 2002 at monitoring well EW-06 was 34.33 ft mean sea level, which indicates, at this time, that the groundwater potentiometric surface is rising above the bottom of the waste mass at this location."

MEDEP Initial Comment—a. The problem with this statement (also made in the Monitoring Event 20 report) was only partially addressed in MEDEP Specific Comment 17 for ME-20. MW-234R is about 100 feet north of EW-06. EW-06 is located approximately along the western boundary of a major landfilled trench, whereas MW-234R is more in the center of the same trench. The groundwater elevation at MW-234R is reported in Table 3 as 31.28 ft above mean sea level. From the above information and Figure 6 (shallow groundwater potentiometric surface contour map), the elevation of water in EW-06 appears anomalous. However, the text does not discuss this, but instead is giving a warning that the fill waste is becoming saturated again. Furthermore, a footnote in the ME-19 report (but not in the ME-20 report) states that the old pumping vault was flooded with water at the time, and that the vault appeared to be sinking, however, the vault bottom could not be checked. It appears that something anomalous is occurring at EW-06, and should be investigated by the Navy. In the meantime, any interpretation of waste saturation due to a higher groundwater elevation in EW-06 than in surrounding monitoring wells must be qualified. This conflict between data must be resolved as quickly as possible. (RR)

Navy's Response—The problem at EW-6 was identified and determined to be related to surface water flowing above the landfill liner, and then entering the vault. This problem has been corrected and the data obtained from this well are suitable for contouring. A review of past groundwater elevations at EW-6 show that since pumping at the well ceased, the water elevation has varied from a minimum of 34.33 ft to a maximum of 36.67 ft. This variation is consistent with normal fluctuations at this sampling point. Water elevations noted at this well have been relatively constant since August 1998. Based on

this review, the water elevation data collected at this well appear to be accurate. The Draft Monitoring Event 21 Report was issued in November 2003 prior to receiving final review comments from the MEDEP on the Monitoring Event 20 Report.

The note on the deep water table map has been edited to remove the statement that "...previously reported that the vault appeared to be sinking." The statement has been revised as follows:

> *The depth of groundwater during October 2002 at monitoring well MW-06 was 34.33 ft mean sea level.*

MEDEP Follow-Up Response—Please provide the date when the leaking landfill liner problem was fixed. Only water-level data after that date would be suitable for contouring. Also, in the above revised statement, "MW-06" needs to read "*EW-06*".

Navy's Follow-Up Response—Please note, the landfill liner was not leaking. The EW-06 concrete vault is comprised of sections and, therefore, there are joints. The joint is located above the liner of the landfill. The infiltrated surface water traveled through the cover material and, upon encountering the vault, some of this water entered the vault through the joint. After the October 2002 event was completed, the standing water inside the vault was pumped out. Since that time, the vault is checked for water during the quarterly gauging program, and if there is standing water in the vault, it is removed. The sentence will be edited as follows:

> *The depth of groundwater during October 2002 at extraction ~~monitoring~~ well ~~MW~~EW-06 was 34.33 ft mean sea level.*

10. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well MW-205, p. 15:

MEDEP Initial Comment—A description of the MW-205 data is not provided, and analytical data are not provided in Table B-3 and Figure 24 in Appendix C.4. However, conflicting evidence is observed on Figure 10, where a total VOC concentration of 131 µg/L appears next to the well location. Furthermore, field parameters were reported in Table 8 for aqueous diffusion sampling results. If the well was not sampled or VOCs not analyzed, the reason must be given in this report. The Navy should recognize that MW-205 is a key well in the Eastern Plume LTMP, and it has to be sampled each event. (RR)

Navy's Response—Well MW-205 was sampled for VOCs during this monitoring event. The discussion paragraph describing the data reported at MW-205 was inadvertently omitted from Section 2.3.3. The following paragraph has been included in this Section:

> ***Monitoring Well MW-205***—*A deep diffusion sample was collected from this monitoring well location. The total VOC concentrations, including 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2,-dichloroethene (total), tetrachloroethene, and trichloroethene, have decreased since the last monitoring event at this location. Subsequently, the total VOC concentrations reported for Monitoring Event 21 (131 µg/L) show a decrease in concentrations from the concentrations calculated in the previous sampling event (i.e., 303 µg/L). However, in Monitoring Event 21,*

tetrachloroethene and trichloroethene concentrations exceeded the Federal MCLs and State MEGs at this diffusion sample depth.

MEDEP Follow-Up Response—It is unclear from the response whether Table B-3 with MW-205 concentration values will be revised.

Navy's Follow-Up Response—In addition to the text for MW-205, the laboratory results for MW-205 will be included in Table B-3.

15. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well, P-106, p. 17, last sentence:

"...and the concentrations for trichloroethene and 1,1-dichloroethene have ranged from nearly not detected to approximately 1,000 µg/L."

MEDEP Initial Comment—The graph in Figure 133 of Appendix C.4 shows that the lowest concentrations of these two contaminants occurred in October 2002. Table B-3 in this report give the following results: 170 µg/l of trichloroethene and 130 µg/L of 1,1-dichloroethene. These values are far above their respective MCL and MEG, and certainly do not qualify as "nearly not detected". It seems that the Navy lost sight of the Y-axis scale of ¼ inch equals 1000 µg/L. Please replace the entire sentence upon review of the actual graph data and the MCLs/MEGs. (ED)

Navy's Response—The referenced sentence on Page 17 under the discussion on Piezometer P-106: "Volatile concentrations for 1,1-dichloroethane, total 1,2–dichloroethene and tetrachloroethene have remained at or near not detected levels since 1995, and the concentrations for trichloroethene and 1,1-dichloroethene have ranged from nearly not detected to approximately 1,000 µg/L" has been revised as follows:

Total VOC concentrations reported in piezometer P-106 have remained elevated since 1995; however, the reported concentrations show a steady decline from those reported in 1996 (at approximately 6,500 µg/L).

MEDEP Follow-Up Response—Our interpretation of the P-106 contaminant graph (Figure 133 in Appendix C.4) is not a steady decline since 1996. The following wording is recommended in place of "a steady decline from those reported in 1996 ...": "*minor fluctuation between 1997 and 2000, followed by a sharp general decline from approximately 4000 ug/L to 800 ug/L.*"

Navy's Follow-Up Response—The text will be revised as follows:

Total VOC concentrations reported in piezometer P-106 have remained elevated since 1995; however, the reported concentrations showed ~~a steady decline from those reported in 1996 (at approximately 6,500 µg/L)~~ minor fluctuations between 1997 and 2000, followed by a sharp general decline from approximately 4,000 µg/L to 800 µg/L..

25. Section 2.4.2.3, Eastern Plume – Volatiles, p. 21, SEEP 11:

"Since the last monitoring event, the concentration of total VOC has increased to 32 µg/L."

MEDEP Initial Comment—Both this statement and Figure 144 (Appendix C.4) give no indication as to the compounds that comprise the concentration of 32 µg/L. This is particularly important because all prior monitoring events have been non-detect for all target compounds. Please add the missing information, and revise the graph as appropriate. (ED)

Navy's Response—The second sentence in Section 2.4.2.3 under the discussion on Leachate Seep SEEP-11 has been reworded as follows:

> *Since the last monitoring event, the concentration of total VOCs has increased to approximately 32 µg/L. The compounds comprising the total VOC concentrations at this seep location include: 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2-dichloroethene (total), cis-1,2- dichloroethene, tetrachloroethene, and trichloroethene.*

MEDEP Follow-Up Response—The above rewording is fine. Now the first sentence should be changed from "Total VOC concentrations have remained at not detected levels from 2000 through 2001" to "*Total VOC concentrations for the first five monitoring events starting in 2000 were all non-detection.*"

Navy's Follow-Up Response—The first sentence for SEEP-11 in Section 2.4.2.3 will be replaced with the following:

> *Total VOC concentrations for the first five monitoring events, starting in 2000, were all non-detect.*

34. Figure 7, Interpreted Deep Groundwater Potentiometric Surface Contour Map:

MEDEP Initial Comment—Notes 4 and 5 in the legend give reasons why the potentiometric head elevations for EW-06 and MW-207AR are not available. The flooding of the EW-06 vault has been a long recognized problem that should have been resolved by now, as the water in the vault appears to substantially affect the water level in the well. MW-207AR is an important gauging site and a level survey should have been completed prior to Event 21. The Navy must take action to assure that these data are usable for contouring. (RR & MTG)

Navy's Response—The problem at EW-6 was identified and determined to be related to surface water flowing above the landfill liner, and then entering the vault. This problem has been corrected and the data obtained from this well are suitable for contouring. A review of past groundwater elevations at EW-6 show that since pumping at the well ceased, the water elevation has varied from a minimum of 34.33 ft to a maximum of 36.67 ft. This variation is consistent with normal fluctuations at this sampling point. Based on this review, the water elevation data collected at this well appear to be accurate.

MEDEP Follow-Up Response—The Navy satisfactorily addresses the EW-6 concern, but did not mention MW-207AR. It is noted that a new well elevation is given in the ME-23 report, but was not done prior to the monitoring event well visit for ME-22. In the future the Navy must not delay a year in correcting a field monitoring problem such as not measuring the head at a key well.

Navy's Follow-Up Response—Agreed. The Navy will attempt to survey replacement wells and new wells as soon as possible after installation.

37. Table 11, Summary of Water Quality Indicator Parameters Measured in Surface Water Samples Collected on 22 October 2002 at the Eastern Plume:

MEDEP Initial Comment—It is noted that the temperature of water at SW-10 and SW-12 are 6.05 and 5.62 °C, respectively. The water temperatures at the other three stations fall between 9.5 and 10 °C. The temperature differential is large for stations located on the same water course. Please provide an explanation for these results relative to the shallow hydrologic system and field measurement accuracy. (ED)

Navy's Response—A review of climatic data for the Portland area shows ambient temperature in October varies (on average) from 14.8 to 3.5 °C. The values measured at the surface water sampling locations are within this range and, therefore, appear reasonable. Some variation must be expected; during measurement, using field equipment and equipment variation is one possible explanation. Another likely explanation is that these areas were more shaded than the other locations along Mere Brook and, therefore, had lower temperatures during the October sampling event.

MEDEP Follow-Up Response—A more likely explanation is suspected upwelling of cooler groundwater into the stream environment at SW-10 and SW-12, relative to SW-11 and SW-14 near the confluence of Mere Brook and Merriconeag Stream. Apparently, the volume of groundwater discharge into surface water at SW-11 and SW-14 is much less significant compared to surface water flow volume.

Navy's Follow-Up Response—Agreed; this is another possible interpretation of the data.

RESPONSE TO COMMENTS FROM THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION ON THE DRAFT MONITORING EVENT 21 – OCTOBER 2002 FOR SITES 1 AND 3 AND EASTERN PLUME NAVAL AIR STATION, BRUNSWICK, MAINE

Commentor: Claudia Sait	
Comment Issue Date: 6 January 2004	**Navy Response Date: 18 November 2004**

The Maine Department of Environmental Protection (MEDEP) has reviewed the report entitled *Sites 1 and 3 and Eastern Plume, Monitoring Event 21 - October 2002*, dated November 2003, prepared by EA Engineering, Science, and Technology. Based on that review, MEDEP has the following comments and issues.

GENERAL COMMENTS

1. The subject report does not incorporate the corrections that the Navy authored in response to MEDEP's comments on the draft text for Monitoring Event 20. It is expected that all mutually agreed changes to the Monitoring Event 20 report will be inserted into a draft final version of the Monitoring Event 21 report, as appropriate, for the regulators to confirm. (A review of the document indicates that the following agreed upon edits were not carried forward: 2, 6, 7, 8, 9, 10, 11, 12, 14, 15, and 21.) (ED)

   Response—These edits have been added to the Final Monitoring Event 21 Report.

2. In Section 2.3.3, several volatile organic compounds (benzene and vinyl chloride) are mentioned as having exceeded their respective MCL/MEG concentrations. A phrase in parentheses reads "(which is not a contaminant of concern)". In the strict sense of the ROD language, these compounds were not included; however, whenever an MCL or MEG is exceeded the regulators and public will be concerned, especially if it is a reoccurring event. Therefore, MEDEP recommends that the phrase be deleted, or reworded as follows: "which was not identified as a contaminant of concern in the ROD". (ED)

   Response—The phrase in parentheses "(which is not a contaminant of concern)" in Section 2.3.3 has been reworded as follows:

   (which was not identified as a contaminant of concern in the ROD).

3. The wrong units (µg/L) are used in Sections 2.4.3.2 and 2.4.3.3. The correct units are µg/kg. Please correct these paragraphs. (ED)

   Response—The units of µg/L cited in Sections 2.4.3.2 and 2.4.3.3 have been changed to µg/kg.

SPECIFIC COMMENTS

4. Section 1.1, Introduction, p. 2, 2nd paragraph, 1st sentence:

   Please insert "*as well as MEDEP and EPA*" after Brunswick Sewer District. (ED)

   Response—The referenced phrase " Monthly groundwater extraction and treatment system operations reports provided to the Brunswick Sewer District, as well as the MEDEP and EPA" has been incorporated into Section 1.1.

5. Section 1.6.1, Inspection Activities, p. 9, 2nd bullet:

   "Percent oxygen measurements were unable to be collected due to a meter malfunction."

   While dissolved oxygen is an optional field parameter under the LTMP. The Navy and its consultant should make every reasonable effort to collect the data. It is recommended that the Navy's consultant should have available on base a backup instrument, or else be able to acquire another instrument within several days and revisit the monitoring locations. (NR)

   Response—The Navy agrees with this comment and will make efforts to provide backup equipment available during further sampling events.

6. Section 2.2, Water Level Gauging Program Trends, p. 12, 1st paragraph:

   "The depth of groundwater during October 2002 at monitoring well EW-06 was 34.33 ft mean sea level, which indicates, at this time, that the groundwater potentiometric surface is rising above the bottom of the waste mass at this location."

   a. The problem with this statement (also made in the Monitoring Event 20 report) was only partially addressed in MEDEP Specific Comment 17 for ME-20. MW-234R is about 100 feet north of EW-06. EW-06 is located approximately along the western boundary of a major landfilled trench, whereas MW-234R is more in the center of the same trench. The groundwater elevation at MW-234R is reported in Table 3 as 31.28 ft above mean sea level. From the above information and Figure 6 (shallow groundwater potentiometric surface contour map), the elevation of water in EW-06 appears anomalous. However, the text does not discuss this, but instead is giving a warning that the fill waste is becoming saturated again. Furthermore, a footnote in the ME-19 report (but not in the ME-20 report) states that the old pumping vault was flooded with water at the time, and that the vault appeared to be sinking, however, the vault bottom could not be checked. It appears that something anomalous is occurring at EW-06, and should be investigated by the Navy. In the meantime, any interpretation of waste saturation due to a higher groundwater elevation in EW-06 than in surrounding monitoring wells must be qualified. This conflict between data must be resolved as quickly as possible. (RR)

      Response—The problem at EW-6 was identified and determined to be related to surface water flowing above the landfill liner, and then entering the vault. This problem has been corrected and the data obtained from this well are suitable for contouring. A review of past groundwater elevations at EW-6 show that since pumping at the well ceased, the

water elevation has varied from a minimum of 34.33 ft to a maximum of 36.67 ft. This variation is consistent with normal fluctuations at this sampling point. Water elevations noted at this well have been relatively constant since August 1998. Based on this review, the water elevation data collected at this well appear to be accurate. The Draft Monitoring Event 21 Report was issued in November 2003 prior to receiving final review comments from the MEDEP on the Monitoring Event 20 Report.

The note on the deep water table map has been edited to remove the statement that "...previously reported that the vault appeared to be sinking." The statement has been revised as follows:

> *The depth of groundwater during October 2002 at extraction well EW-06 was 34.33 ft mean sea level.*

b. The Navy must include updates of the shallow and deep well graphs of groundwater elevations for the landfill wells to allow readers to quickly assess water-level trends. Figure 5 of the Monitoring Event 19 report served this purpose well, but has been missing from the last two monitoring event reports. Please add the Figure 7 graphs to this report.(ED)

Response—The updates of the shallow and deep monitoring graphs of groundwater elevations for the landfill wells have been incorporated into the Final Monitoring Event 21 Report in order to provide additional information on water level trends.

7. <u>Section 2.3, Groundwater Monitoring and Sampling Program Trends, p.12, 2nd paragraph</u>:

"Trend graphs are provided in Appendix C.1."

Trend graphs are located in C.3. Please use a different designation for Appendix C.1 and C.2 such as color rings or bulls-eye contamination trends. (ED)

Response—This sentence has been revised as follows:

> *Trend graphs are provided in Appendix C.3.*

8. <u>Section 2.3.1, Sites 1 and 3, Volatiles, Monitoring Well MW-202A, p. 12</u>:

"Vinyl chloride results (1J µg/L) exceed the State MEG (0.15 µg/L) for this monitoring well."

Vinyl chloride was not detected in MW-202A for Monitoring Events 19 and 20 and due to the scale of the graph in Appendix C.3, it is not possible to determine the historic presence or absence of this contaminant. If this is the first appearance, the text should state this. (ED)

Response—This sentence has been reworded as follows:

> *Vinyl chloride results (1J µg/L) exceed the State MEG (0.15 µg/L) for this monitoring well. However, vinyl chloride was not reported in this monitoring well in Monitoring Events 19 and 20.*

In an attempt to limit the number of graphs in each report, several COCs are included on each graph and, therefore, identifying exact concentrations (especially at very low concentrations) can be problematic. The analytical database is distributed to MEDEP for this purpose—it can quickly be used to determine the precise historical trends at a sampling location.

9. <u>Section 2.3.1, Sites 1 and 3, Volatiles, Monitoring Well MW-217B, p. 13</u>:

"Total VOC results significantly decreased from approximately 350 to 10 µg/L."

"Total VOC results significantly decreased from approximately 250 to 13 µg/L."

The first statement refers to the low-flow sample and the second statement to the deep diffusion sample. The data result tables in monitoring event reports 19, 20 and 21 do not provide these same data quoted above. However, some decrease is apparent from the tables.

a. First Statement: Considering low-flow first, 140B µg/L (1,2-dichlorobenzene) was included in Total VOC in Table B-1 (ME-21), but was dropped from Total VOC in the text above, resulting in 10µg/L. Furthermore, the ME-19 Total VOC is shown as 320 µg/L, not 350 µg/L, of which 290D is 1,2-dichlorobenzene. The Navy must decide if the dichlorobenzene is real, and make the appropriate correction and/or footnotes to the above statements and/or tables. (RR & ED)

   Response—The compound 1,2,-dichlorobenzene should be included in the total VOC calculations. The first statement: "Total VOC results significantly decreased from approximately 350 to 10 µg/L" has been revised as follows:

   > *Total VOC trend results in the low-flow sample show a steady decrease from 320 µg/L (Monitoring Event 19) to 150 µg/L (Monitoring Event 21).*

b. Second Statement: The same situation occurs again involving 1,2-dichlorobenzene. This time, 170D µg/L of this compound was retained in the ME-20 Total VOC, but 74B µg/L was dropped in the ME-21 Total VOC. This problem must be addressed and treated consistently. (RR & ED)

   Response—The compound 1,2-dichlorobenzene should be included in the total VOC calculations. The second statement: "Total VOC results significantly decreased from approximately 250 to 13 µg/L" has been revised as follows:

   > *Total VOC trend results in the deep diffusion sample show a gradual decrease from 240 µg/L (Monitoring Event 19) to 87 µg/L (Monitoring Event 21).*

c. The graphs in Table C.3 may also need modification, depending on the resolution of the inconsistency in reporting Total VOC. (ED)

Response—The trend graphs in Appendix C.3 for MW-217B (both the low-flow sample and deep diffusion sample Figure) have been modified to show the reported concentrations of 1,2-dichlorobenzene, which affect the total VOC values.

10. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well MW-205, p. 15:

A description of the MW-205 data is not provided, and analytical data are not provided in Table B-3 and Figure 24 in Appendix C.4. However, conflicting evidence is observed on Figure 10, where a total VOC concentration of 131 µg/L appears next to the well location. Furthermore, field parameters were reported in Table 8 for aqueous diffusion sampling results. If the well was not sampled or VOCs not analyzed, the reason must be given in this report. The Navy should recognize that MW-205 is a key well in the Eastern Plume LTMP, and it has to be sampled each event. (RR)

Response—Well MW-205 was sampled for VOCs during this monitoring event. The discussion paragraph describing the data reported at MW-205 was inadvertently omitted from Section 2.3.3. The following paragraph has been included in this Section:

> ***Monitoring Well MW-205***—*A deep diffusion sample was collected from this monitoring well location. The total VOC concentrations, including 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2,-dichloroethene (total), tetrachloroethene, and trichloroethene, have decreased since the last monitoring event at this location. Subsequently, the total VOC concentrations reported for Monitoring Event 21 (131 µg/L) show a decrease in concentrations from the concentrations calculated in the previous sampling event (i.e., 303 µg/L). However, in Monitoring Event 21, tetrachloroethene and trichloroethene concentrations exceeded the Federal MCLs and State MEGs at this diffusion sample depth.*

11. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well MW-207AR, p. 15:

"Low-flow concentrations (including total VOCs) have ranged from not detected to approximately 45 µg/L since April 2002."

This statement is incorrect. Figure 29 of Appendix C.4 shows that total VOCs for the two sample results since April 2002 are in the order of 45 µg/L. Only 1,1,1-TCA and 1,1-DCA were non-detects. Please correct the above statement. (ED)

Response—The referenced sentence: "Low-flow concentrations (including total VOCs) have ranged from not detected to approximately 45 µg/L since April 2002" has been reworded as follows:

> *Total VOC concentrations reported in the low-flow sample have declined slightly since April 2002. However, 1,1,1-trichloroethane and 1,1-dichloroethane have remained at non-detect since April 2002.*

12. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well MW-225A, p. 15, last sentence:

"...and the concentration of benzene (which is not a contaminant of concern) also exceeds both the Federal MCL and State MEG."

This finding is unexpected, particularly above trace levels. Benzene would become a concern to MEDEP if it were to remain above the State MEG. (NR)

Response—Comment has been noted. The reported benzene concentrations at MW-225A will continue to be tracked and reported in the monitoring event reports.

13. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well MW-229A, p. 16, last sentence:

"Since 2000, volatile concentrations (including total VOCs) have ranged from not detected to approximately 110 µg/L."

As the graph in Figure 50 (Appendix C.4) shows, total VOCs have not been close to non-detect. This problem is the same as that discussed in Comment #11. Please correct. (ED)

Response—The referenced sentence: "Since 2000, volatile concentrations (including total VOCs) have ranged from not detected to approximately 110 µg/L" has been reworded as follows:

> *Since 2000, volatile concentrations (including total VOCs) have ranged in concentrations up to approximately 110 µg/L in April 2000. However, since 2000, 1,1-dichloroethane remains at non-detect and trichloroethene remains above the State MEG and Federal MCL at this monitoring well location.*

14. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well MW-306, p. 16, last sentence:

Again, there has been no non-detects of total VOCs since 2000. Please correct. (ED)

Response—The last sentence in the second full paragraph under the discussion of Monitoring Well MW-306: "Since 2000, volatile concentrations (including total VOCs) have remained consistent with levels ranging from not detected to approximately 150 ug/L" has been reworded as follows:

> *Since 2000, the total VOC concentrations have increased from 122 to 147 µg/L in Monitoring Event 21.*

15. Section 2.3.3, Eastern Plume, Volatiles, Monitoring Well, P-106, p. 17, last sentence:

"...and the concentrations for trichloroethene and 1,1-dichloroethene have ranged from nearly not detected to approximately 1,000 µg/L."

The graph in Figure 133 of Appendix C.4 shows that the lowest concentrations of these two contaminants occurred in October 2002. Table B-3 in this report give the following results: 170 µg/l of trichloroethene and 130 µg/L of 1,1-dichloroethene. These values are far above their respective MCL and MEG, and certainly do not qualify as "nearly not detected". It seems that the Navy lost sight of the Y-axis scale of ¼ inch equals 1000 µg/L. Please replace the entire sentence upon review of the actual graph data and the MCLs/MEGs. (ED)

Response—The referenced sentence on Page 17 under the discussion on Piezometer P-106: "Volatile concentrations for 1,1-dichloroethane, total 1,2–dichloroethene and tetrachloroethene have remained at or near not detected levels since 1995, and the concentrations for trichloroethene and 1,1-dichloroethene have ranged from nearly not detected to approximately 1,000 µg/L" has been revised as follows:

> *Total VOC concentrations reported in piezometer P-106 have remained elevated since 1995; however, the reported concentrations show a steady decline from those reported in 1996 (at approximately 6,500 µg/L).*

16. Section 2.4.1.1, Sites 1 and 3 – Volatiles, p. 18, 4th bullet:

'From 2001 through April 2002, total VOC concentrations have continually increased up to approximately 12 µg/L."

The table and graph in the appendices of this report indicate that the above concentration should be in the order of 2 to 3 µg/L, depending on how the "B" qualifier is handled. Please correct. (ED)

Response—The referenced sentence regarding the surface water sample SW-09, on Page 18: "From 2001 through April 2002, total VOC concentrations have continually increased up to approximately 12 µg/L" has been reworded as follows:

> *From 2001 through April 2002, total VOC concentrations have continually increased from non-detect up to approximately 2 µg/L.*

17. Section 2.4.1.1, Sites 1 and 3 – Inorganics, p. 19, top bullet:

"Inorganic concentrations for manganese and zinc have increased since the last monitoring event while the concentrations for lead has remained similar."

Actually, the lead was not detected the last two events. While these results are "similar", it is more informative to say *"not detected"*. (ED)

Response—The referenced sentence on Page 19 under the discussion on Surface Water Sample SW-09: "Inorganic concentrations for manganese and zinc have increased since the last monitoring event while the concentrations for lead has remained similar." The sentence has been reworded as follows:

> *Inorganic concentrations for manganese and zinc have increased since the last monitoring event while the concentrations for lead have remained at non-detect.*

18. Section 2.4.1.3, Eastern Plume – Volatiles, p. 19, 1st bullet:

The second sentence needs to be updated, as the spike was entirely 2-butanone, which has been since discounted in the Navy's response to MEDEP comments for Monitoring Event 20. (ED)

Response—The second sentence in Section 2.4.1.3 under the discussion on Surface Water Sample SW-10 has been revised as follows:

> *In April 2002, the total VOC concentration was comprised of 2-butanone (10 µg/L) and acetone (11 µg/L). However, these two compounds were non-detect in the October 2002 Monitoring Event results at this sample location.*

19. Section 2.4.1.3, Eastern Plume – Volatiles, p. 19, bullets 3 - 5:

These bullets also need to be corrected due to 2-butanone disqualifications per the Monitoring Event 20 comments and responses. (ED)

Response—The following sentences in Section 2.4.1.3 under the discussion on Surface Water Samples SW-12, SW-13 and SW-14 (bullets 3 through 5) have been revised as follows:

- ***Surface Water Sample SW-12****—Total VOC concentrations remained at or near non-detect levels from 1999 through 2001. In April 2002, the total VOC concentration was comprised of 2-butanone (12 µg/L). However, this compound was non-detect in the October 2002 Monitoring Event results at this sample location.*

- ***Surface Water Sample SW-13****—Total VOC concentrations remained at or near non-detect levels from 1998 through 2000. In April 2002, the total VOC concentration was comprised of 2-butanone (9 µg/L) and acetone (11 µg/L). However, no VOCs were detected in the October 2002 Monitoring Event results at this sample location.*

- ***Surface Water Sample SW-14****—Total VOC concentrations remained at or near non-detect levels from 1999 through 2000. In April 2002, the total VOC concentration was comprised of 2-butanone (11 µg/L). However, no VOCs were detected in the October 2002 Monitoring Event results at this sample location.*

20. Section 2.4.2.1, Sites 1 and 3 – Volatiles, p. 19, 2nd bullet:

The second sentence begins with "Since 1997,...". The graph in Figure 124 in Appendix C.4 shows that the above date should be the entire period of record (i.e., 1995). Please change. (ED)

Response—The referenced sentence in Section 2.4.2.1 under the discussion of Leachate SEEP-03 has been revised as follows:

> *Since 1995, concentrations for contaminants of concern (excluding total VOCs) have ranged from non-detect to approximately 35 µg/L.*

21. Section 2.4.2.2, Sites 1 and 3 – Inorganics, p. 20, 1st bullet:

"Since 1995, inorganic concentrations… have ranged from not detected to approximately 850 µg/L, …"

Figure 116 in Appendix C.4 portrays that the maximum is approximately 500 µg/L. Please correct. (ED)

Response—The referenced sentence in Section 2.4.2.2 under the discussion of Leachate SEEP-01 has been revised as follows:

> *Since 1995, inorganic concentrations (with exception of manganese) have ranged from non-detect to approximately 500 µg/L.*

22. Section 2.4.2.2, Sites 1 and 3 – Inorganics, p. 20, 2nd bullet:

"Since 1995, inorganic concentrations… have ranged from not detected to approximately 800 µg/L, …"

Figure 122 in Appendix C.4 portrays that the maximum is approximately 620 µg/L. Please correct. (ED)

Response—The referenced sentence in Section 2.4.2.2 under the discussion of Leachate SEEP-03 has been revised as follows:

> *Since 1995, inorganic concentrations (with exception of manganese) have ranged from non-detect to approximately 620 µg/L.*

23. Section 2.4.2.2, Sites 1 and 3 – Inorganics, p. 20, 3rd bullet:

"Since 1995, inorganic concentrations… have ranged from not detected to approximately 700 µg/L, …"

Figure 125 in Appendix C.4 portrays that the maximum is approximately 400 µg/L. Please correct. (ED)

Response—The referenced sentence in Section 2.4.2.2 under the discussion of Leachate SEEP-04 has been revised as follows:

> *Since 1995, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 400 µg/L.*

24. Section 2.4.2.2, Sites 1 and 3 – Inorganics, p. 21, 1st and 2nd bullet:

While these descriptions are accurate, a problem exists in that arsenic is included in the graph (Figure 128 Appendix C.4) of all other inorganics, except manganese. For this station arsenic concentrations are at times nearly equal to manganese concentrations, and are orders of magnitude larger than other inorganics. Therefore, please separate out arsenic from Figures 128 and 131, and adjust the concentration scale so that variations of the other ten inorganics can be seen. Arsenic could be added to the manganese graph, or have its own graph. (ED)

Response—Arsenic has been separated out from Figures 128 and 131 and added to the manganese graphs for sample locations SEEP-05 and SEEP-09. The scale on the inorganic graph has been adjusted accordingly.

25. Section 2.4.2.3, Eastern Plume – Volatiles, p. 21, SEEP 11:

"Since the last monitoring event, the concentration of total VOC has increased to 32 µg/L."

Both this statement and Figure 144 (Appendix C.4) give no indication as to the compounds that comprise the concentration of 32 µg/L. This is particularly important because all prior monitoring events have been non-detect for all target compounds. Please add the missing information, and revise the graph as appropriate. (ED)

Response—The second sentence in Section 2.4.2.3 under the discussion on Leachate Seep SEEP-11 has been reworded as follows:

> *Since the last monitoring event, the concentration of total VOCs has increased to approximately 32 µg/L. The compounds comprising the total VOC concentrations at this seep location include: 1,1,1-trichloroethane, 1,1-dichloroethene, 1,2-dichloroethene (total), cis-1,2- dichloroethene, tetrachloroethene, and trichloroethene.*

26. Section 2.4.3.2 Sites 1 and 3 – Volatiles, p. 22, Sediment Sample LT-03:

"Since 1996, volatile concentrations ... have ranged from not detected to approximately 200 µg/L with the exception of 2 spikes ... in 1998 and 1999."

The units should be µg/Kg, not µg/L. Also, the "2 spikes" should be called "*a broad peak spanning two consecutive monitoring events in 1998 and 1999.*" (ED)

Response—The units in Section 2.4.3.2 have been corrected from µg/L to µg/kg. The referenced sentence in this Section, the second bullet under the discussion of Leachate Station Sediment Sample LT-03, has been reworded as follows:

> *Since 1996, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 200 µg/kg with exception of a broad peak spanning two consecutive monitoring events in 1998 and 1999.*

27. Section 2.4.3.2 Sites 1 and 3 – Volatiles, p. 23, Sediment Sample LT-04:

The two contaminants of concern that are plotted in Figure 18 (Appendix C.4) comprise a very small fraction of the total VOC concentrations of the two spikes mentioned. Because these spikes have concentrations in the low parts per million, the primary constituents should be named and their concentrations provided. This situation occurs for most of the leachate sediment stations VOC graphs. The graphs are not very informative, and therefore the text should provide an explanation. (ED)

Response—The five bullets in Section 2.4.3.2 have been edited to identify the contaminants of concern, which comprise the referenced VOC spikes for each of the leachate station sediment samples. The last sentence in each bullet has been revised and the units in this section have been changed (from µg/L to µg/kg) as follows:

- ***[Last sentence of bullet: Leachate Station Sediment Sample LT-01]***—Since 1997, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 200 µg/kg with the exception of 1 spike in 2001 (approximately 1,700 µg/kg) comprised primarily of 2-hexanone and bromoform.

- ***[Last sentence of bullet: Leachate Station Sediment Sample LT-03]***—Since 1996, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 200 µg/kg with the exception of a broad peak spanning two consecutive monitoring events in 1998 and 1999 (ranging from approximately 500 µg/kg to approximately 2,750 µg/kg) comprised of several VOCs, 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1,2- trichloroethane, 1,1,-dichloroethane, 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene, primarily.

- ***[Last sentence of bullet: Leachate Station Sediment Sample LT-04]***—Since 1996, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 1,200 µg/kg with the exception of 2 spikes in 2000 and 2001 (ranging from approximately 2,000 µg/kg to approximately 4,750 µg/kg) comprised of primarily 1,1-dichloroethane, 1,2-dichlorobenzene, 1,2-dichloroethene (total), 1,3-dichlorobenzene, and 1,4-dichlorobenzene.

- ***[Last sentence of bullet: Leachate Station Sediment Sample LT-05]***—Since 1997, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 500 µg/kg with the exception of 1 spike in 2000 (approximately 1,750 µg/kg) comprised of primarily 1,2-dichlorobenzene, and 1,4-dichlorobenzene.

- ***[Last sentence of bullet: Leachate Station Sediment Sample LT-09]***—Since 1999, volatile concentrations (including total VOCs) have ranged from non-detect to approximately 1,000 µg/kg the latter of which was primarily comprised of 1,2-dichlorobenzene, 1,3-dichlorobenzene, and 1,4-dichlorobenzene.

28. Section 2.4.3.2 Sites 1 and 3 – Volatiles, p. 23, Sediment Sample LT-09:

a. "The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained similar."

MEDEP recommends the following language: "*The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained at non-detect since sampling began in 1999.*" (ED)

Response—The referenced sentence on Page 23, under Leachate Station Sediment Sample LT-09 "The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained similar," has been changed as follows:

> *The concentrations of total xylenes and 1,1,2,2-tetrachloroethane have remained at non-detect since sampling began in 1999.*

b. Since 1999, volatile concentrations (including total VOCs) have ranged from not detected to approximately 1,000 µg/L."

Four of the seven total VOCs shown on the graph in Figure 24 (Appendix C.4) are above 600 µg/kg. For Monitoring Event 21, the contaminants are 1,2-dichlorobenzene, 1-4, dichlorobenzene and carbon disulfide. The above statement needs to be more accurate and informative. Also, the units need to be corrected. (ED)

Response—Please see the response to Comment No. 27, bullet five, above.

29. Section 2.4.3.3 Sites 1 and 3 – Inorganics, p. 24, last bullet:

"Since 1999, inorganic concentrations ... have ranged from ... and the concentration of manganese has ranged from *not detected* to approximately 7,000 µg/L."

If the detection limit is about 100 µg/kg, this statement is correct, according to the graph in Figure 23 (Appendix C.4). However, at a scale of 20,000 µg/L equals a quarter inch, it is impossible to read the plotted low values. Please review whether this low value was actually a non-detect. If EA has a table for manganese for Sites 1 & 3 please provide it as part of the response to comments. (RR)

Response—The sentence in the last bullet of Section 2.4.3.3, "Since 1999, inorganic concentrations...have ranged from...and the concentration of manganese has ranged from *not detected* to approximately 7,000 µg/kg" has been revised as follows:

> *Since 1999, inorganic concentrations (with the exception of manganese) have ranged from non-detect to approximately 600 µg/kg, and the concentrations of manganese have ranged from 97.1 µg/kg to approximately 7,000 µg/kg.*

As requested, a summary table of the manganese concentrations in the Leachate Station Sediment Samples is provided as Attachment A to this response to comment letter.

30. Section 3.1, Recommendations:

a. Groundwater Sampling Program: MEDEP agrees with the recommendations. (NR)

Response—Comment noted.

b. Sites 1 & 3 Landfill Cap: MEDEP agrees with the recommendations however, please add a bullet recommending the development of an operation and maintenance plan for the landfill cap. (ED)

Response—In Section 3., a fourth bullet has been added as follows:

- *Develop an Operation and Maintenance Plan.*

c. Additional Data Collection and Review: MEDEP agrees with the recommendations. Please add another bullet regarding the recent RAB discussions of collecting new data to refocus the optimization of the existing pump and treat remedial system in operation. (ED)

Response—In Section 3.1, a third bullet has been added as follows:

> *Continue to collect new data to re-evaluate the operation and efficiency of the existing pump-and-treat remedial system in order to develop an optimization plan for the system.*

31. Section 3.1 Groundwater Sampling Program, p. 25, 2nd bullet:

It is unclear how the use of aqueous diffusion samplers "improve the effectiveness of the monitoring network and remedial systems", as stated in the opening paragraph on this page. MEDEP views this newly applied technology as mostly a cost-saving measure for the Navy. (ED)

Response—The use of aqueous diffusion samplers has shown to be both cost-effective as well as providing reliable groundwater data from discrete sampling depth intervals that is, in effect, improving the effectiveness of the existing monitoring network. In several cases, the sampling results of the diffusion samplers are above the samples collected using the low-flow sampling method. This suggests that, in some cases, the diffusion samplers can provide more representative samples than low-flow results.

32. Appendix C.4, Long-Term Monitoring Trend Results:

a. There are still some graphs remaining that have total VOC concentrations that are less than an individual contaminant concentration. For example, graphs 128 and 130 show TCE concentrations that are greater than total VOC concentrations. Please proof all of the graphs in this appendix carefully, and make corrections as needed. (ED)

Response—The trend graphs have been proofed to assure that the total VOC is representative of the individual contaminant concentrations, and corrections have been made as necessary. Figures 128 and 130 total VOC values shown in the trend graphs were less than the individual contaminant concentrations. This issue with these graphs was corrected in the Final Monitoring Event 21 Report.

b. The symbol for zinc on the leachate seep graphs in Appendix C.4 barely shows in the legends, and is not detectable on the graphs. Please use a different symbol and color. (ED)

Response—The symbol for zinc on the leachate seep graphs has been changed in order to clarify the concentration trends for zinc in these samples.

33. Figure 6, Interpreted Shallow Groundwater Potentiometric Surface Contour Map:

a. "Note 6" appears on the map at EW-6, however, notes 5 and 6 are not given in the Legend. Note 5 was not found on the map. Note 1 has a question mark where the amount of rainfall should have been entered. Also, a note should be added to explain the meaning of "flooded" entered on the map beside the GP stations (Was there standing surface water surrounding the gage, or was the gage unreachable?). Please make the appropriate changes. (ED)

Response—The footnotes on Figure 6 in Monitoring Event 21 have been edited as noted above.

b. Drawdown contours are shown surrounding EW-5A, which is screened only in the lower sand zone. These enclosed contours belong on Figure 7 (deep groundwater potentiometric surface contour map), and not on Figure 6. Please correct. (ED)

Response—The contours surrounding EW-5A have been redrawn onto Figure 7.

34. Figure 7, Interpreted Deep Groundwater Potentiometric Surface Contour Map:

Notes 4 and 5 in the legend give reasons why the potentiometric head elevations for EW-06 and MW-207AR are not available. The flooding of the EW-06 vault has been a long recognized problem that should have been resolved by now, as the water in the vault appears to substantially affect the water level in the well. MW-207AR is an important gauging site and a level survey should have been completed prior to Event 21. The Navy must take action to assure that these data are usable for contouring. (RR & MTG)

Response—The problem at EW-6 was identified and determined to be related to surface water flowing above the landfill liner, and then entering the vault. This problem has been corrected and the data obtained from this well are suitable for contouring. A review of past groundwater elevations at EW-6 show that since pumping at the well ceased, the water elevation has varied from a minimum of 34.33 ft to a maximum of 36.67 ft. This variation is consistent with normal fluctuations at this sampling point. Based on this review, the water elevation data collected at this well appear to be accurate.

35. Table 8, Summary of Water Quality Indicator Parameters:

a. A wrong decimal point placement appears in the value for MW-105A. Please correct. (ED)

Response—The dissolved oxygen value in Table 8 for MW-105A of 60.1 mg/L has been corrected to 6.01 mg/L.

b. Water quality parameters were not collected for MW-331. According to the note in the table, the YSI meter was unable to fit into the well. This well has relatively very high contamination in its water sample, and is an important location to collect field indicator parameters. To be in compliance with the Long Term Monitoring Program the Navy must find a way to collect representative field parameter values from this well for the next monitoring event. (RR)

Response—Water quality indicator parameters were not collected at this well for 4 rounds (2002 and 2003 data). However, the problem with the well has been corrected and sampling gear can now be introduced to the well.

c. It is very unlikely that the reported water conductivity of P-132 of 19 µmhos/cm is representative of groundwater, shallow or deep. It is more akin to fresh precipitation. This piezometer should be inspected closely for a break near the ground surface. (RR)

Response—We agree that a conductivity value this low is suspect, although values at this well have ranged from 19 up to 172 uS/cm. The data recorded during this monitoring event could be the result of natural variations at this well, or due to instrument variation or mis-calibration. The sampling point in question is a small diameter peizometer designed primarily for water level gauging. Therefore, it was constructed without a complete surface well seal, and some introduction of surface water is possible. No indication of a break near ground surface has been observed in well inspections.

36. Table 10, Summary of Water Quality Indicator Parameters Measured in Surface Water and Seep Samples Collected on 22 October 2002 at Sites 1 and 3:

The table shows that SEEP-5 has a dissolved oxygen content of –1.50 mg/L. This is impossible. Please correct. (ED)

Response—The dissolved oxygen recorded in Table 10 has been revised to 1.50. The dash mark on the field form (Appendix E.4) for SEEP-5 is an error.

37. Table 11, Summary of Water Quality Indicator Parameters Measured in Surface Water Samples Collected on 22 October 2002 at the Eastern Plume:

It is noted that the temperature of water at SW-10 and SW-12 are 6.05 and 5.62 °C, respectively. The water temperatures at the other three stations fall between 9.5 and 10 °C. The temperature differential is large for stations located on the same water course. Please provide an explanation for these results relative to the shallow hydrologic system and field measurement accuracy. (ED)

Response—A review of climatic data for the Portland area shows ambient temperature in October varies (on average) from 14.8 to 3.5 °C. The values measured at the surface water sampling locations are within this range and, therefore, appear reasonable. Some variation must be expected; during measurement, using field equipment and equipment variation is one possible explanation. Another likely explanation is that these areas were more shaded than the other locations along Mere Brook and, therefore, had lower temperatures during the October sampling event.

38. Table B-10, Summary of Leachate Station Seep Samples Collected from the Eastern Plume on 22 October 2002:

    MEDEP notes that the one seep sampled is discharging spring water that obviously is hydraulically connected to the Eastern Plume body of contamination in the subsurface and that for this date, values for both tetrachloroethene and trichloroethene exceed these regulatory drinking water standards. (NR)

    Response—We agree with this comment.

Attachment A

Summary of Manganese Concentrations in the Leachate Station Sediment Samples

Sample Matrix	Analyte	EV Number	EV_Date	Units	LT-01	LT-02	LT-03	LT-04	LT-05	LT-09
Sediment	Manganese	5	2/11/1996	mg/Kg	2000	641	841	463	383	
Sediment	Manganese	6	6/23/1996	mg/Kg	964	1040	4010	899	789	
Sediment	Manganese	7	11/14/1996	mg/Kg	111	418	5300	601	266	
Sediment	Manganese	8	3/17/1997	mg/Kg	50.2	249	437	603	1690	
Sediment	Manganese	9	7/16/1997	mg/Kg	128	62.8	425	528	4560	
Sediment	Manganese	10	11/11/1997	mg/Kg	173	173	1300	82.9	1050	
Sediment	Manganese	11	3/15/1998	mg/Kg	733 E	1470 E	12000 E	926 E	139 E	
Sediment	Manganese	12	7/15/1998	mg/Kg	159	780	736	2410	1170	
Sediment	Manganese	13	11/15/1998	mg/Kg	3610		1430	464	703	
Sediment	Manganese	14	3/15/1999	mg/Kg	2800		14900	30700	669	
Sediment	Manganese	15	9/13/1999	mg/Kg	203 N		64000 N	486 N	577 N	816 N
Sediment	Manganese	16	4/17/2000	mg/Kg	855		7180	422	1880	7270
Sediment	Manganese	17	9/17/2000	mg/Kg	105	1260	3760	1010	745	97.1
Sediment	Manganese	18	5/4/2001	mg/Kg	140		1540	477	620	703
Sediment	Manganese	19	11/1/2001	mg/Kg	17800		1430	3360	833	805
Sediment	Manganese	20	4/11/2002	mg/Kg	3470		24000	5010	563	2800
Sediment	Manganese	21	10/15/2002	mg/Kg	778		30200	1100	1900	1040
Sediment	Manganese	22	5/8/2003	mg/Kg	12900		35000	4620	2290	1720
Sediment	Manganese	23	10/10/2003	mg/kg	1780		1170	53.5	120	195
Sediment	Manganese	24	4/10/2004	mg/kg	72.8 J		3130 J	41.1 J	1310 J	380 J

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12/20/2004 03:43 PM

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Subject: Re: NASB, Navy's follow-up responses to EPA follow-up comments on Sites 1/3/EP MEs 21, 22, and 23 reports.

EPA has reviewed these follow-up responses and has no further comments at this time. The January 19, 2005 at 10 am, conf call will be used to discuss several items, 1 of which will be the use of field test kits for ferrous iron.

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PURSUANT TO SECTION 6 OF THE NAVAL AIR TECHNICAL REVIEW RESPONSE TO RESPONSE TO COMMENTS FROM THE U.S. ENVIRONMENTAL PROTECTION AGENCY ON THE DRAFT MONITORING EVENTS 21, 22, AND 23 REPORTS FOR SITES 1 AND 3 AND EASTERN PLUME AT NAVAL AIR STATION, BRUNSWICK, MAINE

Commentor: Christine Williams	
Comment Issue Date: 2 December 2004	Navy Response Date: 17 December 2004

DRAFT MONITORING EVENT 21 – OCTOBER 2002, DATED 12 OCTOBER 2004

The following follow-up comments retain the numbering given in Navy's Response. Follow-up comments are given only for those items that are not satisfactorily resolved, or that might benefit from further clarification.

GENERAL COMMENTS

3. The original comment noted that analytical results for inorganics for seep samples are erratic, probably due to variable particulate content. The Response expressed a desire to discuss this issue at the October technical meeting. This reviewer does not recall a final resolution of this issue. There seems to be a consensus with respect to Site 2 seep sampling; shallow drive points have been proposed to replace collection of water at the surface. The same approach may be appropriate for Sites 1 and 3 and the Eastern Plume. If water samples from the shallow drive points still exhibit high turbidity, it may be necessary to filter the samples in the field in order to provide a consistent basis for comparison of analytical results from location to location and from round to round at the same location.

   Response—The shallow groundwater sample points will be used to replace turbid seep samples at Site 2, in addition to Sites 1 and 3. Hopefully these can be constructed and developed in a fashion which limits turbidity and therefore mitigates the need for filtered sample collection. We agree that filtering may need to be done to assess what the actual concentration of dissolved metals. This issue was further discussed during the December 2004 Technical Meeting and the shallow sampling points will be installed prior to the April 2005 sampling event.

4. The original comment noted that the redox indicators (ORP, DO) collected with the diffusion samples are not consistently reproducible in low-flow sampling in cases where a comparison can be made. The Response indicates a willingness to discuss this issue at the October technical meeting. The topic was discussed briefly at the meeting, and Navy/EA stated that studies had been done that demonstrate that reliable redox parameters can be collected in conjunction with diffusion sampling. Navy/EA indicated that they would research this, and follow up with a proposal for the best sampling protocol. It is noted that the importance of collecting meaningful redox parameters might be assessed on a case-by-case basis, both in view of the intended data use and in view of the proposed sampling protocol(s). For example, where VOC monitoring is being performed solely to determine VOC plume evolution (e.g., sentry wells that are placed to verify continued absence of VOC

contamination; "hot spot" wells that are used to gauge contaminant mass decline; etc.), it is possible that all parties may agree that redox conditions are not of central interest, a degree of uncertainty on redox parameters is acceptable, and diffusion sampling for VOCs meets the primary monitoring goals. If a full-fledged MNA investigation and/or monitoring program is launched, for which redox conditions are a critical element, low-flow sampling may be necessary in any case in order to collect samples for the additional required analyses (e.g., sulfate, nitrate, dissolved iron and manganese, etc.). In this event, the field parameters would be collected during the purge. Similarly, if there are open issues with regard to inorganics (e.g., elevated metals concentrations), low-flow sampling would be necessary in any case. The reliability of the redox parameters collected in conjunction with diffusion sampling is a significant issue only if the data are being called upon in an assessment of geochemical conditions—e.g., to evaluate the potential for natural attenuation by reductive dechlorination.

Response—We agree with this comment and appreciate the level of effort focused on the issue of MNA evaluation for the Eastern Plume. The Navy considers this comment to be constructive and we look forward to future discussions related to MNA. We agree that redox measurements are likely to be useful for the current goals of the monitoring program (i.e., to determine when a low-flow sample can be collected) and to assess long-term changes in groundwater VOC concentrations. The Navy does not consider this data from diffusion samplers to be of sufficient quality to be used for a quantitative MNA assessment. This issue of using diffusion samplers at wells included in the MNA assessment was discussed during the December 2004 Technical Meeting. It was agreed that wells where MNA parameters will be collected will be sampled by low-flow method only. Therefore the data will be useful for a future MNA assessment.

DRAFT MONITORING EVENT 22 – APRIL/MAY 2003, DATED 6 OCTOBER 2004

The following follow-up comments retain the numbering given in Navy's Response. Follow-up comments are given only for those items that are not satisfactorily resolved, or that might benefit from further clarification.

SPECIFIC COMMENTS

4. The original comment noted a typographical error in the units given for inorganics concentrations in sediment. The Response appears to have another typographical error; sediment concentrations for inorganics are typically reported in mg/kg.

   Response—We agree with this comment; the response incorrectly noted units due to a typographical error. The Final report correctly notes mg/kg units for sediment.

6. The original comment noted a number of inconsistencies in the reporting of units for analyses performed on sediment. The Response states that the abbreviation for micrograms per kilogram will be corrected in the tables. The original comment noted several other inconsistencies, as well. Please verify that all references to units in both text and tables are internally consistent, and consistent with the laboratory data sheets.

Response—We agree with this comment. The text, tables and all references within the Final report correctly note mg/kg units for sediment.

DRAFT MONITORING EVENT 23 — OCTOBER 2003, DATED 12 OCTOBER 2004

The following follow-up comments retain the numbering given in Navy's Response. Follow-up comments are given only for those items that are not satisfactorily resolved, or that might benefit from further clarification.

SPECIFIC COMMENTS

4. The original comment noted that the redox indicators (ORP, DO) collected with the diffusion samples are not consistently reproducible in low-flow sampling in cases where a comparison can be made, with specific reference to the ME 23 data. The Response indicates a willingness to discuss this issue at the October technical meeting. The topic was discussed briefly at the meeting, and Navy/EA stated that studies had been done that demonstrate that reliable redox parameters can be collected in conjunction with diffusion sampling. Navy/EA indicated that they would research this, and follow up with a proposal for the best sampling protocol. It is noted that the importance of collecting meaningful redox parameters might be assessed on a case-by-case basis, both in view of the intended data use and in view of the proposed sampling protocol(s). For example, where VOC monitoring is being performed solely to determine VOC plume evolution (e.g., sentry wells that are placed to verify continued absence of VOC contamination; "hot spot" wells that are used to gauge contaminant mass decline; etc.), it is possible that all parties may agree that redox conditions are not of central interest, a degree of uncertainty on redox parameters is acceptable, and diffusion sampling for VOCs meets the primary monitoring goals. If a full-fledged MNA investigation and/or monitoring program is launched, for which redox conditions are a critical element, low-flow sampling may be necessary in any case in order to collect samples for the additional required analyses (e.g., sulfate, nitrate, dissolved iron and manganese, etc.). In this event, the field parameters would be collected during the purge. Similarly, if there are open issues with regard to inorganics (e.g., elevated metals concentrations), low-flow sampling would be necessary in any case. The reliability of the redox parameters collected in conjunction with diffusion sampling is a significant issue only if the data are being called upon in an assessment of geochemical conditions—e.g., to evaluate the potential for natural attenuation by reductive dechlorination.

   Response— We agree with this comment and appreciate the level of effort focused on the issue of MNA evaluation for the Eastern Plume. We agree that redox measurements are likely to be useful for the current goals of the monitoring program (i.e., to determine when a low-flow sample can be collected) and to assess long-term changes in groundwater VOC concentrations. The Navy does not consider this data from diffusion samplers to be of sufficient quality to be used for a quantitative MNA assessment. This issue of using diffusion samplers at wells included in the MNA assessment was discussed during the December 2004 Technical Meeting. It was agreed that wells where MNA parameters will be collected will be sampled by low-flow method only. Therefore the data will be useful for a future MNA assessment.

9. The original comment requested revision of text for clarity. The proposed change is an improvement. It is suggested that the sentence be revised to read something like, "The rate of VOC mass removal continued to decrease because influent concentrations decreased over the reporting period." Cumulative mass removed, by definition, necessarily increased.

   Response—We agree with this comment. The text of the Final report has been changed as suggested in this comment.

12. The original comment addressed difficulties with obtaining good samples from seeps. The Response expressed a desire to discuss this issue at the October technical meeting. This reviewer does not recall a final resolution of this issue. There seems to be a consensus with respect to Site 2 seep sampling; shallow drive points have been proposed to replace collection of water at the surface. The same approach may be appropriate for Sites 1 and 3 and the Eastern Plume. If water samples from the shallow drive points still exhibit high turbidity, it may be necessary to filter the samples in the field in order to provide a consistent basis for comparison of analytical results from location to location and from round to round at the same location.

    Response— The shallow groundwater sample points will be used to replace turbid seep samples at Site 2, in addition to Sites 1 and 3. Hopefully these can be constructed and developed in a fashion which limits turbidity and therefore mitigates the need for filtered sample collection. We agree that filtering may need to be done to assess what the actual concentration of dissolved metals. This issue was further discussed during the December 2004 Technical Meeting and the shallow sampling points will be installed prior to the April 2005 sampling event.

15. The original comment noted inconsistencies between field measurements of ferrous iron using Hach kits and laboratory analyses for total iron, which are often assumed to represent principally reduced iron. The Response indicates general agreement with the observation that the field measurements appear to be unreliable. In recent discussion at another Region 1 CERCLA site, EPA's chemist indicated that the field analyses can yield good results if great care is taken with preparation and preservation of the standards, as well as with doing sample dilutions when necessary. However, these steps are quite demanding, and must be weighed against the ultimate utility of the data. Further discussion is needed to determine the best course of action.

    Response—The Navy would prefer not to use an method which requires a demanding field preservation method unless no other alternative is available. We propose this issue should be discussed during the January 2005 conference call so the best possible total iron analysis can be used for the April 2005 sampling event.

23. The original comment attempted to assess the presence of, and mechanism for, elevated arsenic in Eastern Plume groundwater. Navy/EA's Response states that the arsenic is most likely of natural origin. It is agreed that there is no indication of an anthropogenic release of arsenic, and, in fact, the assessment given in the original comment explored the association of arsenic with ambient iron. However, it is emphasized that the reason for concern over arsenic in this setting is that it can be mobilized as an *indirect* consequence of anthropogenic activity. That is, when fuels were released to groundwater at the fire-fighter training area or

other loci, degradation in the subsurface likely resulted in reducing conditions; reductive dissolution of naturally occurring iron oxyhydroxides on aquifer solids; and mobilization of sorbed, naturally occurring arsenic. The presence of the arsenic is natural, but the elevated dissolved arsenic concentrations in groundwater are not. Nonetheless, as noted in the comment, the problem appears to be local (i.e., As is found above MCL in only a few locations) and of moderate magnitude (i.e., maximum concentrations less than 3 times the MCL). Arsenic certainly bears continued scrutiny, as it is possible that elevated arsenic may persist in the aquifer even after the VOCs have been reduced to acceptable levels.

Response—We appreciate this comment and agree with the general theme – that arsenic may persist after VOC concentrations decrease below regulatory concentrations. At this time the Navy considers the limited number of arsenic exceedance of MCL to be of interest although the VOC of the Eastern Plume are the primary focus of current remedial actions. If necessary, the issue of arsenic exceedance of MCL will be explored in the future if these concentrations impact protectiveness of the existing remedy, or show significant increasing trends. However, based on existing groundwater data, neither of these situations appear to be likely in the future.

RESPONSE TO COMMENTS FROM THE U.S. ENVIRONMENTAL PROTECTION AGENCY ON THE DRAFT MONITORING EVENT 21 – OCTOBER 2002 FOR SITES 1 AND 3 AND EASTERN PLUME NAVAL AIR STATION, BRUNSWICK, MAINE

Commentor: Christine Williams	
Comment Issue Date: 23 December 2003	Navy Response Date: 12 October 2004

Pursuant to § 6 of the Naval Air Station Brunswick, Maine Federal Facility Agreement dated 19 October 1990, as amended (FFA), the U.S. Environmental Protection Agency has reviewed the subject document and comments are below.

GENERAL COMMENTS

1. Monitoring Event 21 sample collection and analysis was carried out successfully. Results are generally consistent with recent trends (see, e.g., Appendices C.3 and C.4), particularly for VOCs.

   Response—We agree with this comment.

2. Inorganics results are somewhat erratic in all media. For groundwater and surface water, much of the variability in inorganics concentrations may be due simply to variations in particulates; it is noted that turbidity is relatively high at many of the monitoring wells (see, e.g., Tables 6 and 7).

   Response—We agree with this comment.

3. The leachate water analyses show some extremely high concentrations of inorganics, including iron, manganese, and arsenic. It appears that the seeps are discharging reducing groundwater to the surface, where the iron oxidizes, sorbing other elements in the process. The analyses of both the water and the sediment from these locations are probably highly sensitive to the mass of this iron floc that happens to be included in the sample, and variations in the analytical results from round to round are perhaps not surprising. Consideration might be given to field filtration of the seep water samples in order to collect samples that offer a more consistent basis for comparison from round to round. However, it must be acknowledged that even filtered samples will carry some uncertainty in interpretation because particulates (including colloids) less than 0.45-micron may still be present in significant mass.

   Response—We agree with this comment. The usefulness of these sample results is questionable for the reasons noted in this comment. As part of the October 2004 Technical Meeting, the Navy will raise this issue with the TRC for additional discussions.

4. The recommendations (Section 3) are sound. The second bullet in Section 3.1 recommends that diffusion sampling be made a permanent part of the LTMP. The suggested discussion with regulators should include discussion of the best methods to replace the data for field parameters (e.g., ORP, pH, DO) obtained routinely as a part of the purge in low-flow sample collection. These data are taking on increasing significance because of the interest in natural attenuation of the VOCs.

   Response—We agree with this comment. We would like to discuss the most appropriate way to collect field parameters while continuing to use diffusion samplers. This issue has been added to the agenda for the October 2004 Technical Meeting.

SPECIFIC COMMENTS

5. ***Page 11, Section 2.1***—The report states, "The VOC removal rates show a declining trend since 1998. This suggests that the highest concentration areas of the Eastern Plume have been effectively targeted by extraction wells, and VOC concentrations in the plume have been significantly reduced." While EPA believes this may be a bit of an overstatement, discussion should take place during the January 2004 technical meeting. In particular, declining mass removal rates show only that the mass removal rate at the particular EW locations chosen are going down; this does not, by itself, say anything about whether or not these locations are optimal. Furthermore, the mass removal rates alone do not even say anything about VOC concentrations; constant concentration at a well that is experiencing declining flow rate because of fouling will also result in a decline in mass removal rate. With regard to placement of the EWs, we note in particular that the hotspot well, MW-331, has seen increasing concentrations since 1999 (when the diffusion sampling began), rising from ~400 to ~1800 ppb total VOC. This suggests that the true "center" of this hotspot still lies upgradient of this well. Furthermore, from the deep groundwater potentials shown on Figure 10, it is not clear that this hotspot is in the capture zone of any downgradient EW (e.g., EW-02A). These issues deserve further discussion in the upcoming assessments of the pump-and-treat system.

   Response—We agree with this comment. The area near MW-331 is being considered for installation of a new extraction well. This area notes the highest total VOC concentrations in the Eastern Plume and, therefore, is likely to enhance plume remediation and effective capture of this hotspot. The topic of the new extraction wells will be discussed during the October 2004 Technical Meeting.

6. ***Page 22, Section 2.4.3.2***—Please check the units on the reported concentrations. It appears that the VOC concentrations should be reported in micrograms per kilogram.

   Response—The units throughout Section 2.4.3.2 were changed to µg/kg.

7. ***Page 23, Section 2.4.3.3***—Please check the units on the reported concentrations. It appears that the inorganics concentrations should be reported in mg/kg.

   Response—The units throughout Section 2.4.3.3 were changed to µg/kg.

8. ***Appendix B, Table B-3***—The VOC data-summary table appears to omit the results for MW-205. The plots included in Appendix imply that a deep diffusion sampler has been deployed in this well since 2000. Total VOCs from the deep diffusion sample in the last round shown on the plot were approximately 300 micrograms per liter; 1,1,1-TCA and TCE both appear to be greater than 100 micrograms per liter. Figure 10 shows total VOCs for this well at 131 micrograms per liter. Please check the data summary tables, Figure 10, and the trend plot in Appendix B for consistency in the reporting for this well.

   Response—The results for MW-205 have been added to Table B-3.

Appendix B

Laboratory Analytical Data Summary Tables

TABLE B-1 SUMMARY OF GROUNDWATER SAMPLES COLLECTED FROM SITES 1 & 3 ON 8 AND 9 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			MW-202A	MW-203	MW-203 (Dup)	MW-204	MW-2101
			Low-flow sample	Low-flow sample	Low-flow sample	Low-flow sample	Low-flow sample
Compound/Element	MEG (a)	MCL (b)					
Total VOC	NC	NC	4	0.2	0.2	ND	ND
1,1-Dichloroethane	70	NC	2	0.2J	0.2J	(<1U)	(<1U)
1,2-Dichlorobenzene	600	600	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethane	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	1J	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chlorobenzene	47	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	1	(<1U)	0.5J	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	NC	5	(<2U)	0.6JB	0.6JB	(<2U)	(<2U)
Toluene	1,400	1,000	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	1J	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

			MW-217B		MW-218	MW-219	MW-240
			Low-flow sample	Deep Diffusion Sample	Low-flow sample	Low-flow sample	Low-flow sample
Compound/Element	MEG (a)	MCL (b)					
Total VOC	NC	NC	150	87	ND	ND	ND
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichlorobenzene	600	600	140B	74B	(<1U)	(<1U)	(<1U)
1,2-Dichloroethane	5	5	5	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Benzene	5	5	2	2	(<1U)	(<1U)	(<1U)
Chlorobenzene	47	100	3	3	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Methylene Chloride	NC	5	(<2U)	(<2U)	0.6JB	(<2U)	(<2U)
Toluene	1,400	1,000	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	8	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-1 (CONTINUED)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE B-2 SUMMARY OF GROUNDWATER SAMPLES COLLECTED FROM SITES 1 & 3 ON 8 AND 9 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			MW-202A	MW-203	MW-203 (Dup)	MW-204	MW-2101
			Low-flow sample	Low-flow sample	Low-flow sample	Low-flow sample	Low-flow sample
Compound/Element	MEG (a)	MCL (b)					
Aluminum	1,430	200	33.5B*	(<25.37U)	(<25.37U)	(<25.37U)	85.2B*
Arsenic	NC	50	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Barium	1,500	2,000	12.8	28	28.1	1.4B*	47.8
Beryllium	NC	4	0.46B*	0.45B*	0.56B*	(<0.37U)	(<0.37U)
Calcium	NC	NC	7,980	73,100	74,300	3,700	49,300
Chromium	100	100	1.2B*	6.1B*	10.8B*	11.8B*	1.8B*
Cobalt	NC	NC	(<5.13U)	(<5.13U)	(<5.13U)	(<5.13U)	(<5.13U)
Copper	NC	1,300	(<0.9U)	(<0.9U)	(<0.9U)	(<0.9U)	(<0.9U)
Iron	NC	300	19.6B*	33.8B*	67.5B*	68.6B*	16B*
Lead	NC	15	2B*	2.2B*	1.4B*	(<1.26U)	2.1B*
Magnesium	NC	NC	1,800	21,400	21,000	1,170	4,520
Manganese	200	50	**1,790**	3.5B*	6.2	3.6B*	23.1
Mercury	2	2	0.06B*	(<0.01U)	0.15B*	0.15B*	0.22
Nickel	100	100	2B*	3.9B*	7.4B*	9.3B*	5.4B*
Potassium	NC	NC	1,120	3,970	3,570	642B*	5,700
Sodium	NC	NC	16,900	22,000	20,900	4,440	3,250
Thallium	0.5	2	0.2B*	0.12B*	0.2B*	0.4B*	0.42B*
Zinc	NC	5,000	(<1.55U)	(<1.55U)	1.7B*	(<1.55U)	3.6B*

			MW-217B	MW-218	MW-219	MW-240
			Low-flow sample	Low-flow sample	Low-flow sample	Low-flow sample
Compound/Element	MEG (a)	MCL (b)				
Aluminum	1,430	200	102B*	**519**	83.6B*	**5,410**
Arsenic	NC	50	(<2U)	**114**	(<2U)	3.2B*
Barium	1,500	2,000	83.9	4.3B*	3.9B*	14.6
Beryllium	NC	4	(<0.37U)	0.45B*	0.45B*	0.69B*
Calcium	NC	NC	91,400	13,200	11,000	10,400
Chromium	100	100	23.5	27.9	5.1B*	37.4
Cobalt	NC	NC	5.9B*	(<5.13U)	(<5.13U)	(<5.13U)
Copper	NC	1,300	3.7B*	(<0.9U)	(<0.9U)	34.8
Iron	NC	300	**8,430**	**3,080**	151	**964**
Lead	NC	15	2.2B*	2.1B*	1.8B*	2.2B*
Magnesium	NC	NC	38,700	8,400	3,930	2,020
Manganese	200	50	**2,040**	**480**	2.2B*	30.8
Mercury	2	2	0.14B*	0.18B*	0.12B*	0.11B*
Nickel	100	100	29.2B*	25.6B*	4.4B*	31.6B*
Potassium	NC	NC	5,680	8,970	1,040	3,280
Sodium	NC	NC	323,000	242,000	7,070	5,260
Thallium	0.5	2	(<0.1U)	0.13B*	0.29B*	**0.66B***
Zinc	NC	5,000	13B*	25.7	3.2B*	2.4B*

TABLE B-2 (CONTINUED)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix C) for Method Detection Limits for referenced analytical methods.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE B-3 SUMMARY OF GROUNDWATER SAMPLES COLLECTED FROM THE EASTERN PLUME BETWEEN 8 OCTOBER AND 22 OCTOBER 2002

VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			MW-105A	MW-1104				MW-207AR	MW-224
			Deep Diffusion Sample	Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Mid-depth Diffusion Sample
Compound/Element	MEG (a)	MCL (b)							
Total VOC	NC	NC	ND	ND	0.2	ND	ND	41	ND
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	1J	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	18	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	16B	(<5U)	(<5U)	12	26	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	0.2J	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	18	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	6	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	16	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-225A				MW-225A (Dup)		MW-229A
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Deep Diffusion Sample	Mid-depth Diffusion Sample
Compound/Element	MEG (a)	MCL (b)							
Total VOC	NC	NC	42.8	29	42	22	36	45.9	39
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	17
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.9J	1
1,2-Dichloroethene, Total	70	70	22	12	21	11	18	21	4
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	0.8J	6	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	22	12	21	11	18	21	4
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	0.7JB	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	**5**	2	**5**	2	**4**	**6**	3
Trichloroethene	5	5	**15**	**9**	**16**	**9**	**14**	**18**	**14**
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-230A				MW-231A			
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample
Compound/Element	MEG (a)	MCL (b)								
Total VOC	NC	NC	3	2.1	ND	4	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	0.3J	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	3J	(<5U)	(<5U)	(<5U)	2J	(<5U)
Acetone	NC	NC	(<5U)	27B	27B	22B	(<5U)	26B	25B	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	0.1J	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	0.2J	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	0.3J	3B	1JB	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	0.9J	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	3	0.7J	(<1U)	4	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	1J	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-231B				MW-303			
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample
Compound/Element	MEG (a)	MCL (b)								
Total VOC	NC	NC	ND	ND	ND	ND	ND	0.2	ND	ND
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	6	9	4J
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	0.2J	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-305				MW-306
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Shallow Diffusion Sample
Compound/Element	MEG (a)	MCL (b)					
Total VOC	NC	NC	ND	ND	ND	ND	147.4
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	64
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	7
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	4
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	27
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	7	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	47	5	32	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	1
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	9
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	27
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	0.4J
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	35
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-308				MW-308 (Dup)	
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Mid-depth Diffusion Sample
Compound/Element	MEG (a)	MCL (b)						
Total VOC	NC	NC	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	44	47	48	(<5U)	34
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-309B				MW-311	MW-311 (Dup)
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Deep Diffusion Sample	Deep Diffusion Sample
Compound/Element	MEG (a)	MCL (b)						
Total VOC	NC	NC	ND	ND	ND	ND	84	89
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	32	33
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	3	3
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	6	8
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	2	2
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	36	36	38	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	2	2
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	**27**	**27**
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	**14**	**16**
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-313				MW-318			
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample
Compound/Element	MEG (a)	MCL (b)								
Total VOC	NC	NC	11	4.3	12.4	13	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	6	3	8	7	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	5	1	4	6	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	3J
Acetone	NC	NC	(<5U)	(<5U)	22B	(<5U)	(<5U)	(<5U)	(<5U)	37B
Benzene	5	5	(<1U)	0.3J	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	0.4J	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-319	MW-330				MW-331	MW-332
			Deep Diffusion Sample	Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Mid-depth Diffusion Sample	Mid-depth Diffusion Sample
Compound/Element	MEG (a)	MCL (b)							
Total VOC	NC	NC	50	ND	ND	ND	ND	1,802	2
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	**980D**	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	48	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	**49**	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	**350**	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	340D	0.8J
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	**40**	(<1U)	(<1U)	(<1U)	(<1U)	**12**	(<1U)
Trichloroethene	5	5	**10**	(<1U)	(<1U)	(<1U)	(<1U)	**360D**	2
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	**3**	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-333				MW-333 (Dup)
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Shallow Diffusion Sample
Compound/Element	MEG (a)	MCL (b)					
Total VOC	NC	NC	11	8	8	8	8
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	6	4	4	4	4
1,1-Dichloroethene	7	7	5	4	4	4	4
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			MW-334				MW-334 (Dup)		MW-NASB-212	P-106	P-111
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample	Low-flow sample	Deep Diffusion Sample	Shallow Diffusion Sample	Low-flow sample	Low-flow sample
Compound/Element	MEG (a)	MCL (b)									
Total VOC	NC	NC	ND	ND	0.6	0.6	ND	0.6	11	806	0.6
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	430	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	0.6J	0.6J	(<1U)	0.6J	(<1U)	41	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	130	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	1J	26	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	3J	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	34B	17B	22B	(<5U)	23B	31	(<5U)	(<5U)
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	1	26	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	3B	4B	(<2U)	4B	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	9	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	10	170	0.6J
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)	(<3U)

TABLE B-3 (CONTINUED)

			P-132			
			Low-flow sample	Shallow Diffusion Sample	Mid-depth Diffusion Sample	Deep Diffusion Sample
Compound/Element	MEG (a)	MCL (b)				
Total VOC	NC	NC	ND	ND	ND	ND
1,1,1-Trichloroethane	200	200	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	70	NC	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethene	7	7	(<1U)	(<1U)	(<1U)	(<1U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	27	75	(<1U)	(<1U)	(<1U)	(<1U)
2-Butanone	NC	NC	(<5U)	(<5U)	(<5U)	(<5U)
Acetone	NC	NC	(<5U)	37	45	33
Benzene	5	5	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)
Chloroform	NC	100	(<1U)	(<1U)	(<1U)	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)
Ethylbenzene	700	700	(<1U)	(<1U)	(<1U)	(<1U)
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)
Methylene Chloride	NC	5	(<2U)	(<2U)	(<2U)	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)
Tetrachloroethene	3	5	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	5	(<1U)	(<1U)	(<1U)	(<1U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<3U)	(<3U)	(<3U)	(<3U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE B-4 SUMMARY OF GROUNDWATER SAMPLES COLLECTED FROM THE GWETS BETWEEN 14 OCTOBER AND 16 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			Eastern Plume Combined Effluent	Eastern Plume Raw Influent	EW-01	EW-02A	EW-04	EW-05A
			Grab Sample	Grab Sample	Low-flow sample	Low-flow sample	Low-flow sample	Low-flow sample
Compound/Element	MEG (a)	MCL (b)						
Total VOC	NC	NC	ND	343	62	367	380	68
1,1,1-Trichloroethane	200	200	(<1U)	190	15	200	190D	32
1,1-Dichloroethane	70	NC	(<1U)	10	2	10	14	5
1,1-Dichloroethene	7	7	(<1U)	**19**	3	**27**	**22**	6
1,2-Dichloroethene, Total	70	70	(<2U)	35	11	32	56	4
Chloroform	NC	100	(<1U)	2	(<1U)	(<1U)	3	(<1U)
cis-1,2-Dichloroethene	NC	NC	(<1U)	35	11	32	56	4
Tetrachloroethene	3	5	(<1U)	**4**	**4**	**10**	3	(<1U)
Trichloroethene	5	5	(<1U)	**83**	**27**	**88**	**92**	**21**

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
GWETS = Ground-water Extraction and Treatment System.
NC = Criteria not applicable.
Units are micrograms per liter (µg/L).
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
D = Concentration from a secondary dilution.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE B-5 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 17 OCTOBER AND 21 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SW-04	SW-04 (Dup)	SW-07	SW-08	SW-09
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	SWQC (a)	NWQC (b)					
Total VOC	NC	NC	ND	ND	ND	0.2	1.8
1,1-Dichloroethane	NC	NC	(<1U)	(<1U)	(<1U)	0.2J	(<1U)
Ethylbenzene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	0.3J
M-,P-Xylene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	1JB
Methylene Chloride	NC	NC	(<2U)	(<2U)	(<2U)	0.6JB	(<2U)
O-Xylene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	0.2J
Toluene	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	0.5J
Xylenes, Total	NC	NC	(<3U)	(<3U)	(<3U)	(<3U)	1JB

(a) SWQC Maine Statewide Water Quality Criteria compared to Criteria Maximum Concentration (CMC). If not CMC value, then it is compared to Criteria Continuous Concentration (CCC).
(b) NWQC National Recommended Water Quality Criteria Correction, EPA Office of Water, EPA 822-799-001, April 1999.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
J = Estimated concentration.
B = Compound detected in associated method blank.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-6 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 17 OCTOBER AND 21 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			SW-04	SW-04 (Dup)	SW-07	SW-08	SW-09	SW-15	SW-16
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	SWQC (a)	NWQC (b)							
Aluminum	750	750	259B*	270B*	255B*	173B*	180B*	83.4B*	88.2B*
Barium	NC	NC	22.8	23.6	24.2	22.9	22.8	26.2	29.2
Beryllium	NC	NC	(<0.37U)	(<0.37U)	(<0.37U)	(<0.37U)	0.44B*	(<0.37U)	0.44B*
Calcium	NC	NC	6,840	6,980	7,340	9,300	9,460	10,400	11,200
Chromium	464	570	(<0.55U)	(<0.55U)	(<0.55U)	(<6.18U)	(<6.18U)	(<6.18U)	6.3B*
Cobalt	NC	NC	(<5.13U)	(<5.13U)	(<5.13U)	(<5.13U)	(<5.13U)	(<5.13U)	5.7B*
Copper	NC	NC	3.8B*	(<3.37U)	(<3.37U)	3.4B*	(<3.37U)	(<3.37U)	3.4B*
Iron	1,000	1,000	1,130	1,090	1,130	1,330	1,240	1,120	1,020
Lead	NC	NC	1.6B*	1.4B*	1.5B*	(<1.26U)	(<1.26U)	(<1.26U)	(<1.26U)
Magnesium	NC	NC	1,530	1,540	1,650	1,940	1,960	2,200	2,420
Manganese	NC	NC	185	183	199	318	315	446	290
Mercury	1.7	1.4	(<0.01U)	0.06B*	0.08B*	0.11B*	0.07B*	0.1B*	0.1B*
Potassium	NC	NC	2,380	2,420	2,260	2,650	2,620	2,600	2,930
Sodium	NC	NC	10,600	11,100	11,600	11,600	11,700	15,600	15,700
Thallium	1,400	NC	0.16B*	(<0.1U)	0.1B*	0.26B*	(<0.1U)	0.15B*	0.16B*
Zinc	29.9	120	10.7B*	9.2B*	14.3B*	12.7B*	8.1B*	7B*	8.3B*

(a) SWQC Maine Statewide Water Quality Criteria compared to Criteria Maximum Concentration (CMC). If not CMC value, then it is compared to Criteria Continuous Concentration (CCC).
(b) NWQC National Recommended Water Quality Criteria Correction, EPA Office of Water, EPA 822-799-001, April 1999.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.

TABLE B-7 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM THE EASTERN PLUME ON 21 AND 22 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SW-10	SW-11	SW-12	SW-13	SW-13 (Dup)	SW-14
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	SWQC (a)	NWQC (b)						
Total VOC	NC	NC	0.2	ND	ND	ND	ND	ND
1,1-Dichloroethane	NC	NC	0.2J	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)

(a) SWQC Maine Statewide Water Quality Criteria compared to Criteria Maximum Concentration (CMC). If not CMC value, then it is compared to Criteria Continuous Concentration (CCC).
(b) NWQC National Recommended Water Quality Criteria Correction, EPA Office of Water, EPA 822-799-001, April 1999.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-8 SUMMARY OF LEACHATE STATION SEEP SAMPLES COLLECTED FROM SITES 1 & 3 ON 18 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SEEP-01	SEEP-03	SEEP-04	SEEP-05	SEEP-09	SEEP-09 (Dup)
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)						
Total VOC	NC	NC	3	5.2	23.7	7.7	1.4	5
1,1,2,2-Tetrachloroethane	NC	NC	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
1,1-Dichloroethane	NC	NC	(<1U)	2	6	(<1U)	0.9J	1
1,2-Dichlorobenzene	NC	NC	(<1U)	(<1U)	0.8JB	0.3JB	2B	2
1,2-Dichloroethene, Total	NC	NC	(<2U)	(<2U)	6	(<2U)	(<2U)	(<2U)
1,4-Dichlorobenzene	NC	NC	(<1U)	0.3JB	1B	2B	2B	1
Chlorobenzene	NC	NC	(<1U)	(<1U)	1	(<1U)	(<1U)	(<1U)
Chloroethane	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	1J
cis-1,2-Dichloroethene	NC	NC	(<1U)	(<1U)	6	(<1U)	(<1U)	(<1U)
Ethylbenzene	NC	NC	0.3J	0.4J	0.7J	0.7J	0.1JB	(<1U)
M-,P-Xylene	NC	NC	1JB	2JB	2B	3B	0.5JB	(<2U)
O-Xylene	NC	NC	0.5J	0.5J	0.7J	1	(<1U)	(<1U)
Toluene	NC	NC	0.7J	0.8J	1	1	(<1U)	(<1U)
Trichloroethene	NC	NC	(<1U)	(<1U)	2	(<1U)	(<1U)	(<1U)
Vinyl Chloride	NC	NC	(<2U)	(<2U)	3	(<2U)	(<2U)	(<2U)
Xylenes, Total	NC	NC	2JB	2JB	3B	4B	0.5JB	(<3U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
B = Compound detected in associated method blank.
J = Estimated concentration.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-9 SUMMARY OF LEACHATE STATION SEEP SAMPLES COLLECTED FROM SITES 1 & 3 ON 18 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			SEEP-01	SEEP-03	SEEP-04	SEEP-05	SEEP-09	SEEP-09 (Dup)
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)						
Aluminum	NC	NC	18,400	1,300B*	1,150B*	7,850	12,000	18,300
Antimony	NC	NC	(<21.3U)	(<6.39U)	(<10.65U)	(<21.3U)	(<10.65U)	(<21.3U)
Arsenic	NC	NC	58.7B*	13.4B*	143	7,560	741	1,110
Barium	NC	NC	1,660	443	468	500	224	431
Beryllium	NC	NC	9.5B*	2.2B*	2.2B*	2.7B*	(<1.85U)	2.5B*
Cadmium	NC	NC	28B*	(<12.45U)	17.3B*	(<24.9U)	(<12.45U)	(<24.9U)
Calcium	NC	NC	280,000	118,000	158,000	119,000	39,200	53,300
Chromium	NC	NC	(<61.8U)	(<30.9U)	(<30.9U)	119B*	(<30.9U)	(<61.8U)
Cobalt	NC	NC	1,040	49.9B*	32B*	(<51.3U)	114B*	188B*
Copper	NC	NC	53.3B*	(<16.85U)	(<16.85U)	(<33.7U)	27.1B*	(<33.7U)
Iron	NC	NC	1,460,000	681,000	1,030,000	1,820,000	1,060,000	1,630,000
Lead	NC	NC	116	(<3.78U)	(<6.3U)	25.8B*	35.9	56.6
Magnesium	NC	NC	17,800	13,000	24,700	31,000	8,240	10,900
Manganese	NC	NC	68,000	31,700	4,210	13,000	4,270	7,700
Mercury	NC	NC	2.5	0.15B*	0.36	0.13B*	0.13B*	0.16B*
Nickel	NC	NC	485	61.1B*	(<53.25U)	(<106.5U)	(<53.25U)	(<106.5U)
Potassium	NC	NC	18,000	6,880	17,700	9,310	10,700	11,400
Selenium	NC	NC	29.9B*	12.6B*	15.6B*	38.4B*	17.4B*	37.3B*
Sodium	NC	NC	18,000	21,900	38,200	26,900	16,700	17,400
Thallium	NC	NC	3B*	0.21B*	0.28B*	0.73B*	1.9B*	3.2B*
Vanadium	NC	NC	123B*	(<22.5U)	(<22.5U)	(<45U)	56.8B*	45.3B*
Zinc	NC	NC	475	37.7B*	27.7B*	106B*	160	254

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix C) for Method Detection Limits for referenced analytical methods.

TABLE B-10 SUMMARY OF LEACHATE STATION SEEP SAMPLES COLLECTED FROM THE EASTERN PLUME ON 22 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SEEP-11	SEEP-11 (Dup)
			Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)		
Total VOC	NC	NC	31.9	31.8
1,1,1-Trichloroethane	NC	NC	11	12
1,1-Dichloroethene	NC	NC	0.9J	0.8J
1,2-Dichloroethene, Total	NC	NC	6	6
cis-1,2-Dichloroethene	NC	NC	6	6
Methylene Chloride	NC	NC	0.5JB	(<2U)
Tetrachloroethene	NC	NC	4	4
Trichloroethene	NC	NC	10	9

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
B = Compound detected in associated method blank.
J = Estimated concentration.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-11 SUMMARY OF LEACHATE STATION SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 ON 18 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			LT-01	LT-03	LT-04	LT-05	LT-09	LT-09 (Dup)
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)						
Total VOC	NC	NC	20	9	278	400	490	304
1,1-Dichloroethane	NC	NC	(<40U)	(<12U)	27	(<25U)	(<68U)	(<27U)
1,2-Dichlorobenzene	NC	NC	(<40U)	(<12U)	12J	17J	200	150
1,2-Dichloroethene, Total	NC	NC	(<81U)	(<24U)	29J	(<50U)	(<140U)	(<54U)
1,4-Dichlorobenzene	NC	NC	(<40U)	(<12U)	24J	93	130	100
2-Butanone	NC	NC	150J	30J	48J	(<100U)	120J	(<110U)
Acetone	NC	NC	880	700	1,200	480	930	390
Bromomethane	NC	NC	(<81U)	9J	(<51U)	(<50U)	(<140U)	(<54U)
Carbon Disulfide	NC	NC	20J	(<12U)	150	290	160	54
Chlorobenzene	NC	NC	(<40U)	(<12U)	10J	(<25U)	(<68U)	(<27U)
cis-1,2-Dichloroethene	NC	NC	(<40U)	(<12U)	29	(<25U)	(<68U)	(<27U)
Methylene Chloride	NC	NC	50	(<12U)	30	(<25U)	(<68U)	(<27U)
Trichloroethene	NC	NC	(<40U)	(<12U)	12J	(<25U)	(<68U)	(<27U)
Vinyl Chloride	NC	NC	(<81U)	(<24U)	14J	(<50U)	(<140U)	(<54U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per kilogram (mg/Kg).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
B = Compound detected in associated method blank.
J = Estimated concentration.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix C) for Method Detection Limits for referenced analytical methods.

TABLE B-12 SUMMARY OF LEACHATE STATION SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 ON 18 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			LT-01	LT-03	LT-04	LT-05	LT-09	LT-09 (Dup)
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)						
Aluminum	NC	NC	4,400	4,620	658B*	1,940	8,150	3,880
Arsenic	NC	NC	6.9	6.4	55.9	2,010	310	225
Barium	NC	NC	69.4	460	355	54.3	66.8	60.1
Beryllium	NC	NC	1.2B*	0.38B*	0.38B*	0.4B*	0.88B*	0.56B*
Cadmium	NC	NC	1.4B*	(<0.1U)	(<6.99U)	(<7.48U)	(<0.63U)	(<0.5U)
Calcium	NC	NC	15,300	4,840	8,020	5,520	4,360	4,040
Chromium	NC	NC	9.4	19.8	4.6B*	(<1.65U)	16.4B*	8.6B*
Cobalt	NC	NC	64.2	21.5	(<14.41U)	(<15.41U)	79	55.1B*
Copper	NC	NC	14.2	5.8B*	(<9.47U)	(<10.12U)	8.1B*	4.5B*
Iron	NC	NC	55,200	96,400	397,000	396,000	409,000	344,000
Lead	NC	NC	43.2	7.9	4.4B*	(<3.78U)	25.4	15.4
Magnesium	NC	NC	1,030	2,310	806	1,230	2,190	1,220
Manganese	NC	NC	778	30,200	1,100	1,900	1,040	726
Mercury	NC	NC	1.6	0.04B*	0.38	0.07B*	0.11B*	0.11B*
Nickel	NC	NC	60	15.7B*	(<29.91U)	(<31.99U)	20.7B*	14.2B*
Potassium	NC	NC	547	1,080	249B*	480	1,250	754
Selenium	NC	NC	4B*	(<4.88U)	10.3B*	12.3B*	6.8B*	6.2B*
Silver	NC	NC	(<2.46U)	3B*	(<13.37U)	(<14.3U)	(<2.59U)	(<2.04U)
Sodium	NC	NC	264B*	110B*	207B*	162B*	230B*	181B*
Thallium	NC	NC	0.34B*	0.23B*	0.23B*	0.31B*	0.41B*	0.62B*
Vanadium	NC	NC	26.8	15	(<12.64U)	(<13.52U)	23.2B*	11.5B*
Zinc	NC	NC	92.4	31.3	14.3B*	15.1B*	74.1	53.3

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per kilogram (mg/Kg).
NC = Criteria not applicable.
(Dup) = Duplicate sample.
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix C) for Method Detection Limits for referenced analytical methods.

TABLE B-13 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 17 OCTOBER AND 21 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			SED-09	SED-09 (Dup)	SED-15	SED-16	SED-17	SED-18	SED-19
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)							
Aluminum	NC	NC	5,400	4,460	2,800	4,070	4,510	1,180	5,260
Arsenic	NC	NC	7.5	6.9	1.9	2.6	2.3	27.8	3.6
Barium	NC	NC	47.1	30.8	19.7	26.8	27.4	120	27.2
Beryllium	NC	NC	0.42B*	0.38B*	0.26B*	0.3B*	0.26B*	0.36B*	0.32B*
Cadmium	NC	NC	0.46B*	(<0.36U)	(<0.24U)	(<0.29U)	(<0.25U)	(<6.75U)	(<0.28U)
Calcium	NC	NC	1,250	920	1,010	761	721	2,580	1,270
Chromium	NC	NC	11.1	8.5	5.2	7.3	7.9	3.2B*	9.5
Cobalt	NC	NC	6.4	5.1	2.8	4.3	4	(<13.92U)	4.4
Copper	NC	NC	6.6	7.2	3.1	4.6	4.8	(<9.14U)	7.1
Iron	NC	NC	18,600	15,000	6,920	8,110	8,960	444,000	11,600
Lead	NC	NC	10.8	8.6	2.7	4	3.3	(<3.42U)	6.7
Magnesium	NC	NC	2,010	1,690	1,130	1,660	1,900	394	2,020
Manganese	NC	NC	834	271	150	255	315	648	217
Mercury	NC	NC	0.03B*	0.03B*	(<0.01U)	0.02B*	(<0.01U)	(<0.01U)	(<0.01U)
Nickel	NC	NC	11	9.2	5.4	7.6	7.7	41.5B*	10
Potassium	NC	NC	847	664	474	834	938	(<261.51U)	936
Selenium	NC	NC	0.45B*	0.42B*	(<0.22U)	(<0.28U)	(<0.24U)	7.1B*	(<0.27U)
Silver	NC	NC	(<0.48U)	(<0.68U)	(<0.45U)	(<0.56U)	(<0.48U)	(<12.91U)	0.64B*
Sodium	NC	NC	74.9B*	56B*	44.3B*	56.7B*	73.5B*	140B*	77.3B*
Thallium	NC	NC	0.14B*	0.12B*	0.06B*	0.1B*	0.13B*	0.24B*	0.11B*
Vanadium	NC	NC	15.6	12.2	9	11	11.5	(<12.21U)	14.5
Zinc	NC	NC	48.2	56.4	16	26.1	26.5	17.4B*	32.2

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per kilogram (mg/Kg).
NC = Criteria not applicable.
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.

TABLE B-14 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM THE EASTERN PLUME ON 21 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			SW-11	SW-11 (Dup)
			Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)		
Aluminum	NC	NC	4,540	2,920
Arsenic	NC	NC	5.1	2.5
Barium	NC	NC	31.2	21.2
Beryllium	NC	NC	0.38B*	0.23B*
Calcium	NC	NC	616	519
Chromium	NC	NC	9.3	5.8
Cobalt	NC	NC	6.2	3B*
Copper	NC	NC	5.2	4.7B*
Iron	NC	NC	15,700	5,260
Lead	NC	NC	13.6	15.5
Magnesium	NC	NC	1,430	845
Manganese	NC	NC	916	94.4
Mercury	NC	NC	0.02B*	0.07B*
Nickel	NC	NC	8.9	7B*
Potassium	NC	NC	440	378
Selenium	NC	NC	0.56B*	(<0.54U)
Sodium	NC	NC	59.4B*	40.1B*
Thallium	NC	NC	0.09B*	0.15B*
Vanadium	NC	NC	13.3	9.5
Zinc	NC	NC	35.9	23

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/Kg).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Trip Blank or Method Blank.
U = Not detected. Sample quantitation limits are shown as (<___U).
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
Only those analytes detected in at least one of the samples are shown on this table.

TABLE B-15 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 17 OCTOBER AND 21 OCTOBER 2002
PESTICIDES BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8081A

			SED-09	SED-09 (Dup)	SED-15	SED-16	SED-17	SED-18	SED-19
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)							
4,4'-DDD	NC	NC	8.9	8.6	0.9J	1.6J	(<4.5U)	(<24U)	6.3
4,4'-DDE	NC	NC	2.8J	3.8J	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	2.7J
4,4'-DDT	NC	NC	5.4	2.6J	(<4.5U)	1.2J	(<4.5U)	(<24U)	2.1J
Aldrin	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
alpha-BHC	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
alpha-Chlordane	NC	NC	1.4J	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
beta-BHC	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
delta-BHC	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
Dieldrin	NC	NC	(<4.7U)	(<5.6U)	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	(<5U)
Endosulfan I	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
Endosulfan II	NC	NC	(<4.7U)	(<5.6U)	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	(<5U)
Endosulfan Sulfate	NC	NC	(<4.7U)	(<5.6U)	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	(<5U)
Endrin	NC	NC	(<4.7U)	(<5.6U)	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	(<5U)
Endrin Aldehyde	NC	NC	(<4.7U)	(<5.6U)	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	(<5U)
Endrin Ketone	NC	NC	1.7J	1.6J	(<4.5U)	(<4.8U)	(<4.5U)	(<24U)	(<5U)
gamma-BHC (Lindane)	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	1.2J
Gamma-chlordane	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
Heptachlor	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
Heptachlor Epoxide	NC	NC	(<2.4U)	(<2.9U)	(<2.3U)	(<2.5U)	(<2.3U)	(<12U)	(<2.6U)
Methoxychlor	NC	NC	(<24U)	(<29U)	(<23U)	1.8J	(<23U)	(<120U)	(<26U)
Toxaphene	NC	NC	(<47U)	(<56U)	(<45U)	(<48U)	(<45U)	(<240U)	(<50U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (mg/Kg).
NC = Criteria not applicable.
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-16 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM THE EASTERN PLUME ON 21 OCTOBER 2002
PESTICIDES BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8081A

			SW-11	SW-11 (Dup)
			Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)		
4,4'-DDD	NC	NC	4J	30
4,4'-DDE	NC	NC	7.5	14
4,4'-DDT	NC	NC	12	12
Aldrin	NC	NC	(<3.6U)	(<4.3U)
alpha-BHC	NC	NC	(<3.6U)	4.4
alpha-Chlordane	NC	NC	(<3.6U)	(<4.3U)
beta-BHC	NC	NC	(<3.6U)	(<4.3U)
delta-BHC	NC	NC	(<3.6U)	(<4.3U)
Dieldrin	NC	NC	(<6.9U)	(<8.3U)
Endosulfan I	NC	NC	(<3.6U)	(<4.3U)
Endosulfan II	NC	NC	(<6.9U)	(<8.3U)
Endosulfan Sulfate	NC	NC	1.9J	(<8.3U)
Endrin	NC	NC	(<6.9U)	(<8.3U)
Endrin Aldehyde	NC	NC	(<6.9U)	(<8.3U)
Endrin Ketone	NC	NC	(<6.9U)	(<8.3U)
gamma-BHC (Lindane)	NC	NC	(<3.6U)	(<4.3U)
Gamma-chlordane	NC	NC	(<3.6U)	(<4.3U)
Heptachlor	NC	NC	(<3.6U)	(<4.3U)
Heptachlor Epoxide	NC	NC	(<3.6U)	(<4.3U)
Methoxychlor	NC	NC	5.4J	(<43U)
Toxaphene	NC	NC	(<69U)	(<83U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/Kg).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Trip Blank or Method Blank.
U = Not detected. Sample quantitation limits are shown as (<___U).
J = Estimated concentration.
Only those analytes detected in at least one of the samples are shown on this table.

TABLE B-17 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM SITES 1 & 3 BETWEEN 17 OCTOBER AND 21 OCTOBER 2002
TOTAL ORGANIC CARBON BY METHOD LLOYD KAHN

			SED-09	SED-09 (Dup)	SED-15	SED-16	SED-17	SED-18	SED-19
			Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)							
TOC by Lloyd Kahn	NC	NC	27,000	5,700	3,300	6,700	2,200	74,000	6,300

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/Kg).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Trip Blank or Method Blank.
U = Not detected. Sample quantitation limits are shown as (<___U).
Only those analytes detected in at least one of the samples are shown on this table.

TABLE B-18 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM THE EASTERN PLUME ON 21 OCTOBER 2002
TOTAL ORGANIC CARBON BY METHOD LLOYD KAHN

			SW-11	SW-11 (Dup)
			Grab Sample	Grab Sample
Compound/Element	MEG (a)	MCL (b)		
TOC by Lloyd Kahn	NC	NC	48,000	54,000

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/Kg).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Trip Blank or Method Blank.
U = Not detected. Sample quantitation limits are shown as (<___U).
Only those analytes detected in at least one of the samples are shown on this table.

TABLE B-19 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM SITES 1 & 3 ON 17 AND 18 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			QD-002	QS-006	QS-007
			Source Water Blank	Rinsate Blank	Rinsate Blank
Compound/Element	MEG (a)	MCL (b)			
Total VOC	NC	NC	ND	1.9	ND
Acetone	NC	NC	(<5U)	(<5U)	14J
Ethylbenzene	NC	NC	(<1U)	0.4J	(<5U)
M-,P-Xylene	NC	NC	(<2U)	1JB	(<10U)
Methylene Chloride	NC	NC	1JB	(<2U)	(<5U)
O-Xylene	NC	NC	(<1U)	0.3J	(<5U)
Toluene	NC	NC	(<1U)	0.5J	(<5U)
Xylenes, Total	NC	NC	(<3U)	1JB	(<15U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Field Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-20 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM THE EASTERN PLUME BETWEEN 10 OCTOBER AND 16 OCTOBER 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			QT-01	QT-05
			Trip Blank	Trip Blank
Compound/Element	MEG (a)	MCL (b)		
Total VOC	NC	NC	ND	ND
1,2-Dichlorobenzene	NC	NC	2B	(<1U)

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
Total VOC calculation does not include common laboratory contaminants (Acetone, Methylene Chloride, or 2-Butanone) or VOCs detected in the Trip Blank or Method Blank.
ND = Not detected.
U = Not detected. Sample quantitation limits are shown as (<____U).
B = Compound detected in associated method blank.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.

TABLE B-21 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM SITES 1 & 3 ON 17 AND 18 OCTOBER 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			QD-002	QS-006	QS-007
			Source Water Blank	Rinsate Blank	Rinsate Blank
Compound/Element	MEG (a)	MCL (b)			
Aluminum	NC	NC	(<25.37U)	27.5B*	(<25.37U)
Beryllium	NC	NC	(<0.37U)	0.56B*	(<0.37U)
Calcium	NC	NC	(<20.55U)	20.8B*	(<20.55U)
Chromium	NC	NC	(<0.55U)	6.2B*	0.68B*
Iron	NC	NC	(<4.23U)	47.3B*	10.4B*
Manganese	NC	NC	(<0.14U)	3.4B*	(<0.93U)
Mercury	NC	NC	0.09B*	0.04B*	0.15B*
Potassium	NC	NC	(<482U)	625B*	(<482U)
Sodium	NC	NC	42.6B*	129B*	136B*
Thallium	NC	NC	0.32B*	0.12B*	0.44B*
Zinc	NC	NC	(<1.55U)	(<1.55U)	3.8B*

(a) MEG (Maximum Exposure Guideline) obtained from State of Maine Department of Human Services Maximum Exposure Guidelines, memorandum dated 23 October 1992. Dashes (---) indicate compound has no applicable MEG.
(b) MCL (Maximum Contaminant Level) obtained from 40 CFR Parts 141 and 142 (U.S. EPA 1998). Dashes (---) indicate compound has no applicable MCL.

NOTE:
Units are micrograms per liter (µg/L).
NC = Criteria not applicable.
B* = Analyte concentration is between the Instrument Detection Limit and the Contract Required Detection Limit.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the Final Long-Term Monitoring Plan (EA 2000a), are shown on this table.
Refer to Data Quality Review section (Appendix B) for Method Detection Limits for referenced analytical methods.

Appendix C

Graphical Summaries of Long-Term Monitoring Program Sites 1 and 3 and Eastern Plume 1995-2001

C.1 Inorganics and Volatile Organic Compound Groundwater Concentrations Above State Maximum Exposure Guidelines/Federal Maximum Contaminant Levels Sites 1 and 3

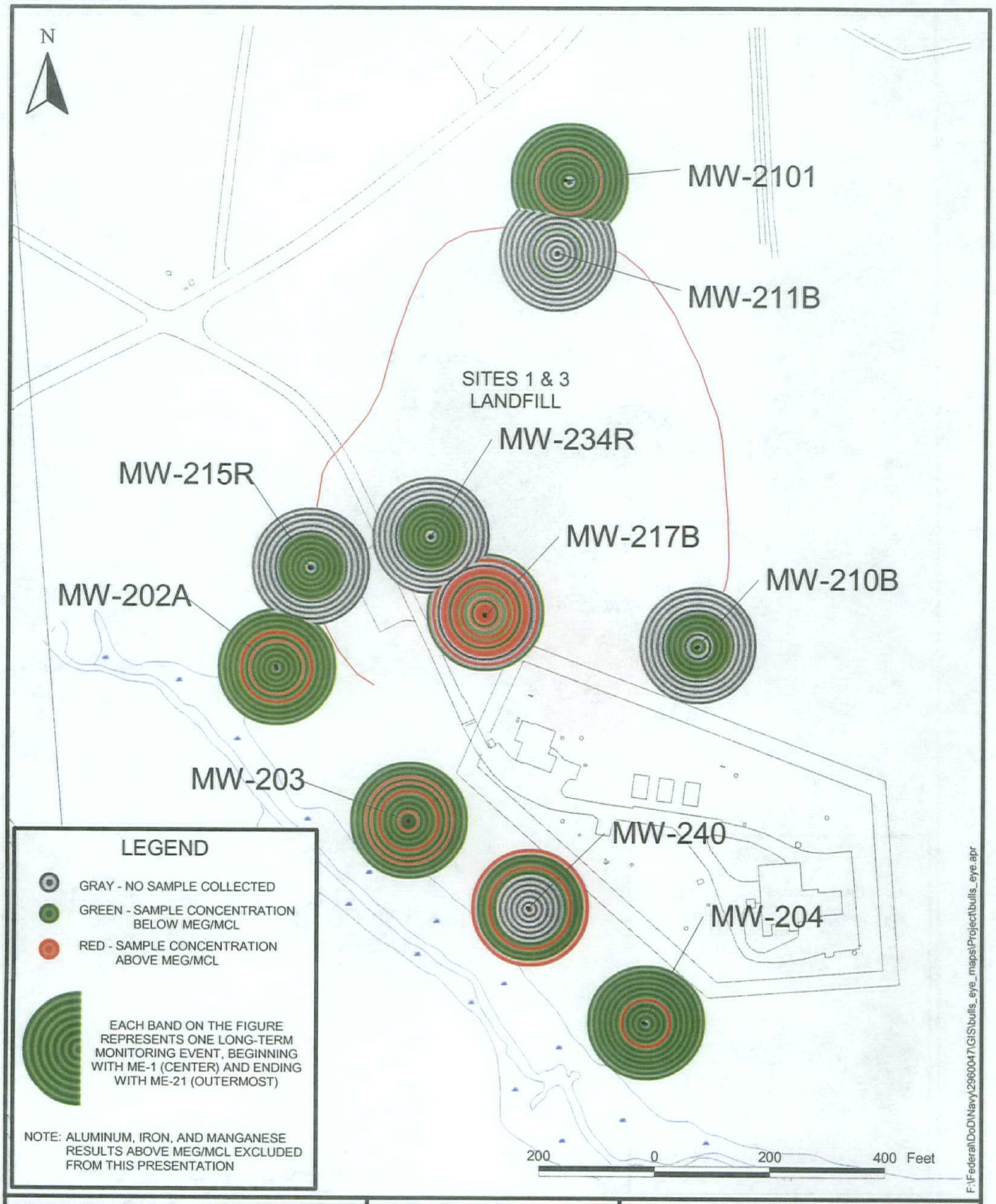
C.2 Volatile Organic Compound Groundwater Concentrations Above State Maximum Exposure Guidelines/Federal Maximum Contaminant Levels Eastern Plume

C.3 Long-Term Monitoring Trend Results Sites 1 and 3

C.4 Long-Term Monitoring Trend Results Eastern Plume

Appendix C.1

Inorganics and Volatile Organic Compound Groundwater Concentrations Above State Maximum Exposure Guidelines/ Federal Maximum Contaminant Levels Sites 1 and 3

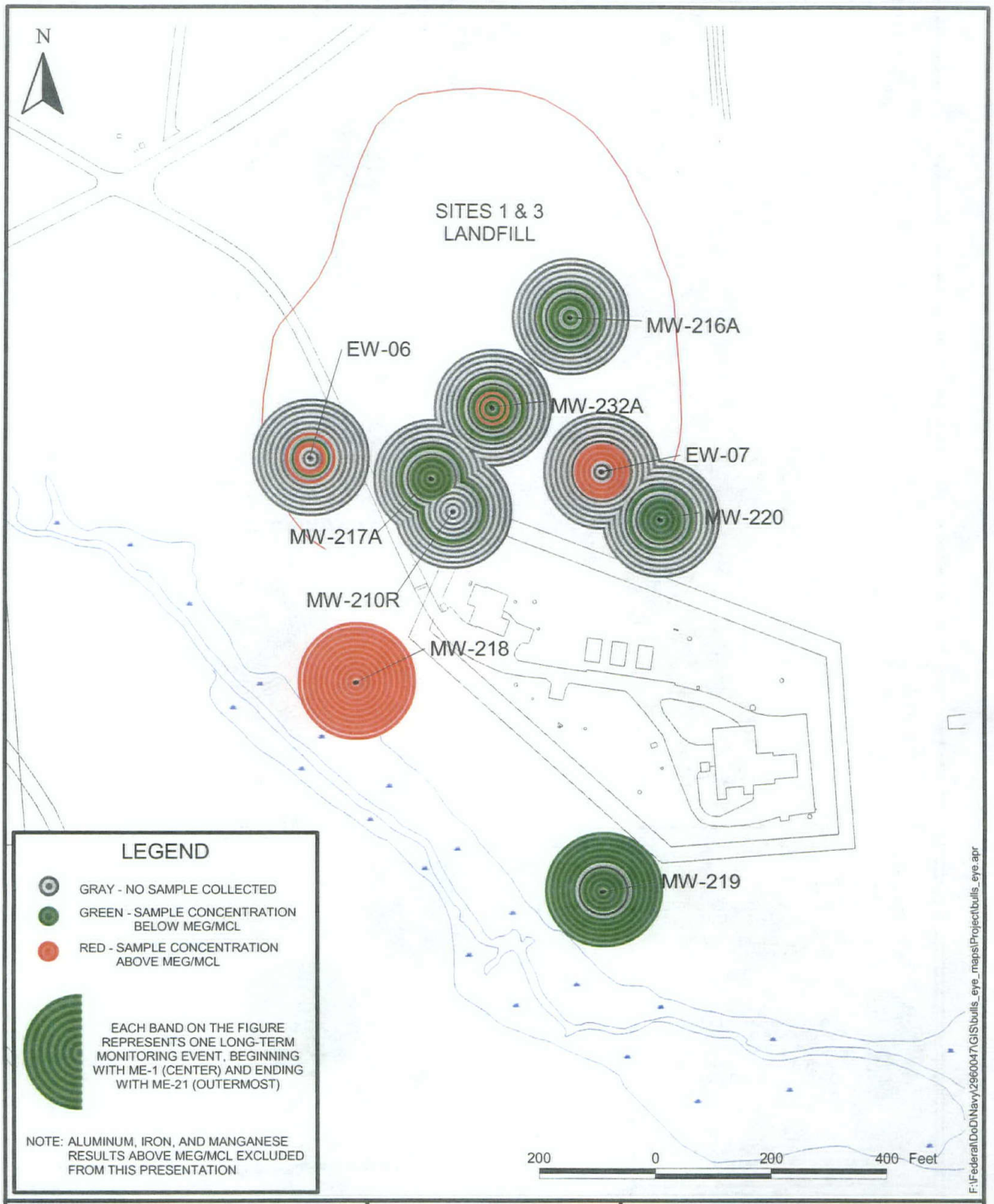


EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

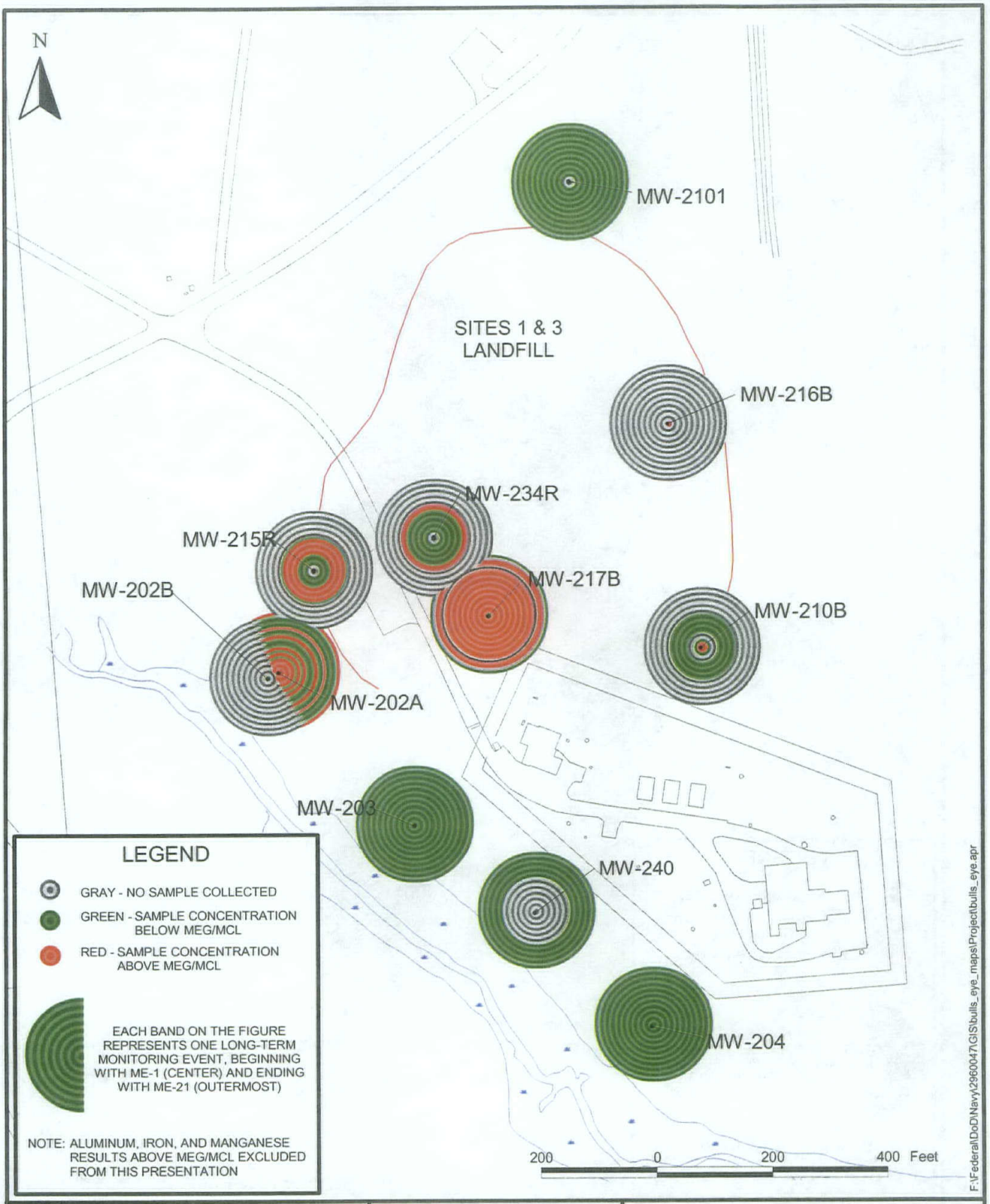
NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

METALS CONCENTRATIONS ABOVE MEG OR MCL IN SHALLOW WELLS, SITES 1 & 3

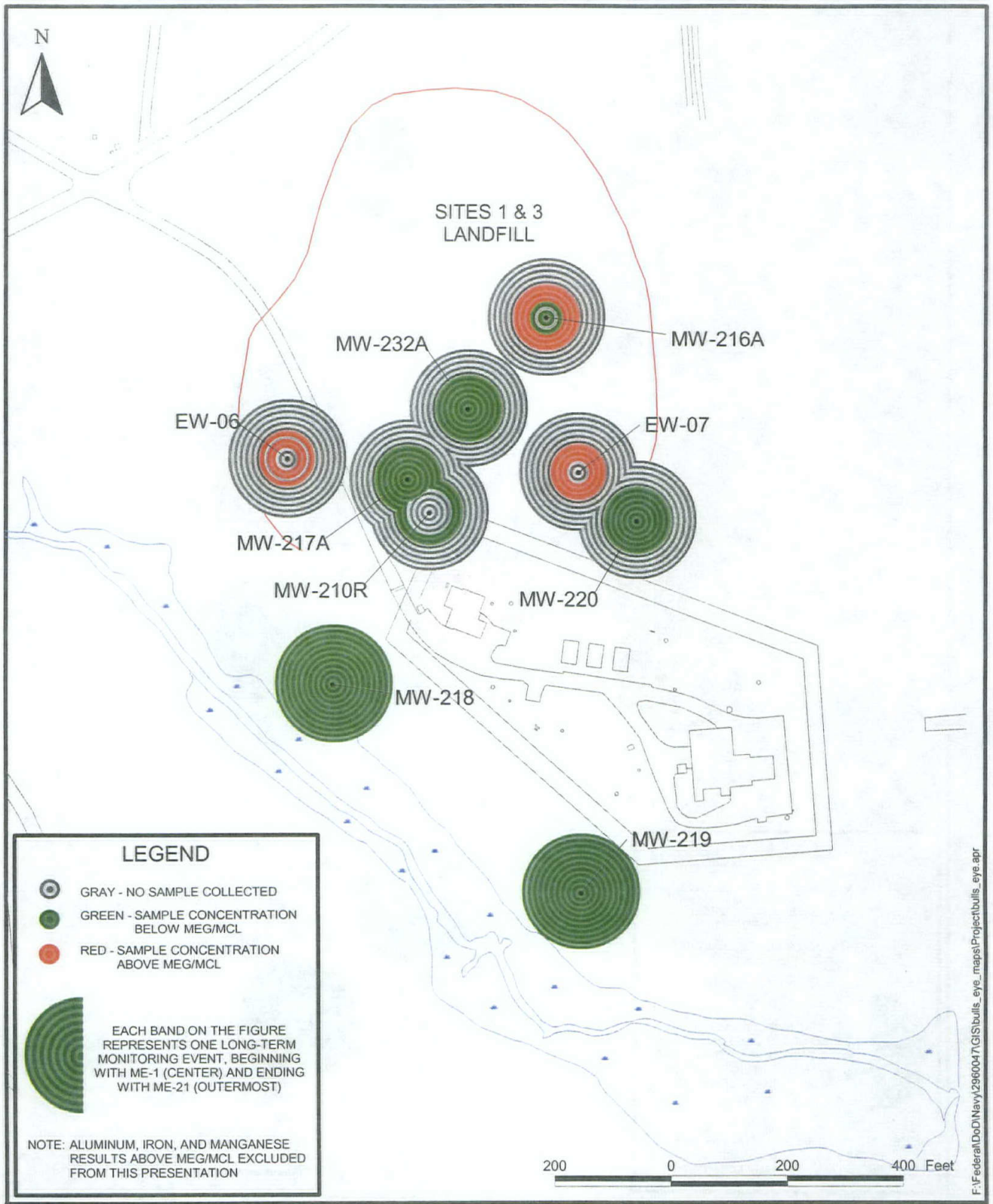
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO.	FIGURE
AE	BSM	BSM	AE/GMC	AS SHOWN	MAR 2003	29600.47	C-1



EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.	NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	METALS CONCENTRATIONS ABOVE MEG OR MCL IN DEEP WELLS, SITES 1 & 3					
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO.	FIGURE
AE	BSM	BSM	AE/GMC	AS SHOWN	MAR 2003	29600.47	C-2



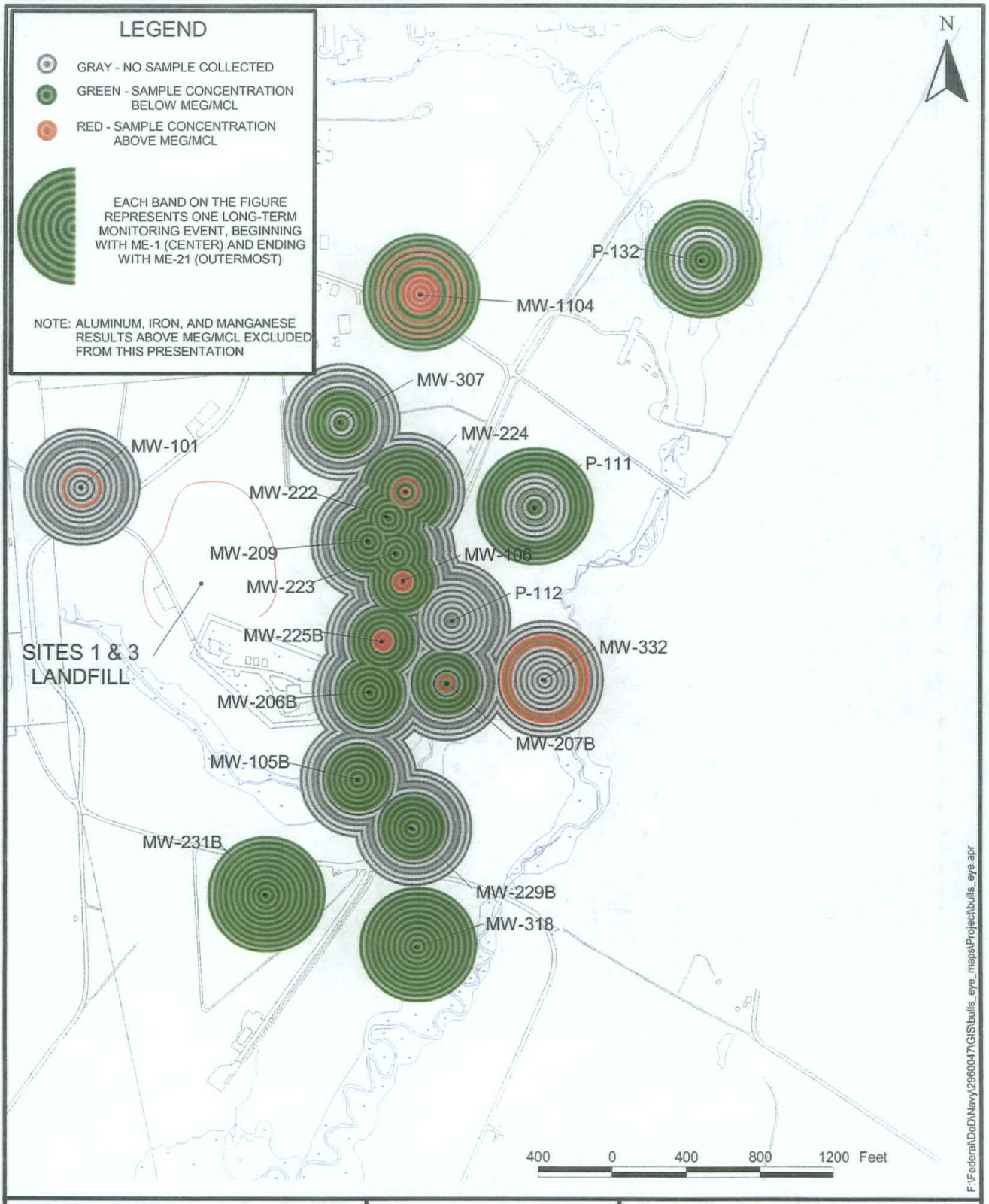
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.	NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	VOC CONCENTRATIONS ABOVE MEG OR MCL IN SHALLOW WELLS, SITES 1 & 3					
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO.	FIGURE
AE	BSM	BSM	AE/GMC	AS SHOWN	MAR 2003	29600.47	C-3



EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.	NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	VOC CONCENTRATIONS ABOVE MEG OR MCL IN DEEP WELLS, SITES 1 & 3					
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO.	FIGURE
AE	BSM	BSM	AE/GMC	AS SHOWN	MAR 2003	29600.47	C-4

Appendix C.2

Volatile Organic Compound Groundwater Concentrations Above State Maximum Exposure Guidelines/ Federal Maximum Contaminant Levels Eastern Plume

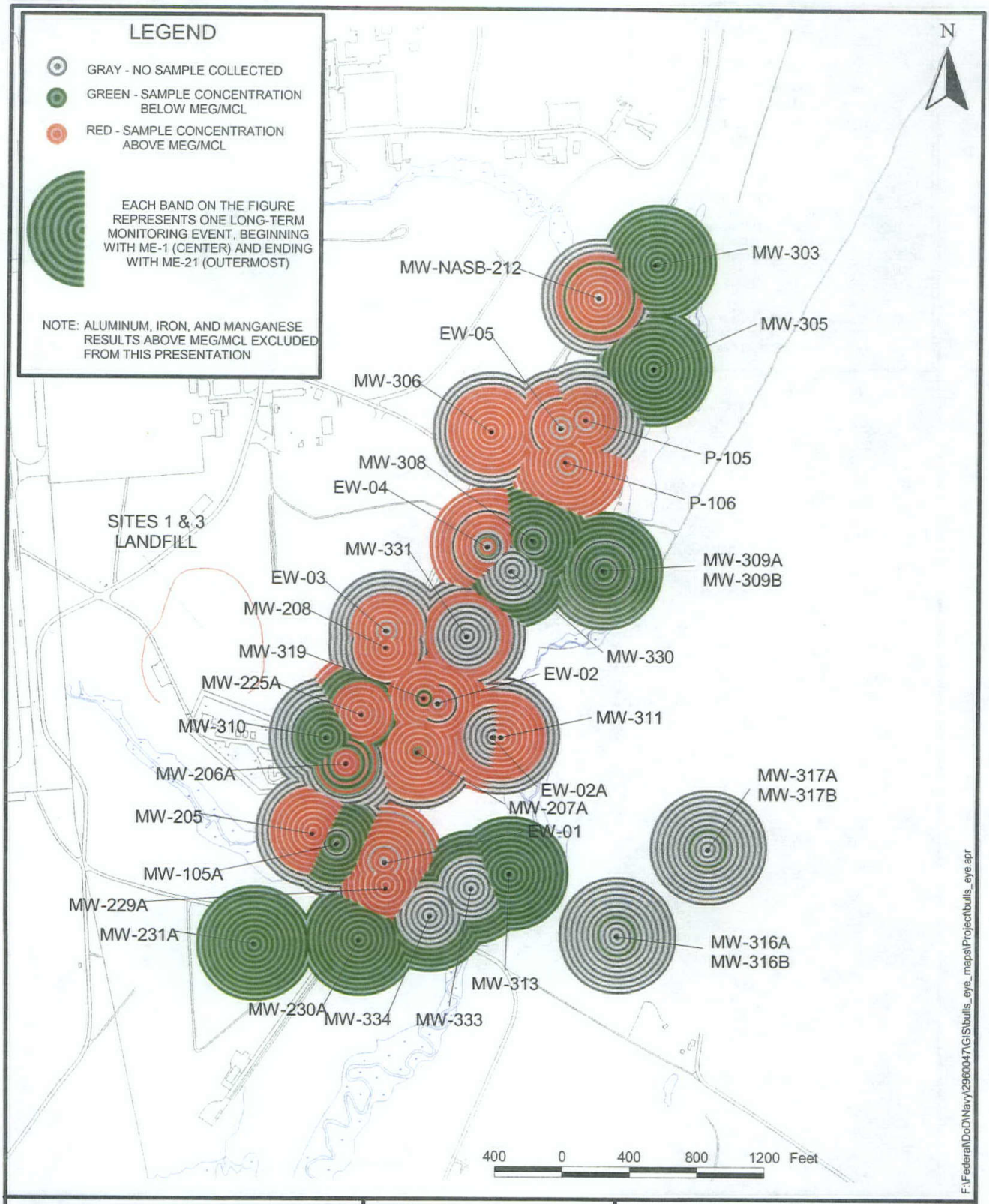


EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.

NAVAL AIR STATION BRUNSWICK
BRUNSWICK, MAINE

VOC CONCENTRATIONS ABOVE MEG OR MCL IN SHALLOW WELLS, EASTERN PLUME

PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO.	FIGURE
AE	BSM	BSM	AE/GMC	AS SHOWN	MAR 2003	29600.47	C-5



EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.	NAVAL AIR STATION BRUNSWICK BRUNSWICK, MAINE	VOC CONCENTRATIONS ABOVE MEG OR MCL IN DEEP WELLS, EASTERN PLUME					
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO.	FIGURE
AE	BSM	BSM	AE/GMC	AS SHOWN	MAR 2003	29600.47	C-6

Appendix C.3

Long-Term Monitoring Trend Results
Sites 1 and 3

- Extraction Well Data (EW)
- Leachate Sediment Data (LT)
- Groundwater Data (MW)
- Stream Sediment Data (SED)
- Leachate Seep Data (SEEP)
- Extraction System Influent – Sites 1 and 3
- Surface Water (SW)

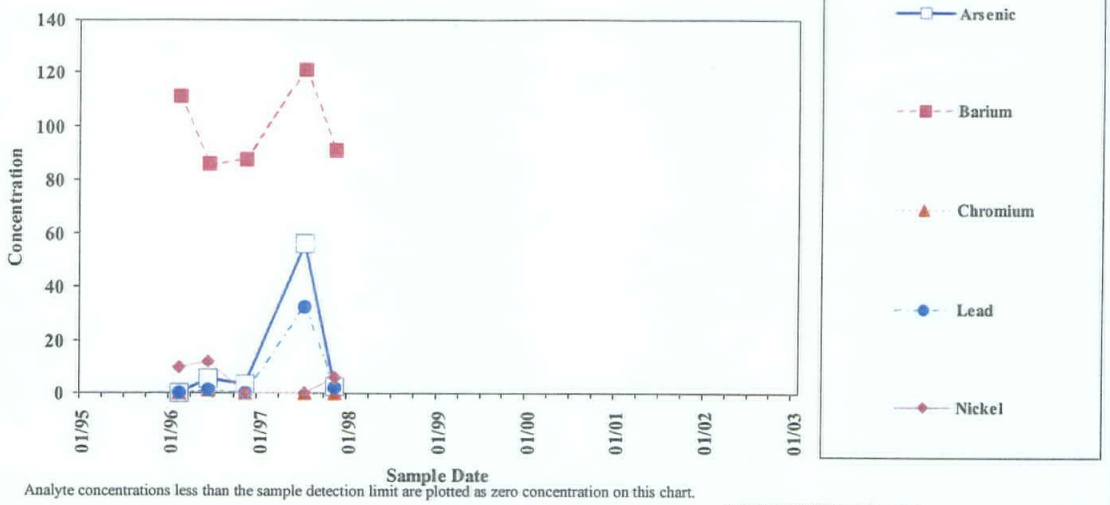
Sample Location:

EW-06

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

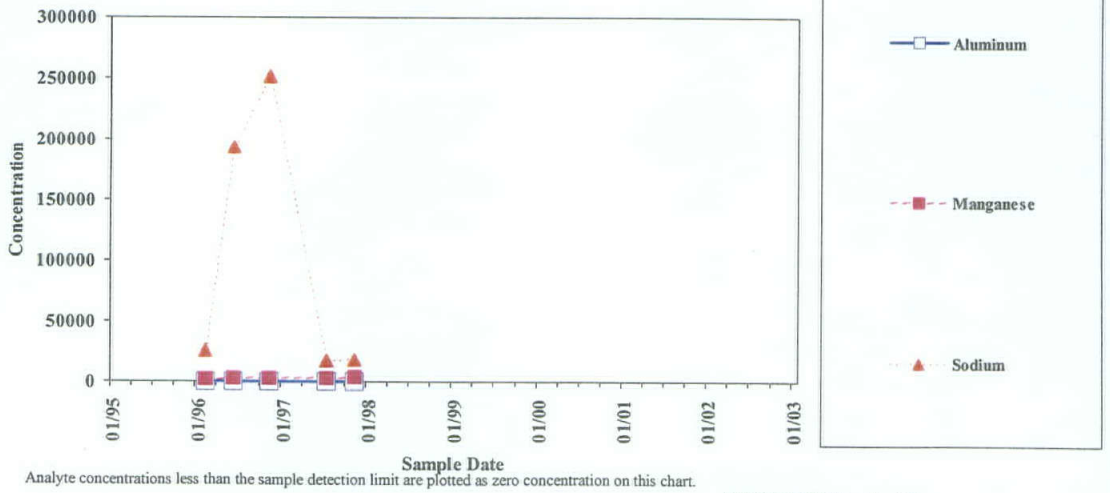
Sample Location:

EW-06

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

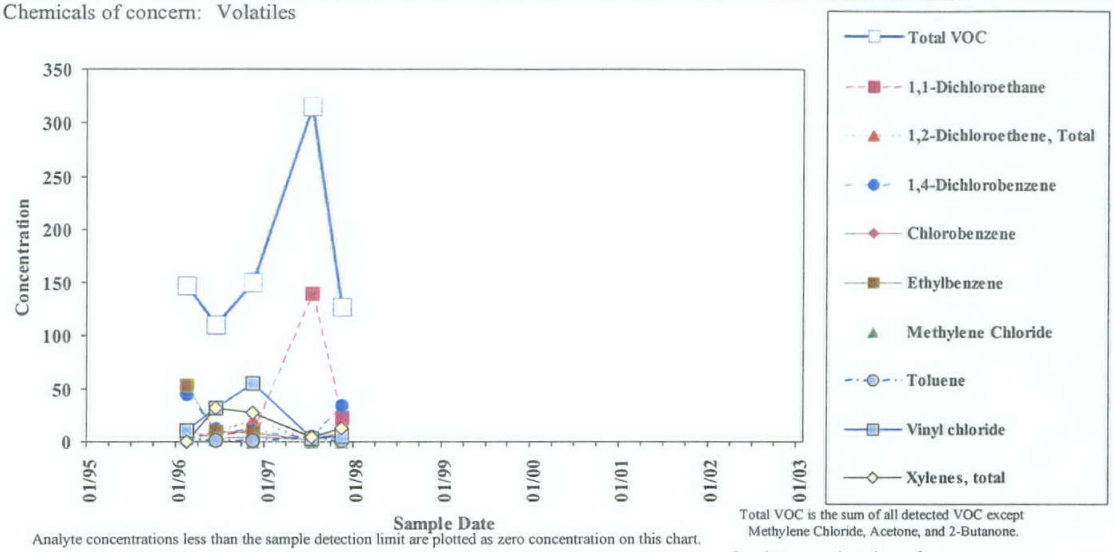
Sample Location:

EW-06

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

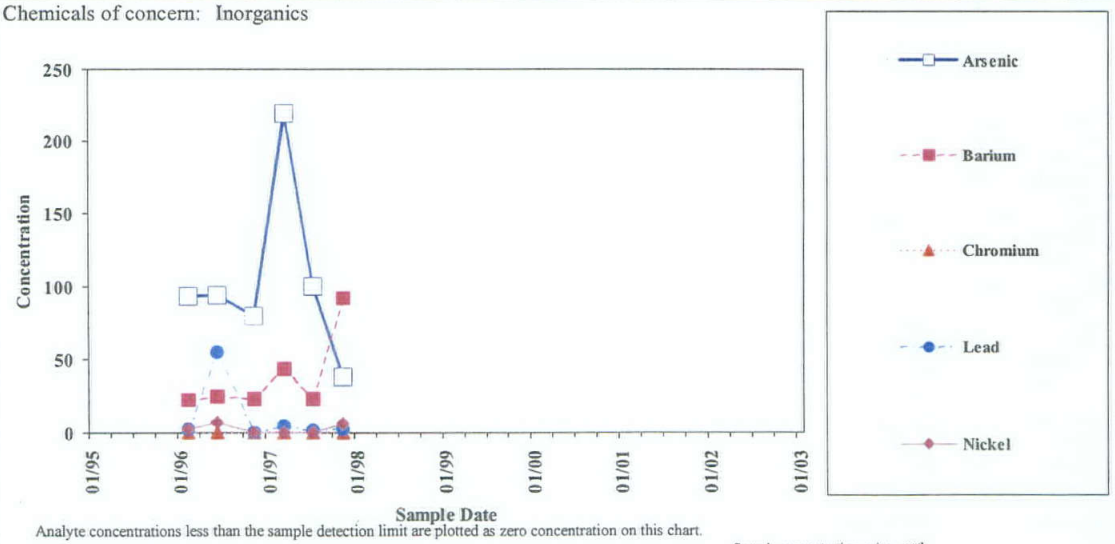
Sample Location:

EW-07

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

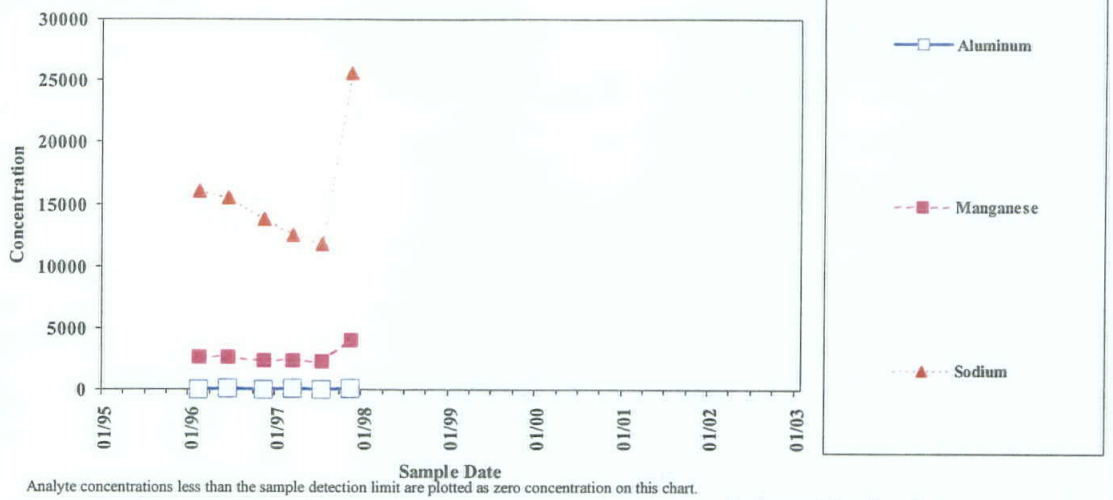
Sample Location:

EW-07

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

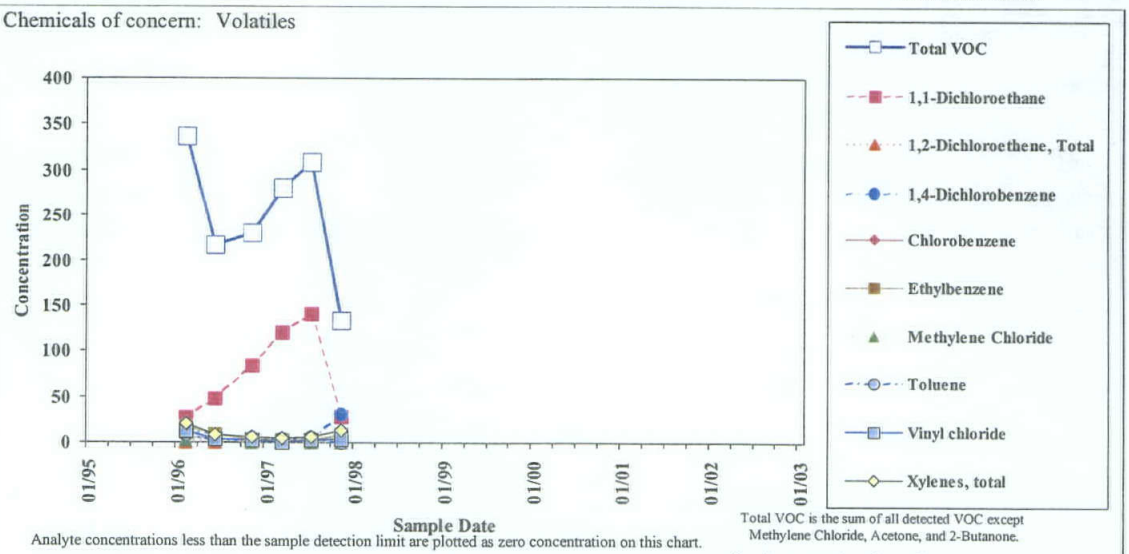
Sample Location:

EW-07

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

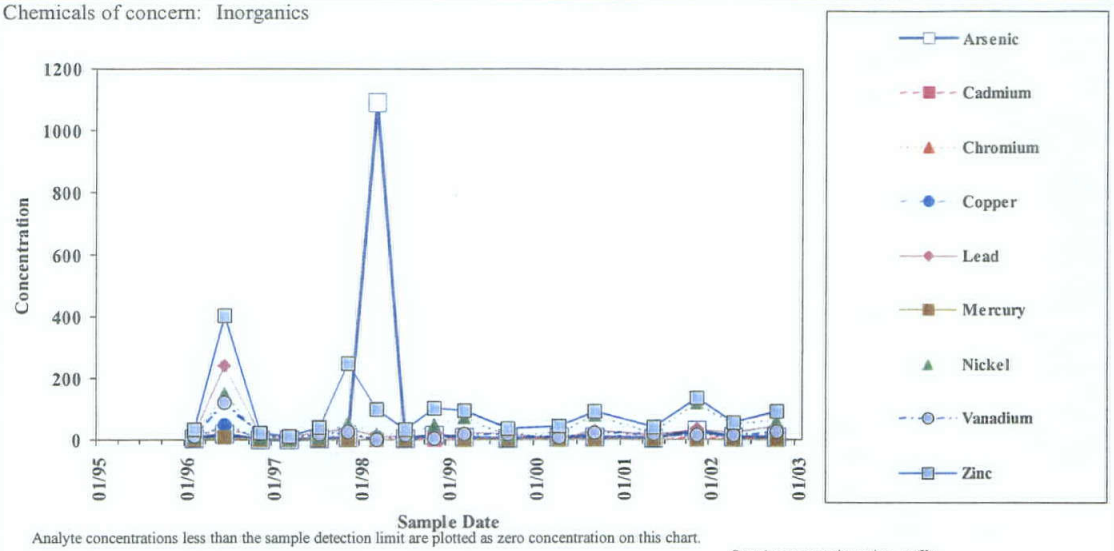
1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2
Xylenes, total															
MEG:	600														
MCL:	10000														

Sample Location:

LT-01

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

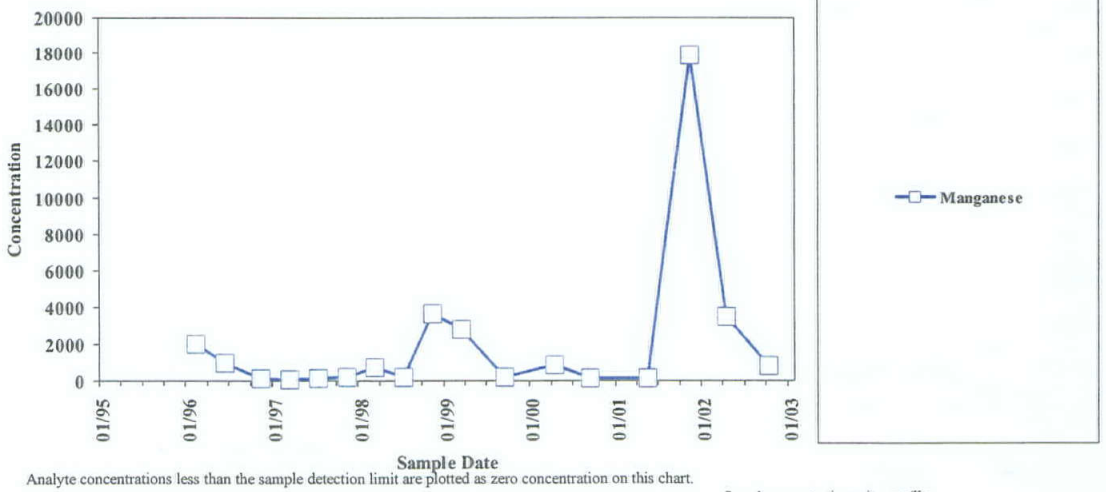
Sample concentration units: mg/Kg

Sample Location:

LT-01

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

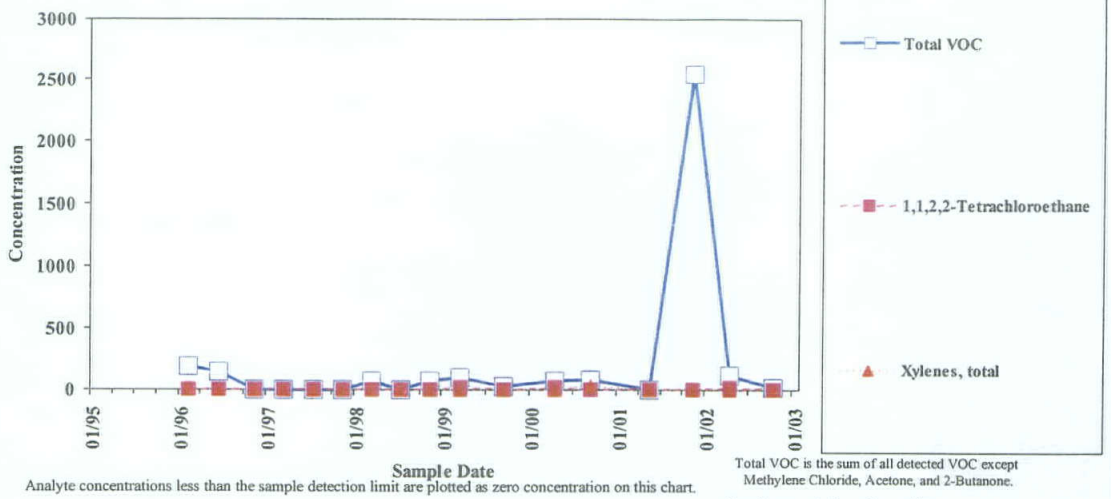
Sample concentration units: mg/Kg

Sample Location:

LT-01

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

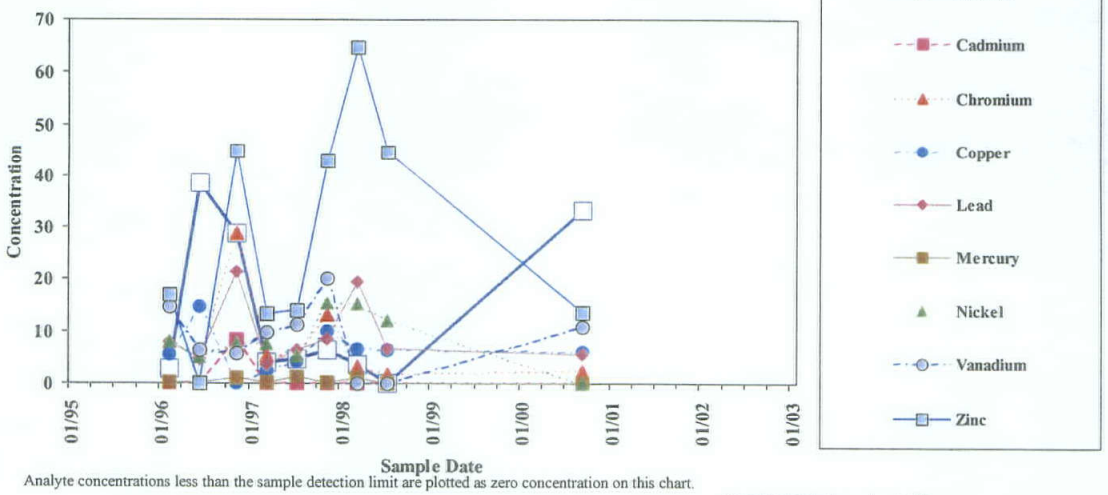
Sample concentration units: µg/Kg

Sample Location:

LT-02

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

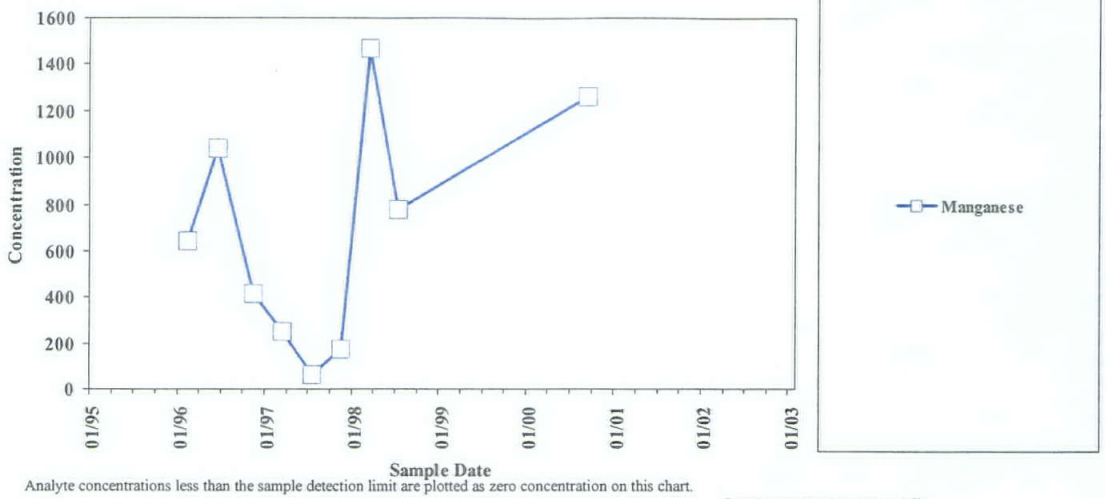
Sample concentration units: mg/Kg

Sample Location:

LT-02

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

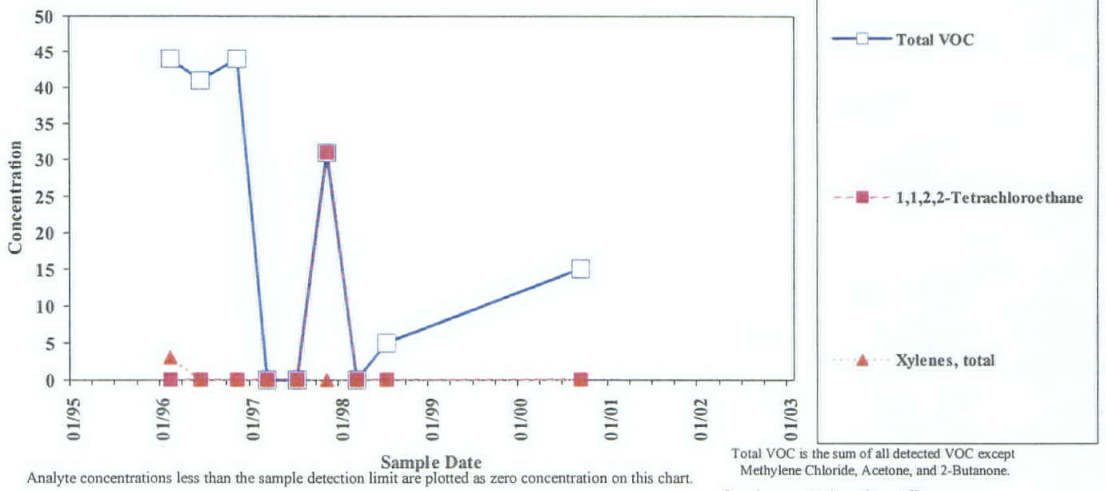
Sample concentration units: mg/Kg

Sample Location:

LT-02

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

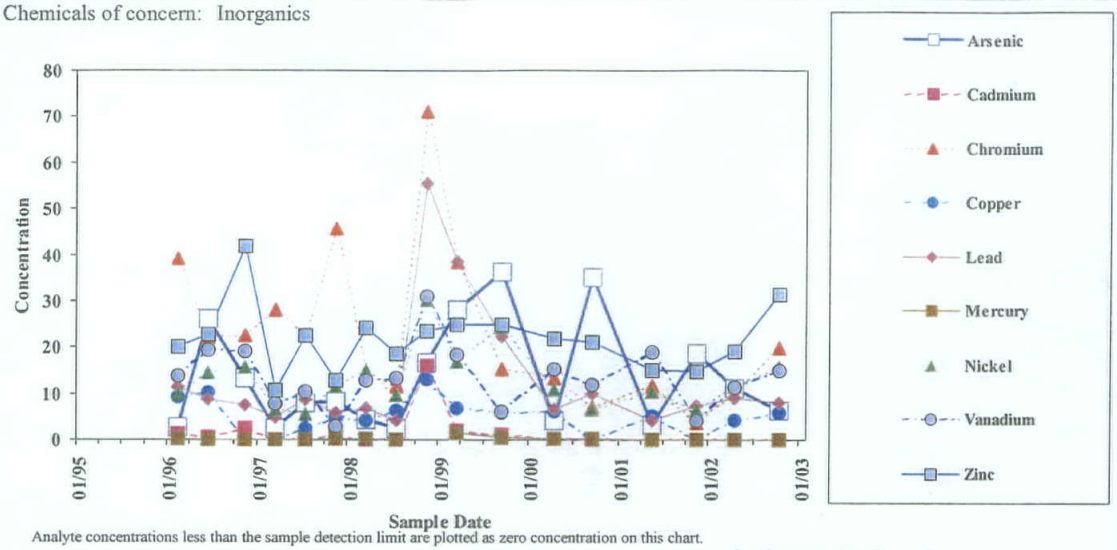
Sample concentration units: µg/Kg

Sample Location:

LT-03

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

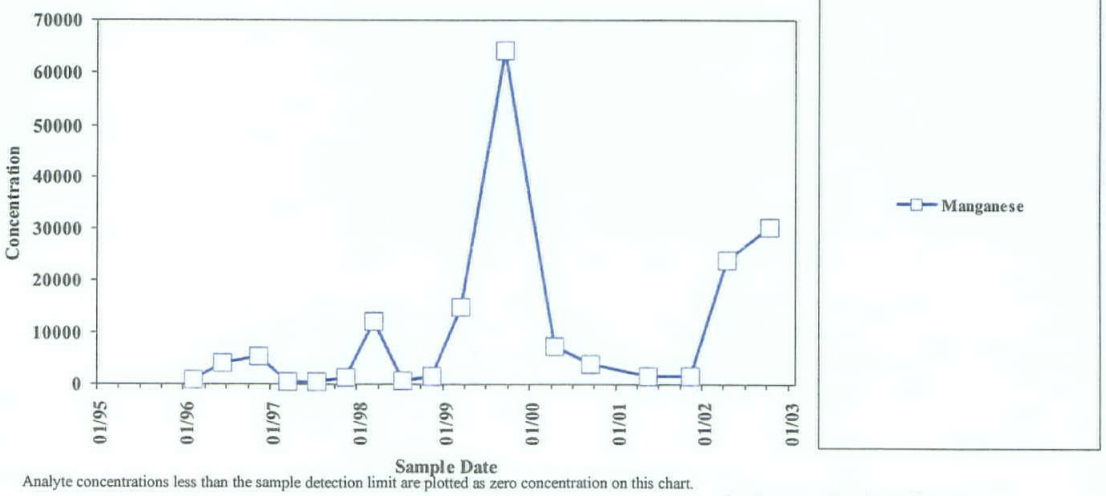
Sample concentration units: mg/Kg

Sample Location:

LT-03

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

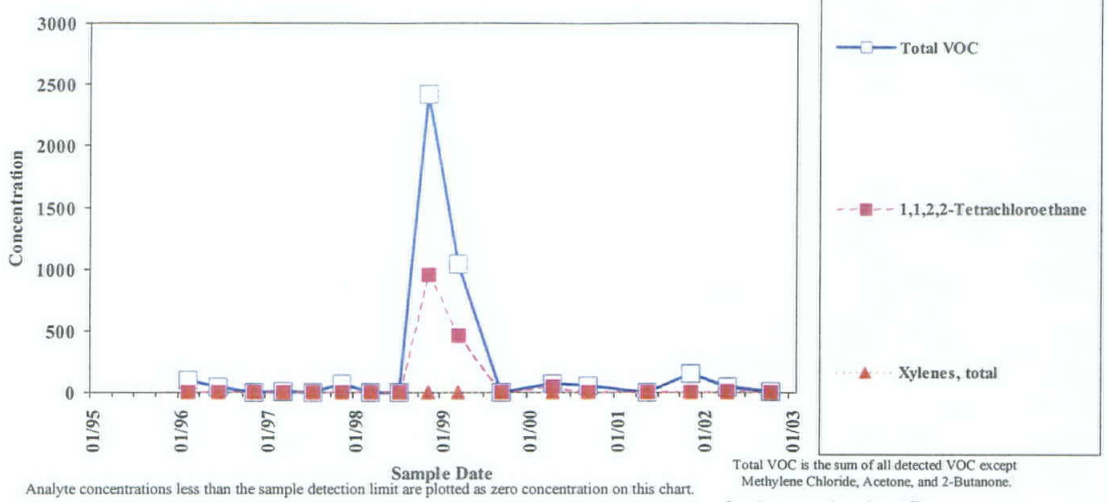
Sample concentration units: mg/Kg

Sample Location:

LT-03

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

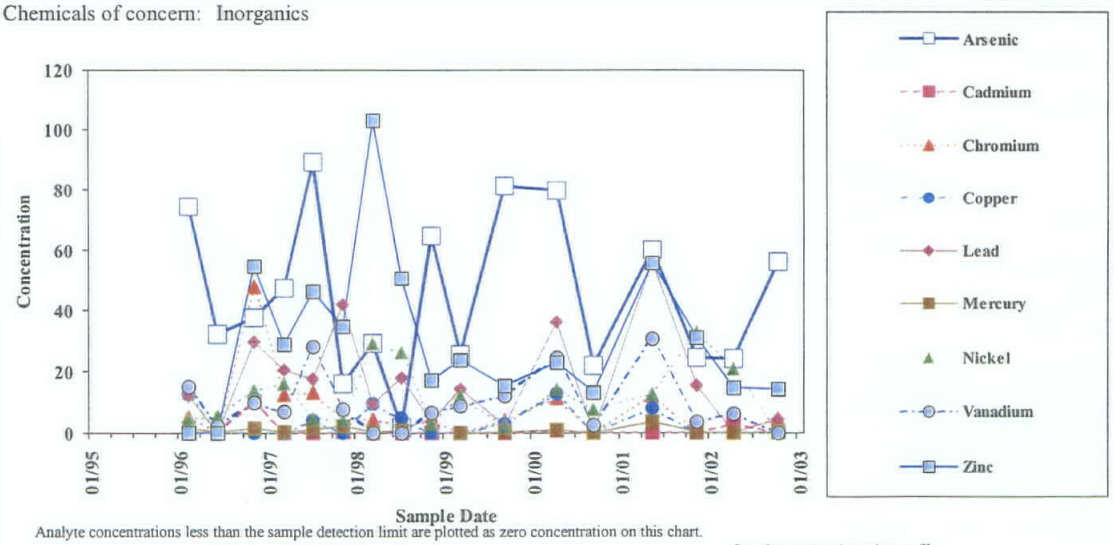
Sample concentration units: µg/Kg

Sample Location:

LT-04

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

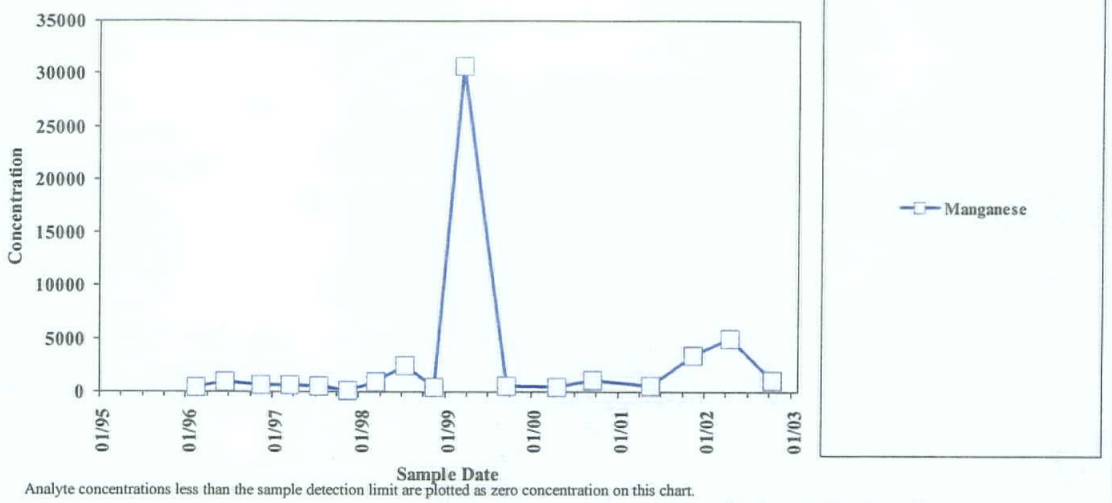
Sample concentration units: mg/Kg

Sample Location:

LT-04

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

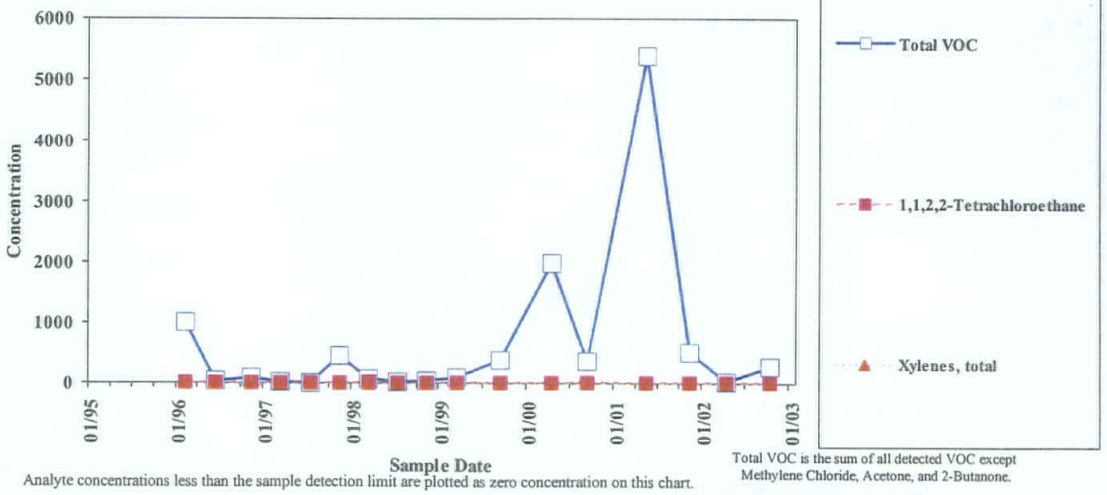
Sample concentration units: mg/Kg

Sample Location:

LT-04

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

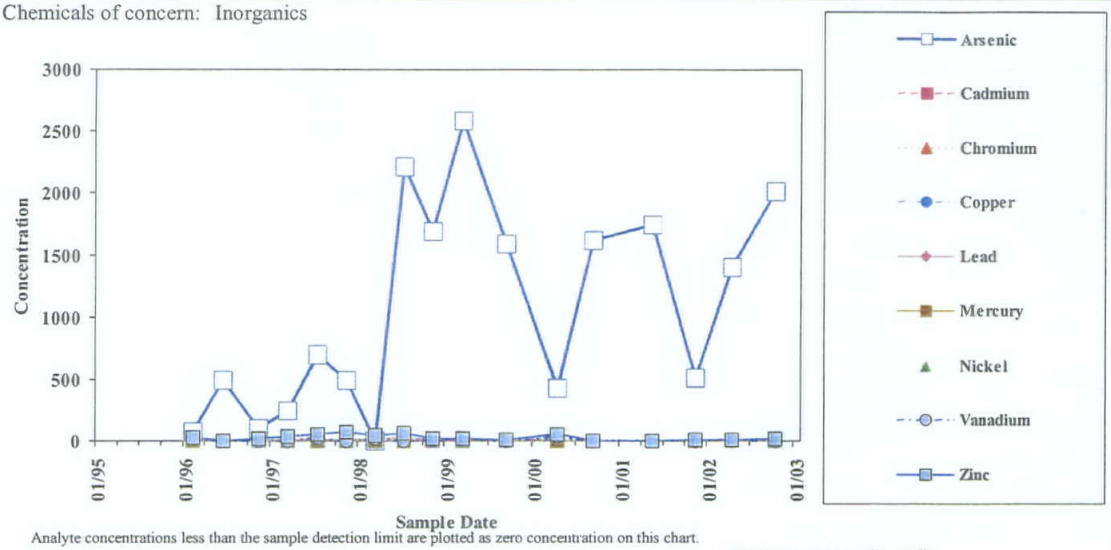
Sample concentration units: µg/Kg

Sample Location:

LT-05

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

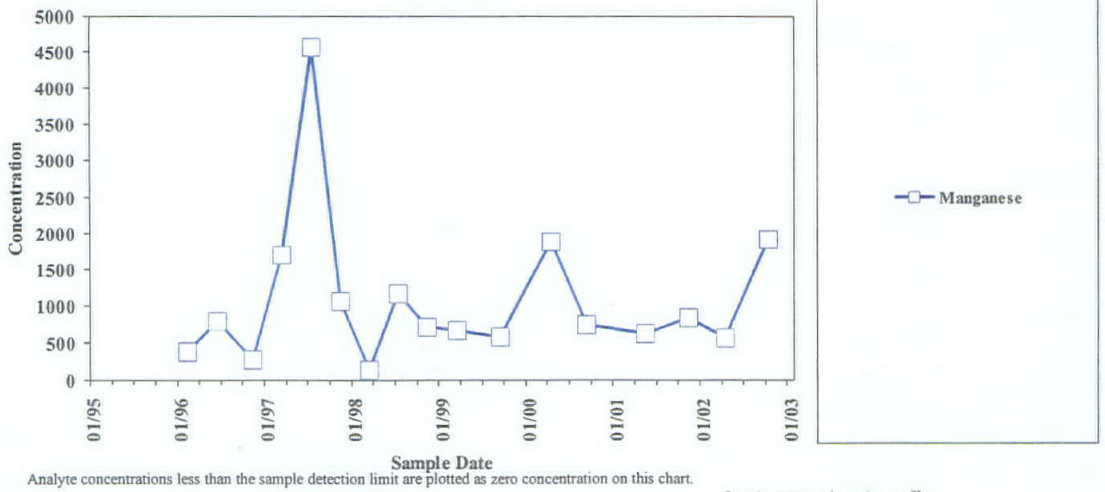
Sample concentration units: mg/Kg

Sample Location:

LT-05

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

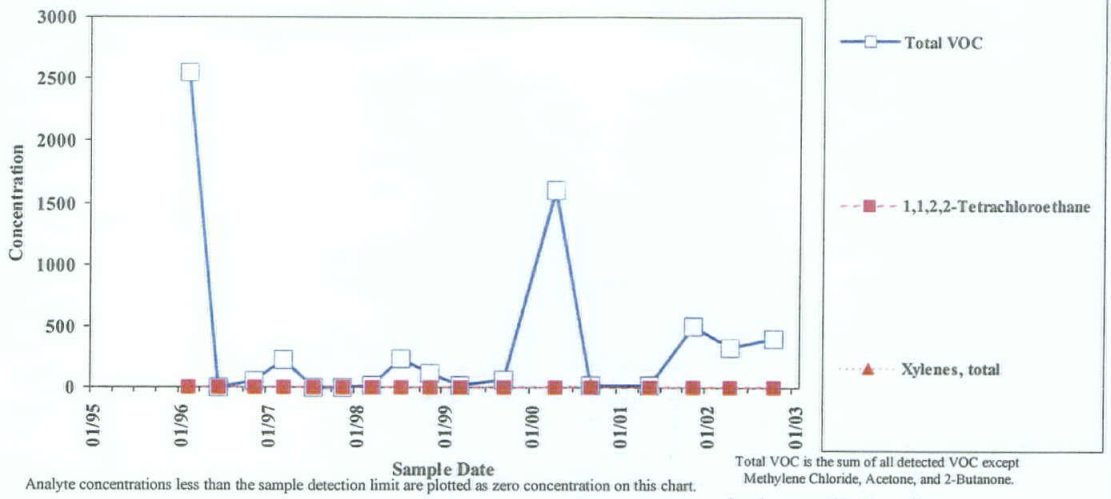
Sample concentration units: mg/Kg

Sample Location:

LT-05

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

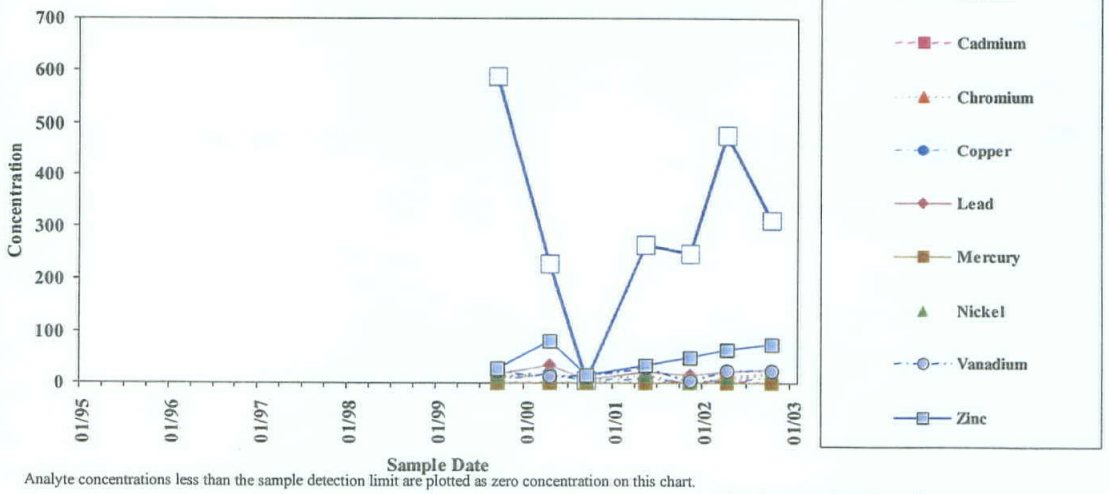
Sample concentration units: µg/Kg

Sample Location:

LT-09

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

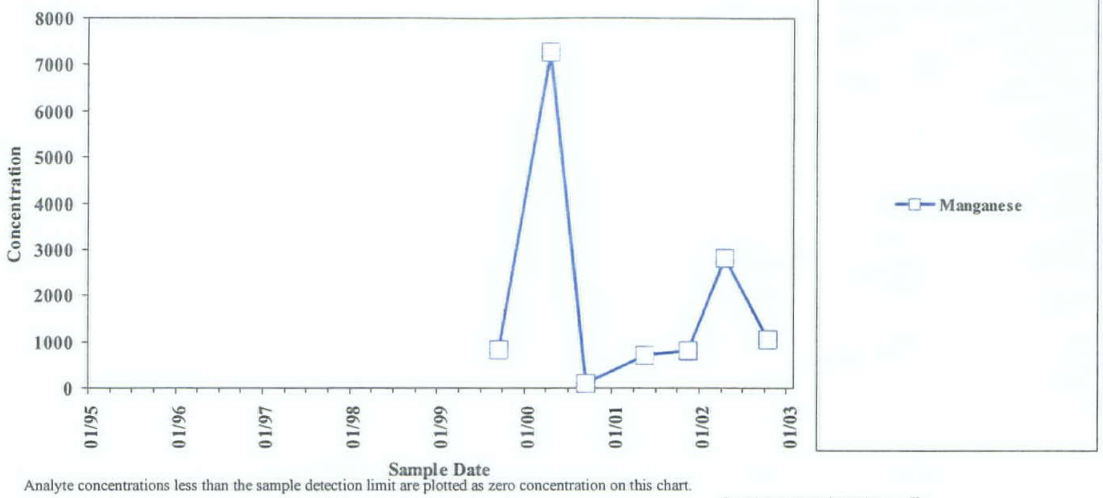
Sample concentration units: mg/Kg

Sample Location:

LT-09

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

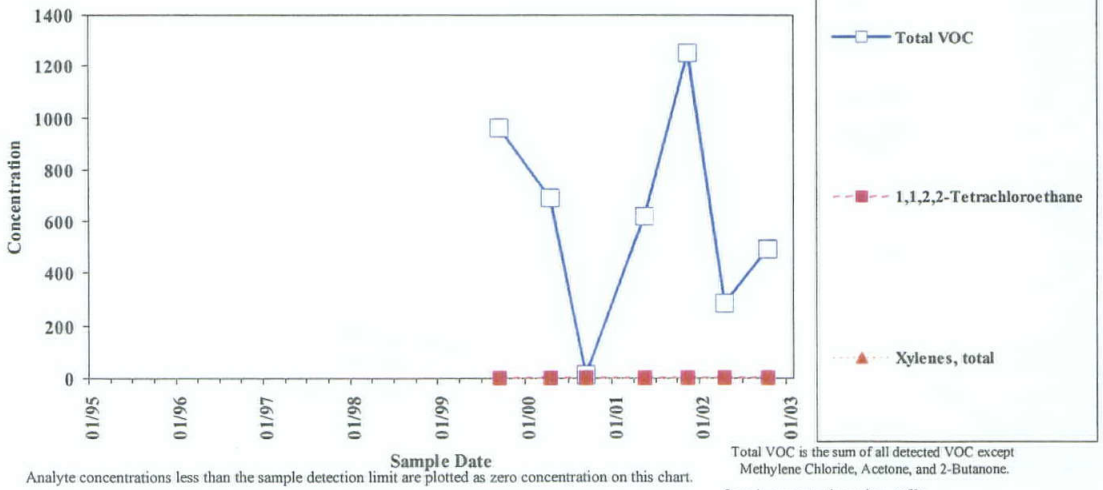
Sample concentration units: mg/Kg

Sample Location:

LT-09

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/Kg

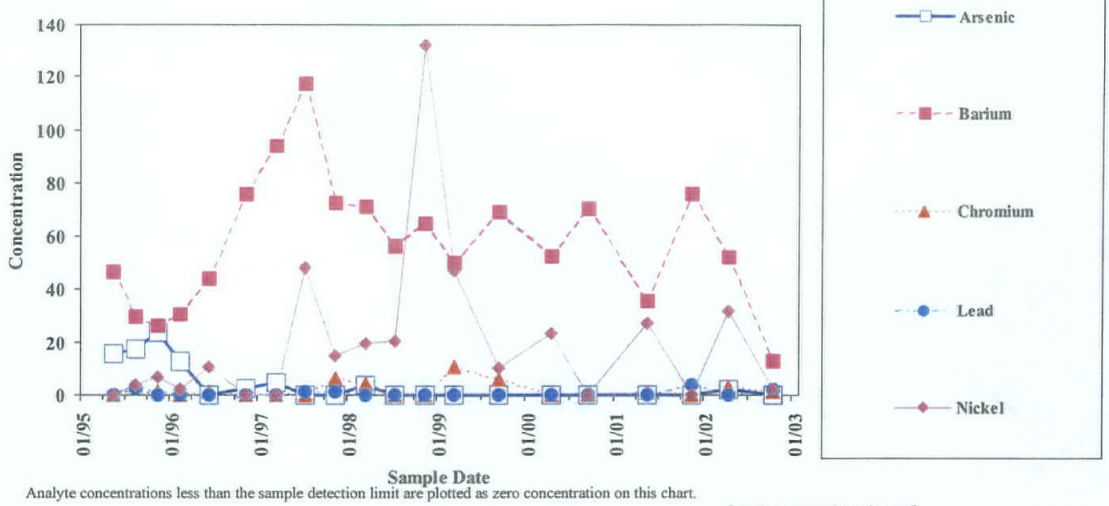
Sample Location:

MW-202A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

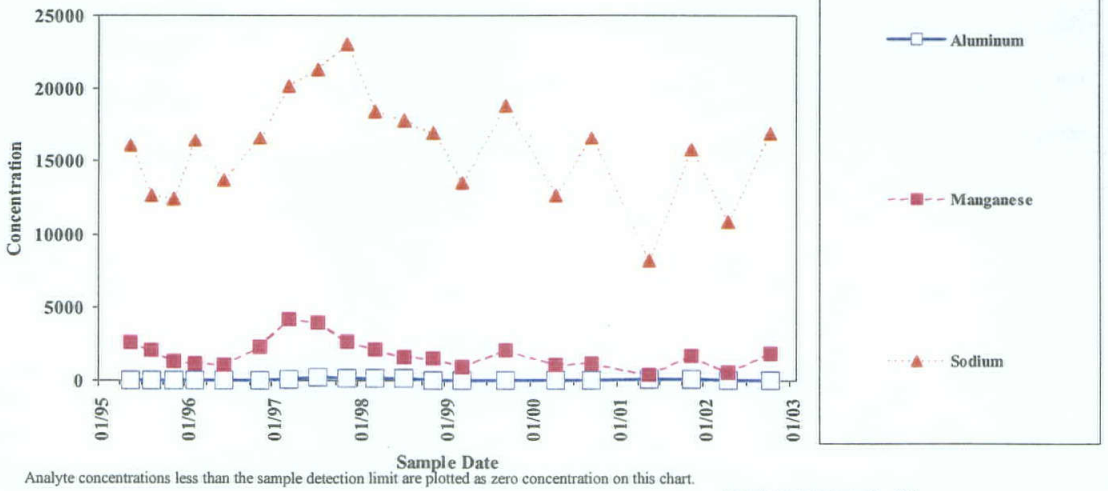
Sample Location:

MW-202A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

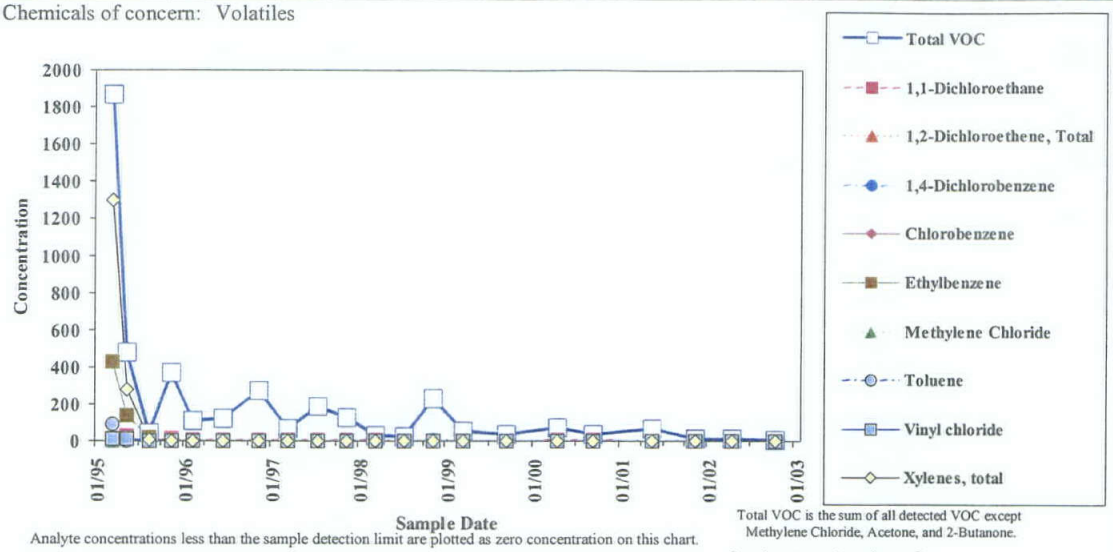
Sample Location:

MW-202A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

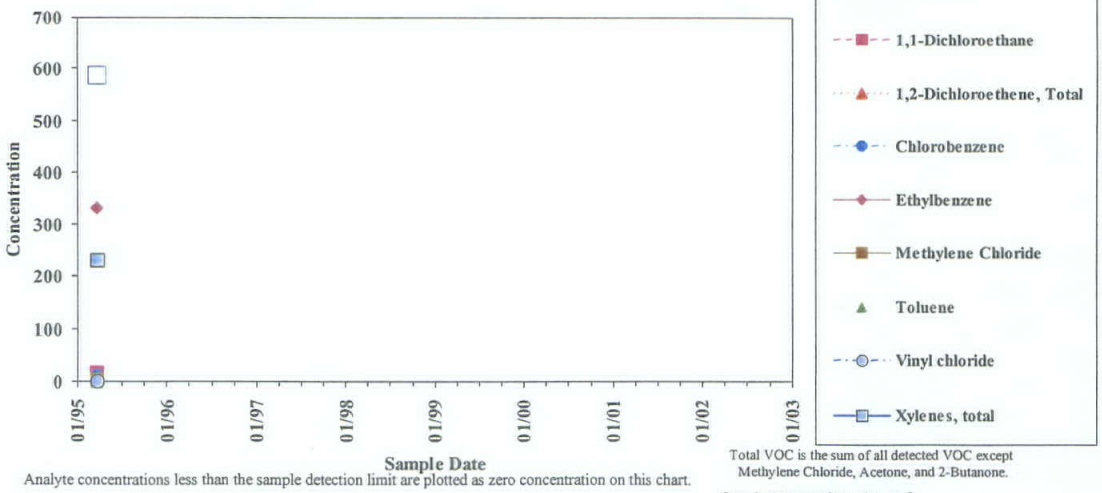
Sample Location:

MW-202B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

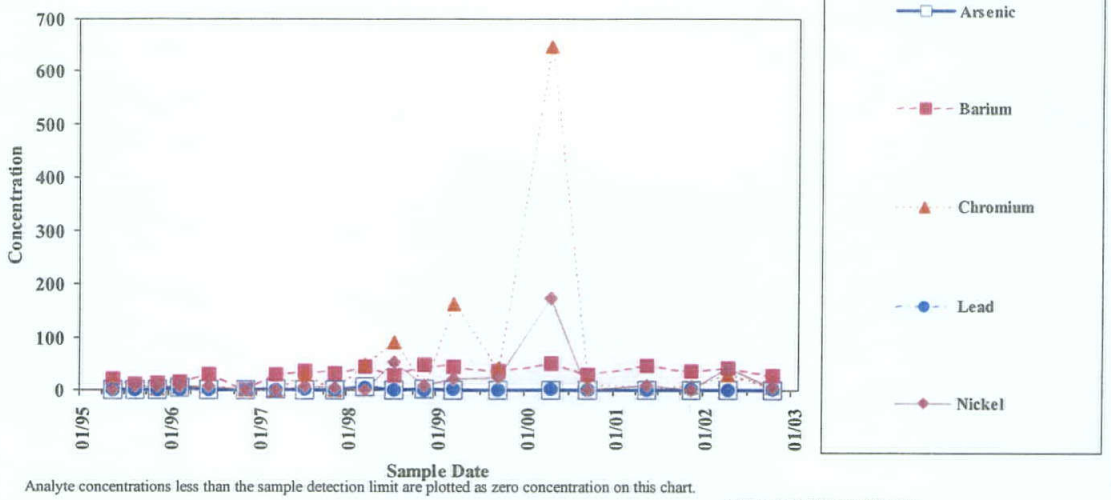
Sample Location:

MW-203

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

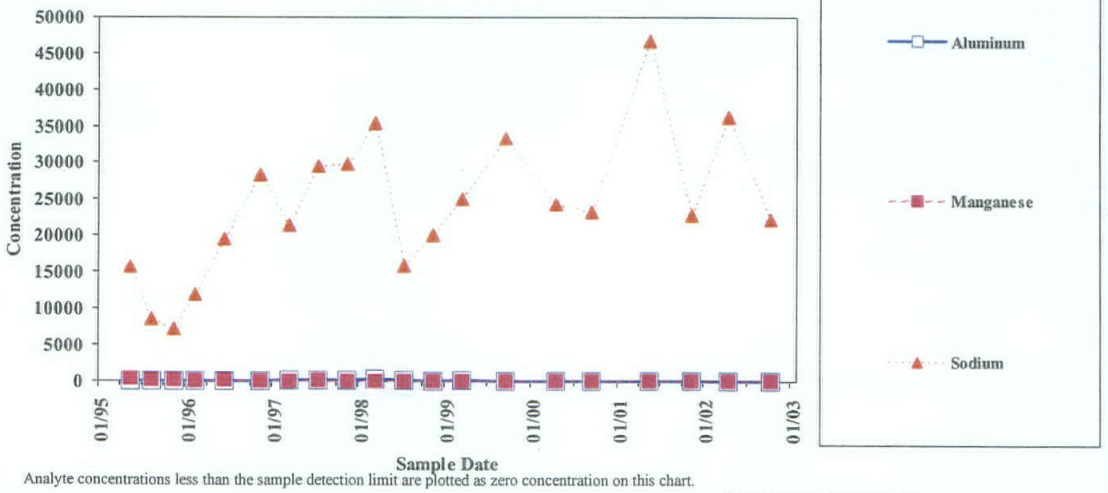
Sample Location:

MW-203

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

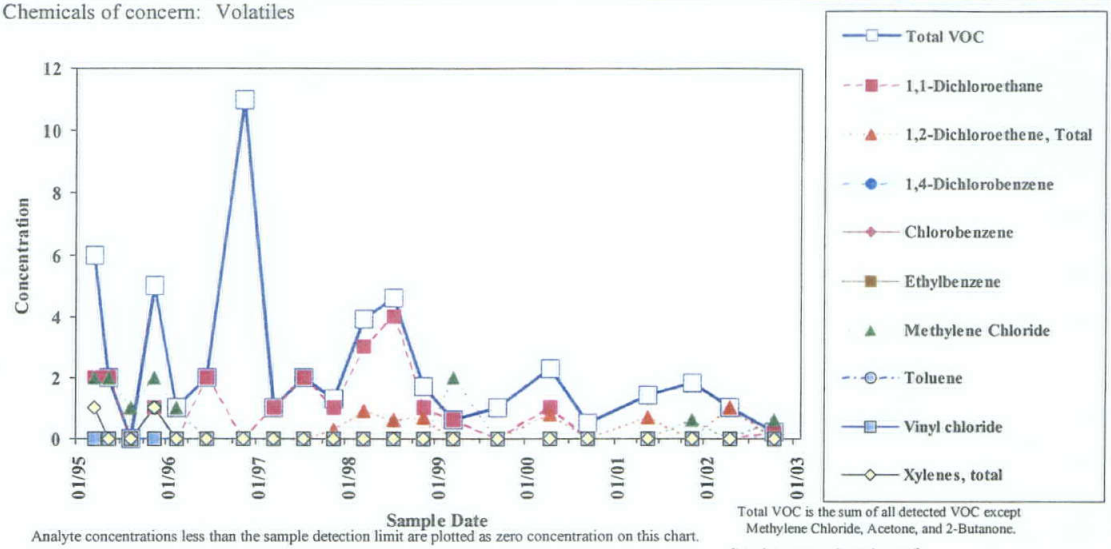
Sample Location:

MW-203

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

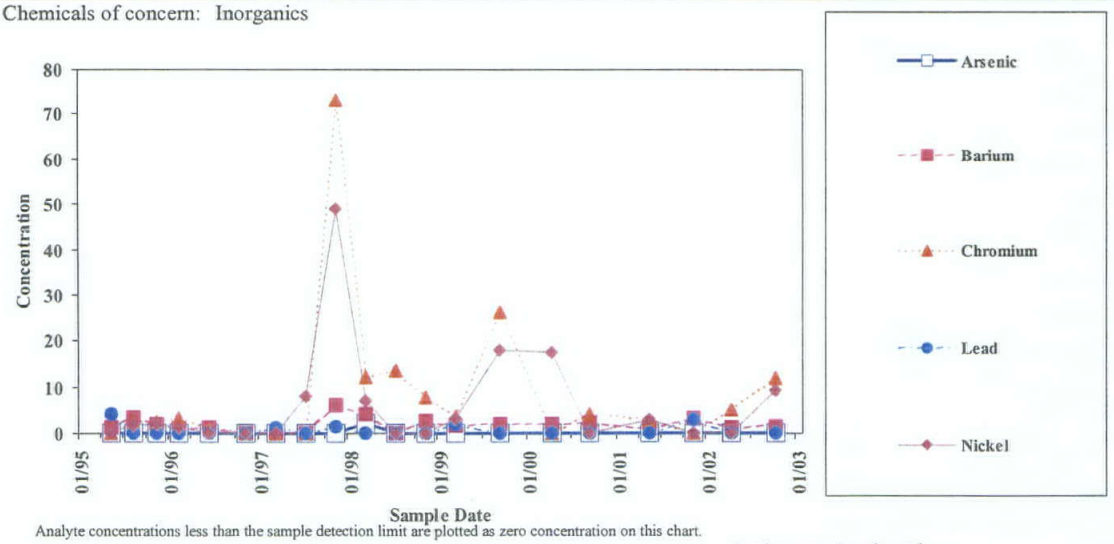
Sample Location:

MW-204

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

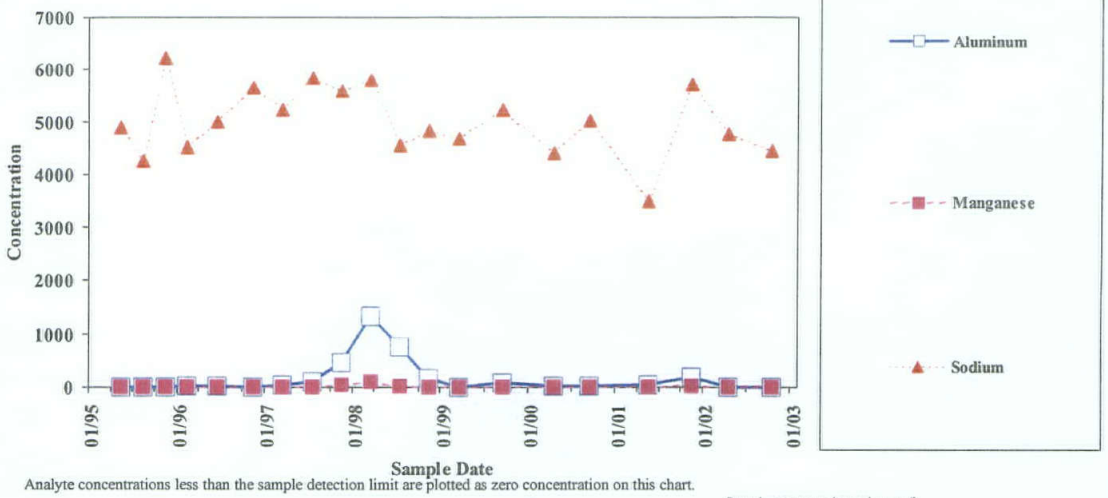
Sample Location:

MW-204

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

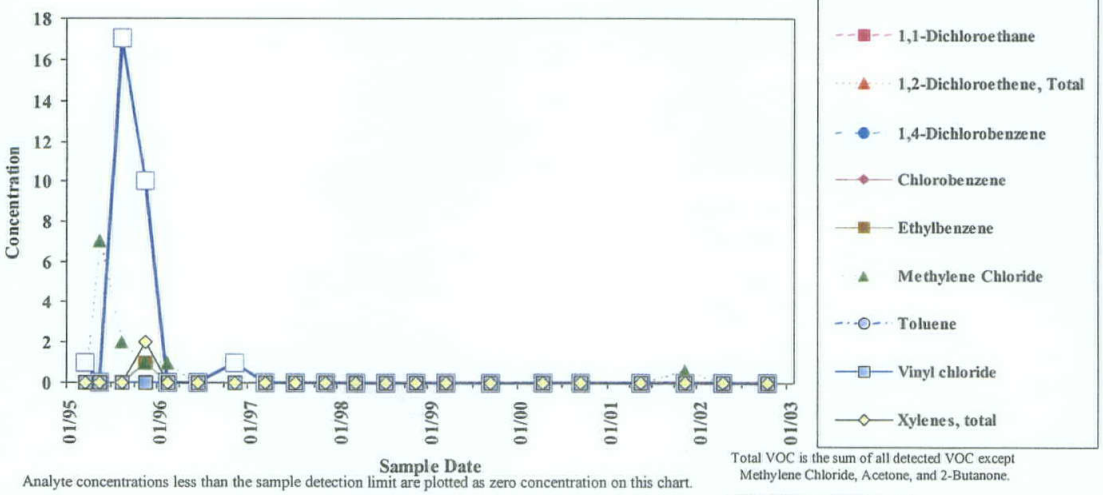
Sample Location:

MW-204

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

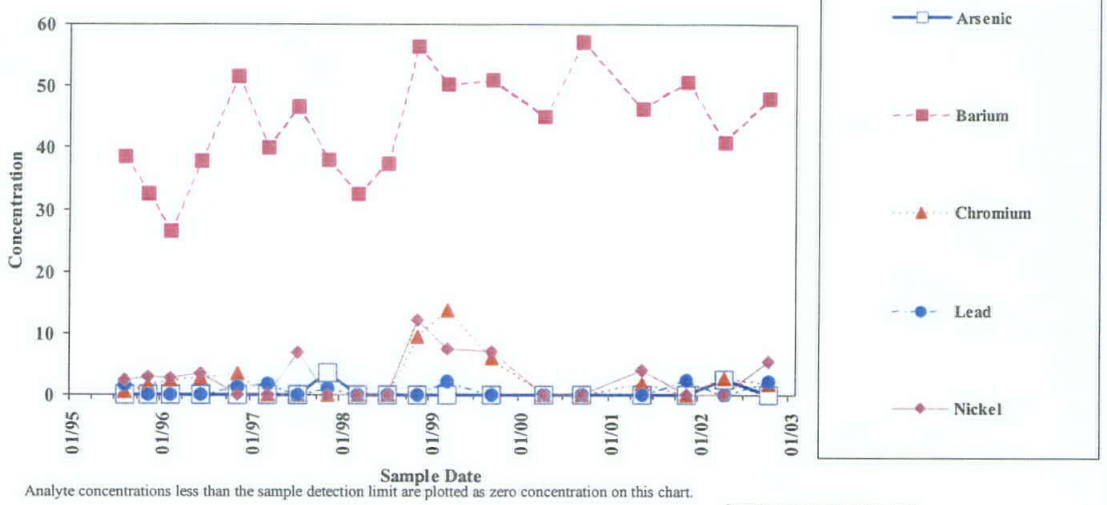
Sample Location:

MW-2101

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

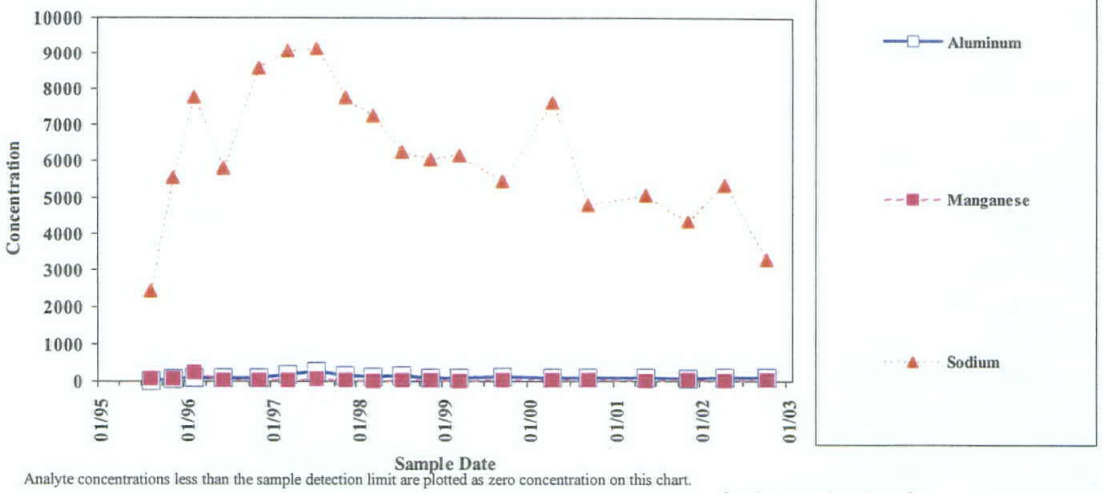
Sample Location:

MW-2101

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

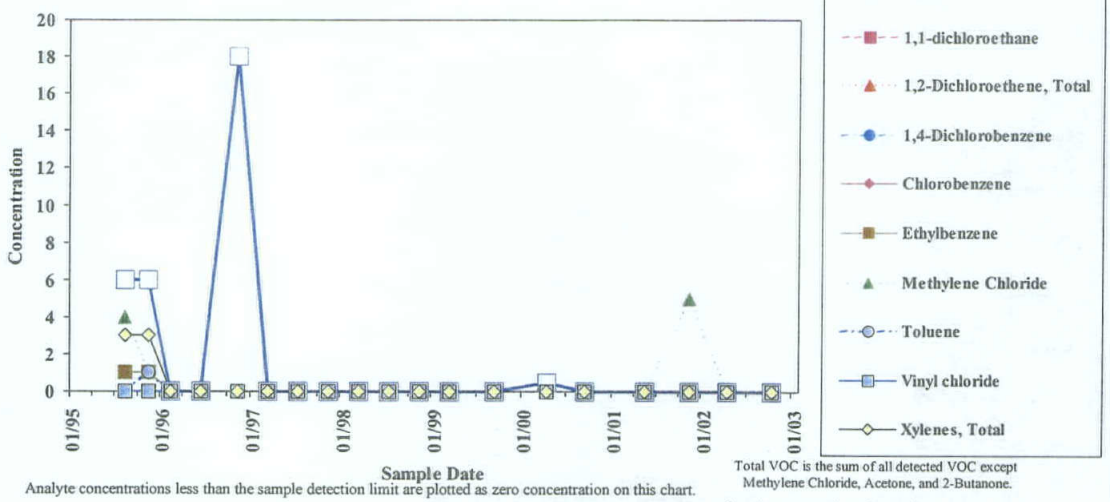
Sample Location:

MW-2101

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

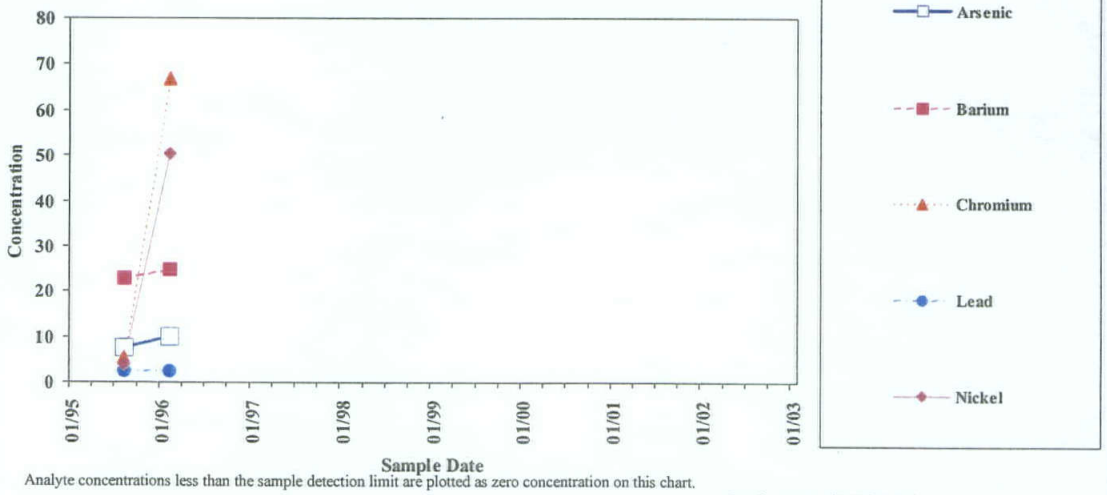
Sample Location:

MW-210A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

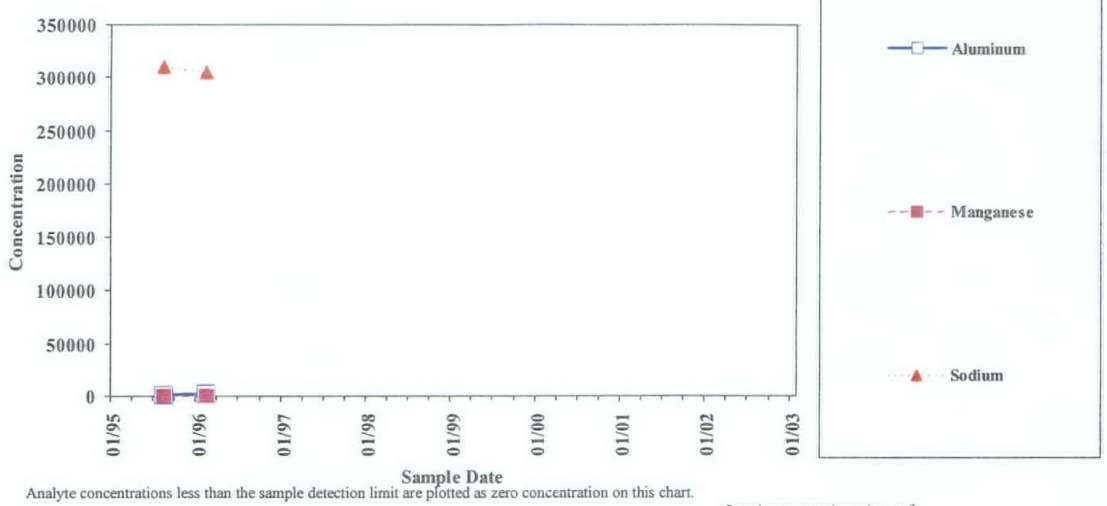
Sample Location:

MW-210A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

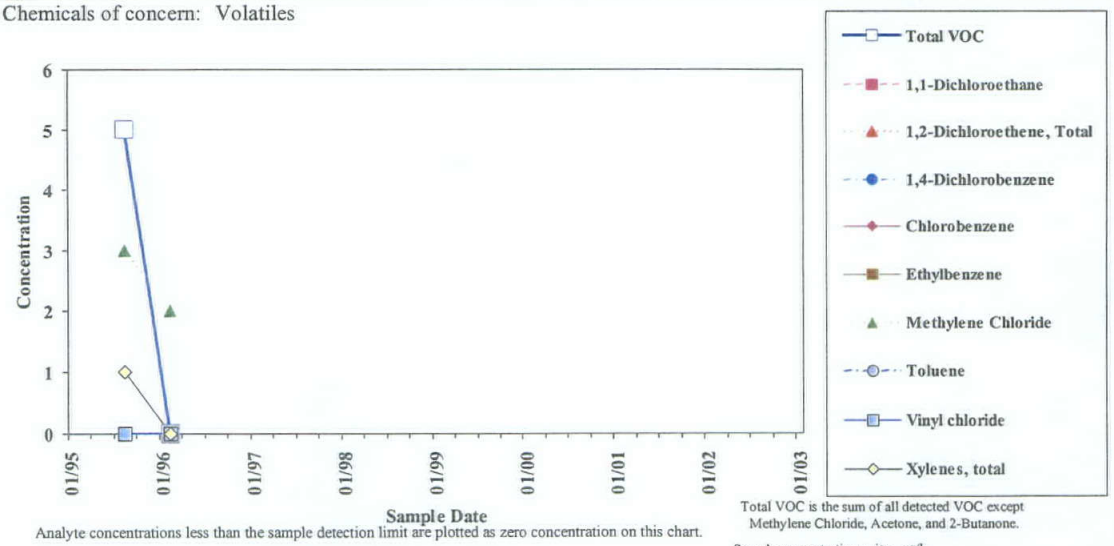
Sample Location:

MW-210A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

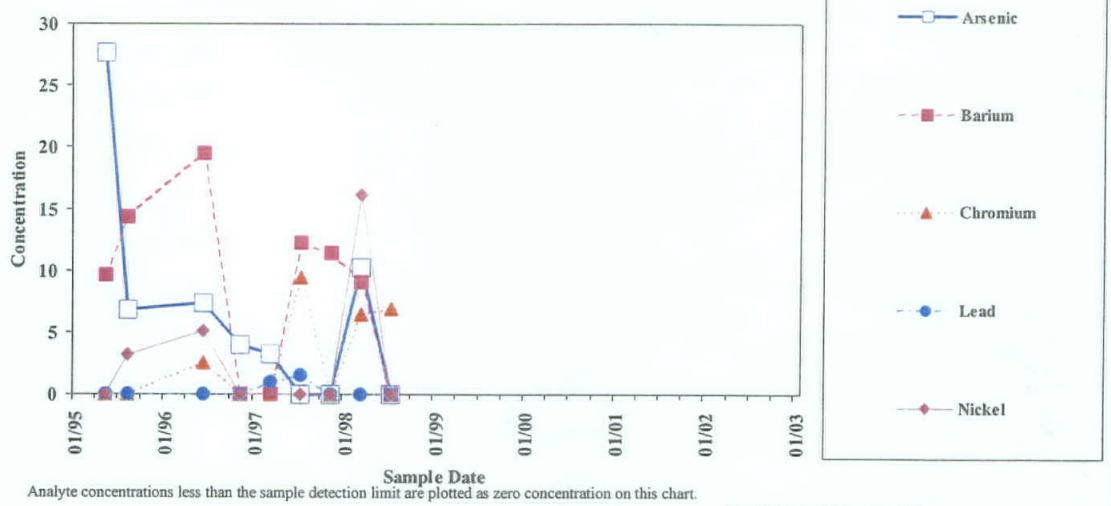
Sample Location:

MW-210B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

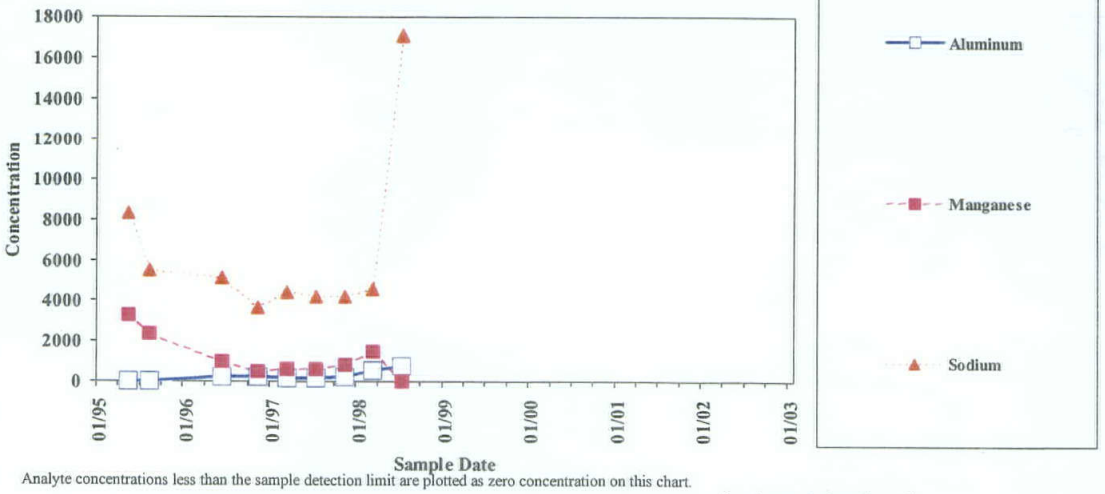
Sample Location:

MW-210B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

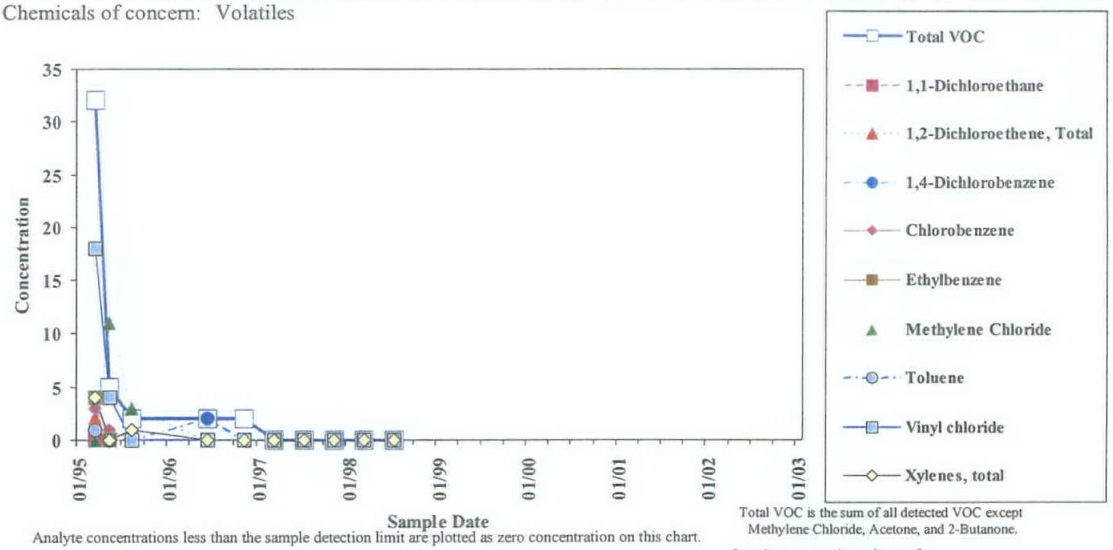
Sample Location:

MW-210B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

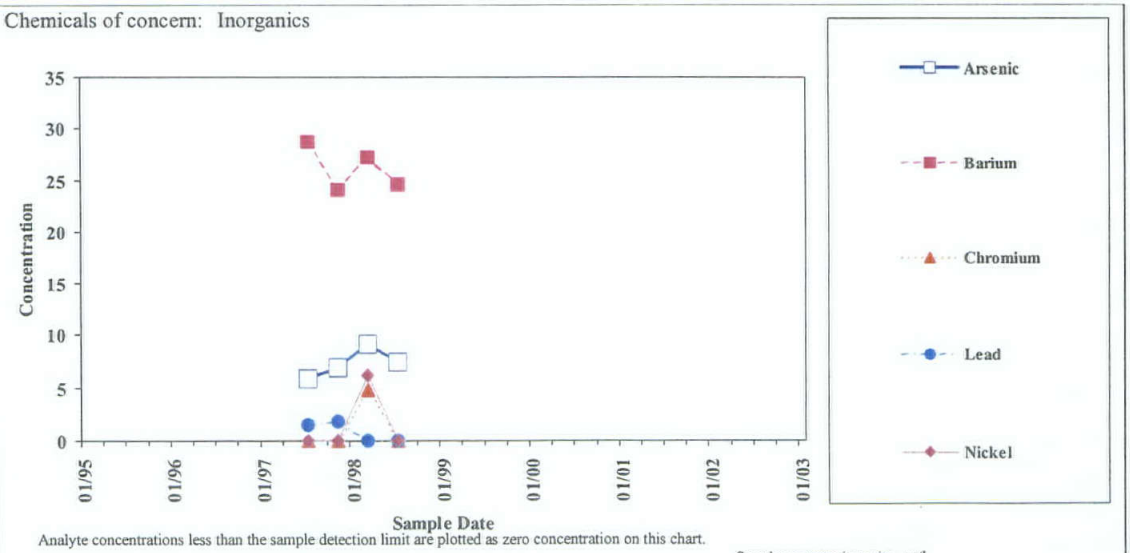
Sample Location:

MW-210R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

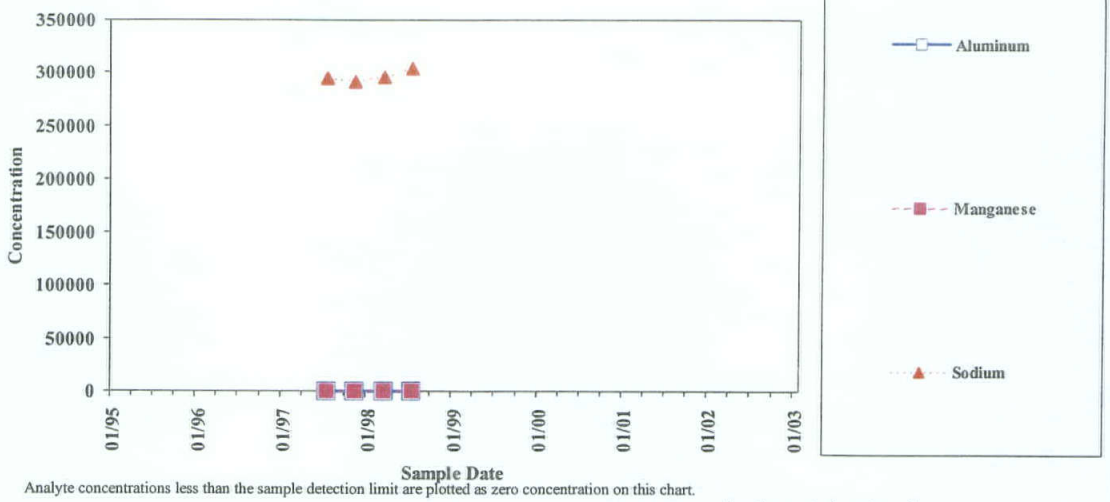
Sample Location:

MW-210R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

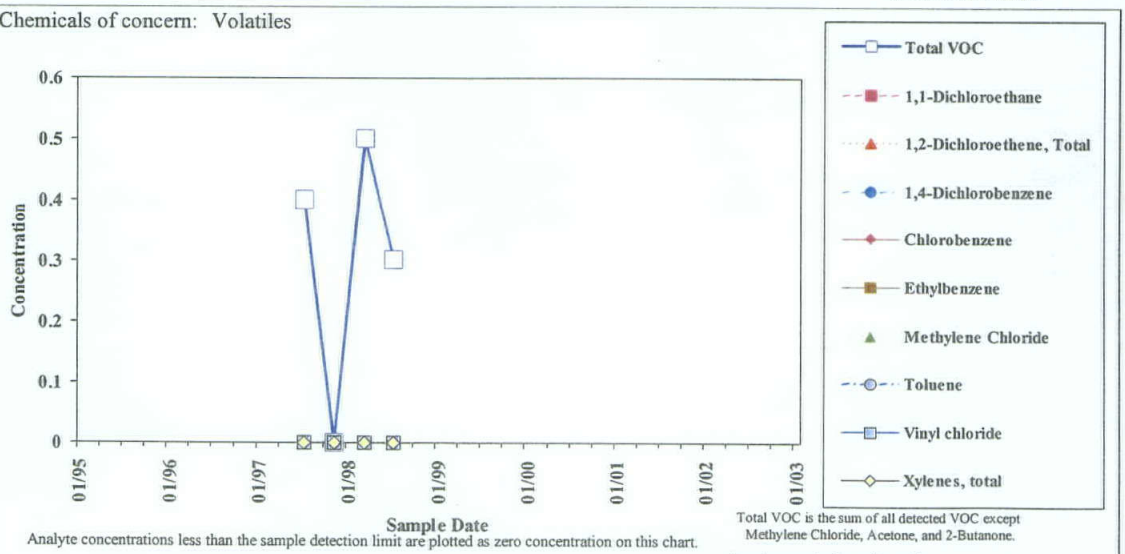
Sample Location:

MW-210R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

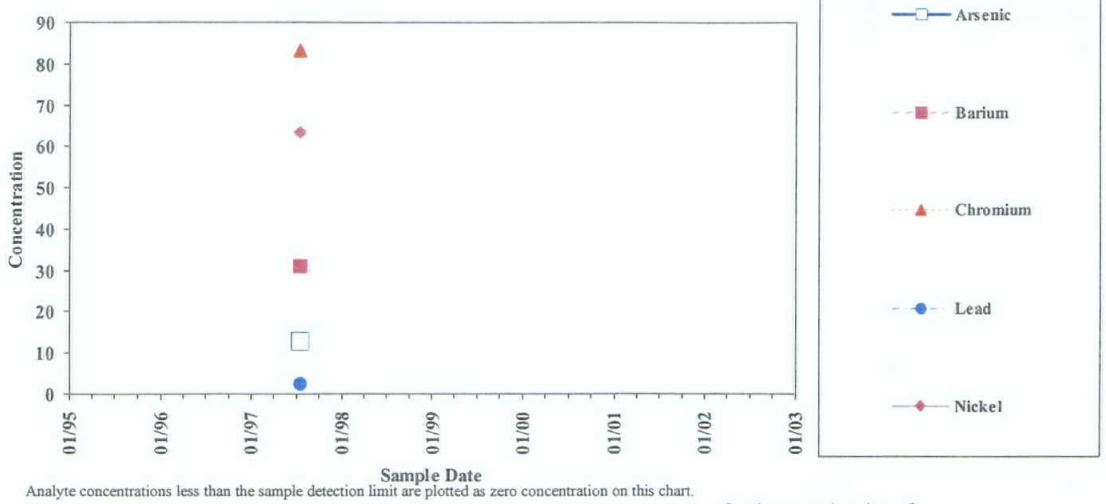
Sample Location:

MW-211B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

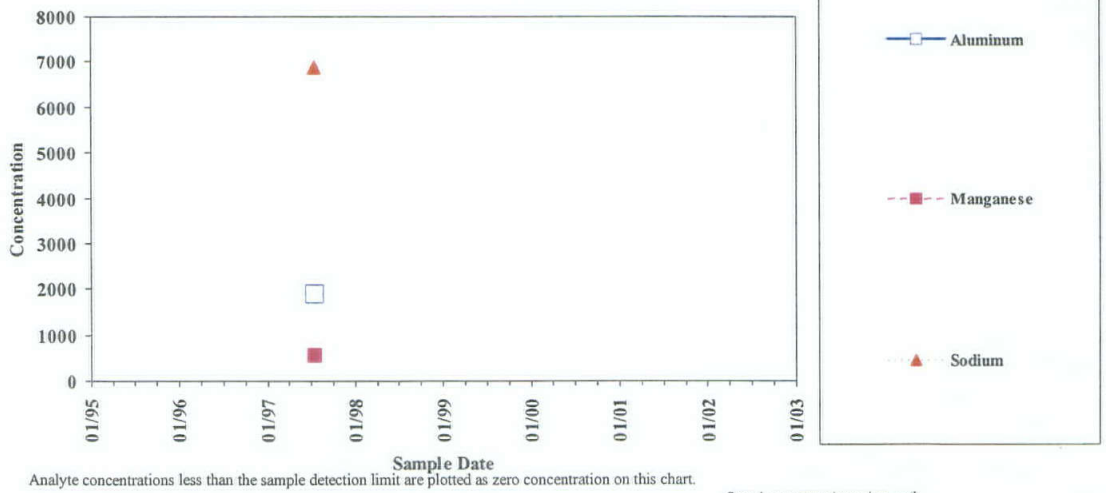
Sample Location:

MW-211B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

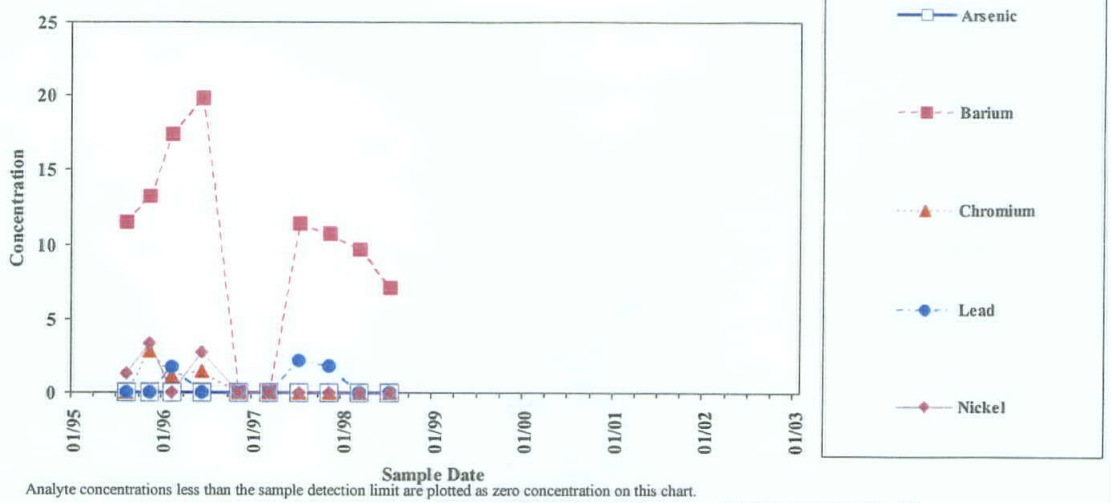
Sample Location:

MW-215R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

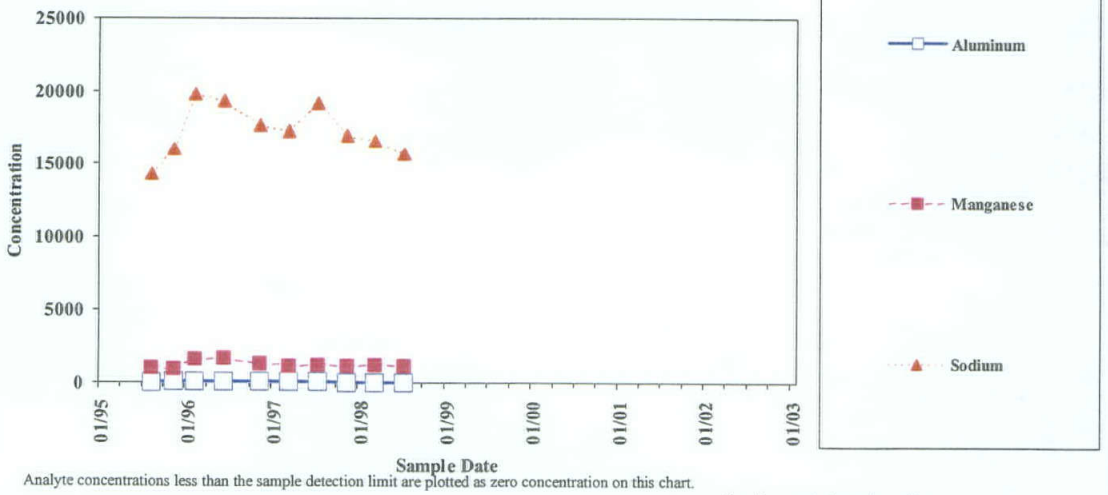
Sample Location:

MW-215R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

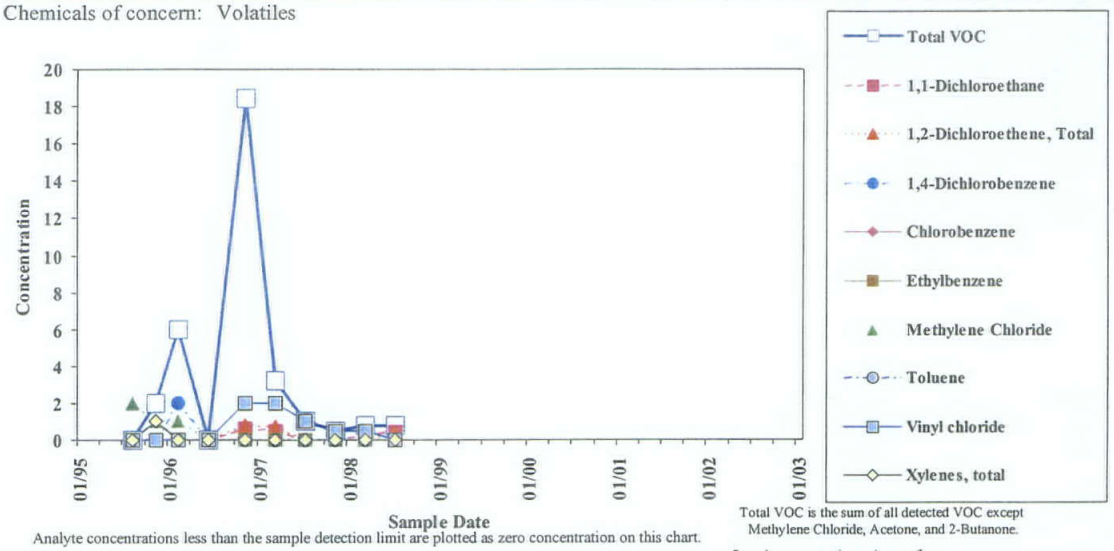
Sample Location:

MW-215R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

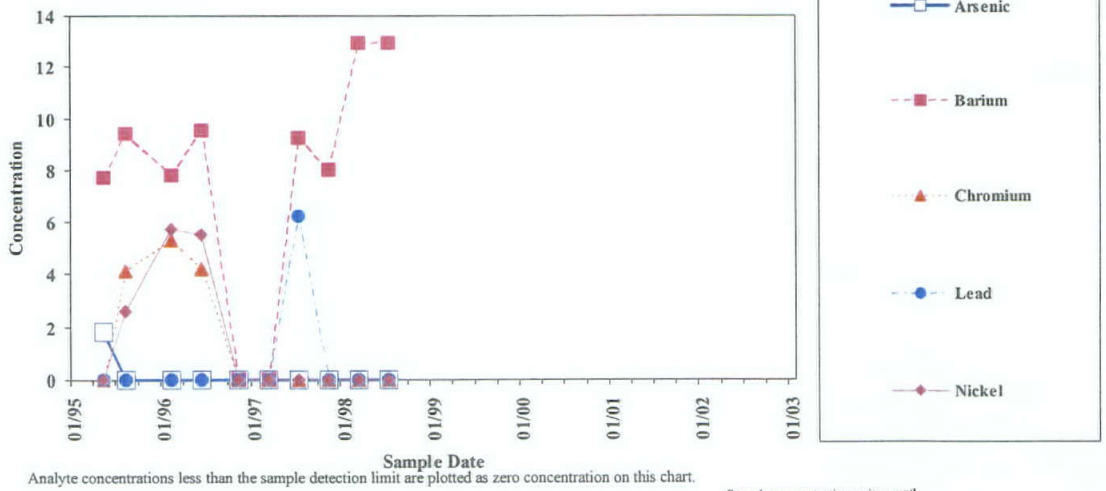
Sample Location:

MW-216A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

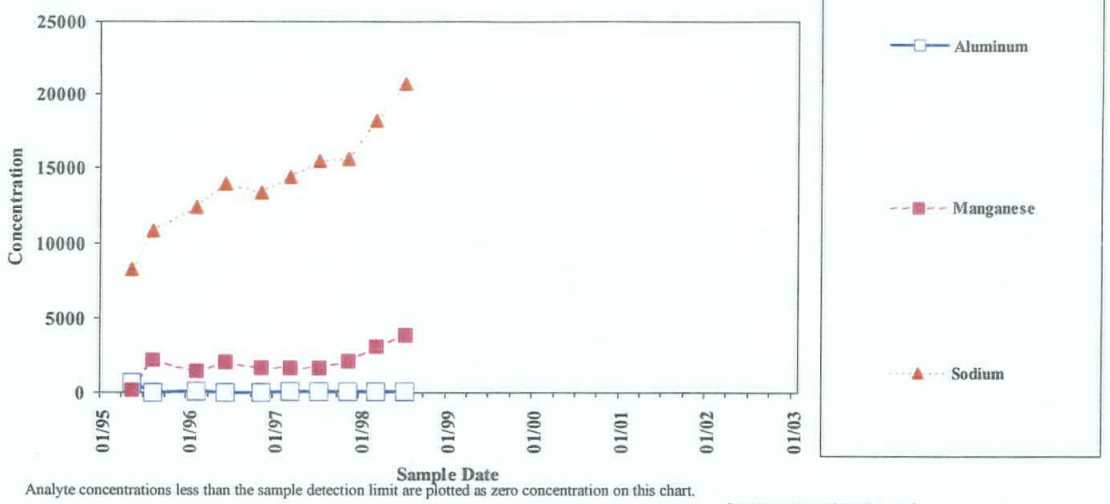
Sample Location:

MW-216A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

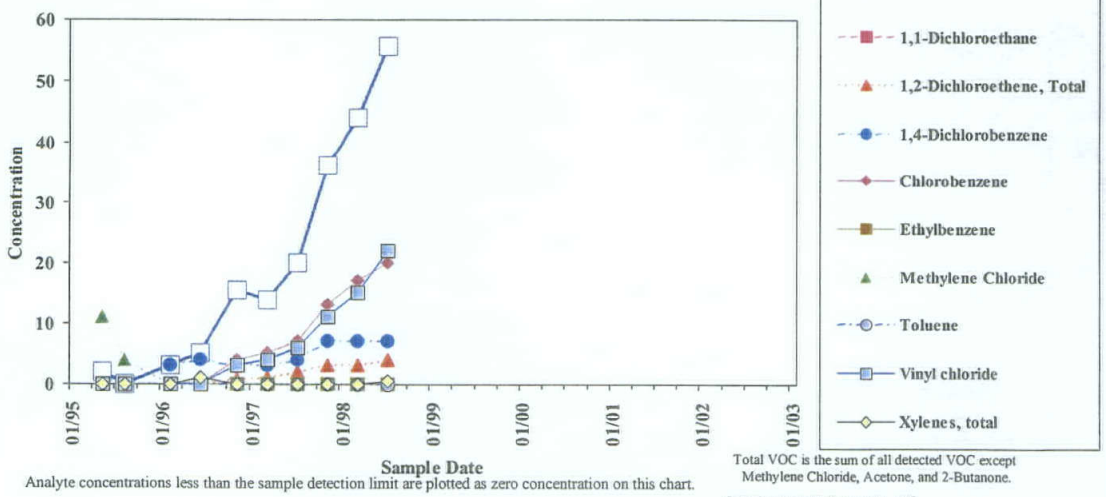
Sample Location:

MW-216A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

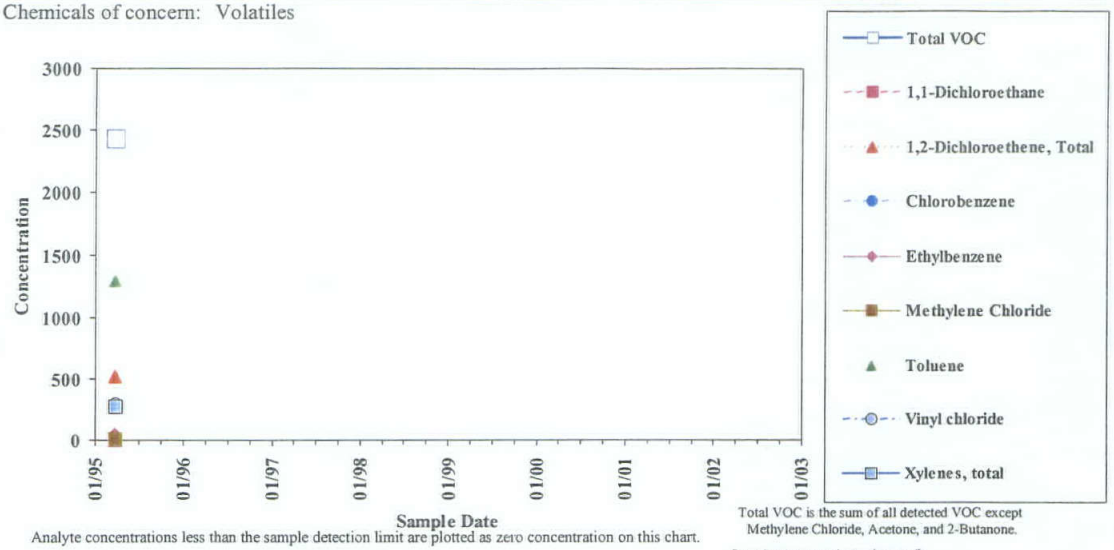
Sample Location:

MW-216B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

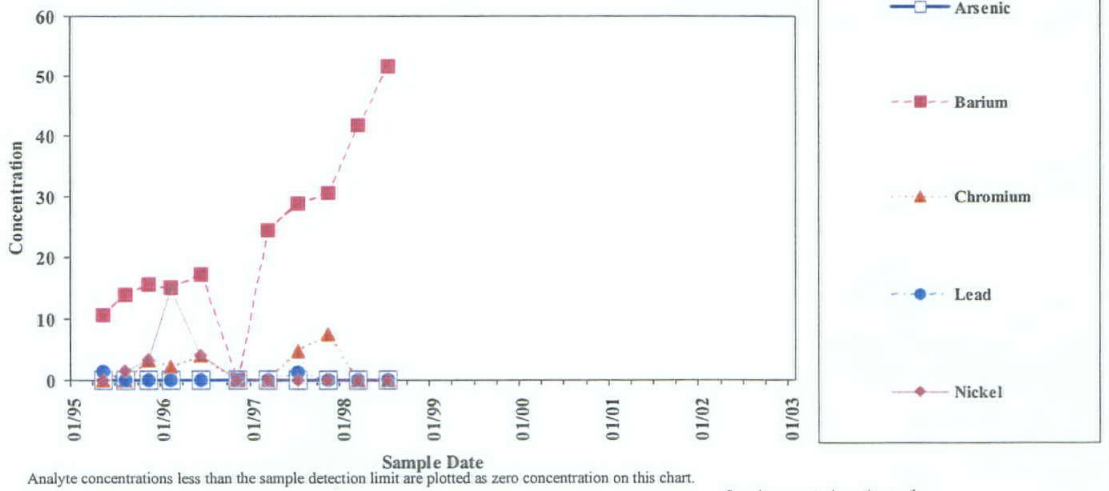
Sample Location:

MW-217A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

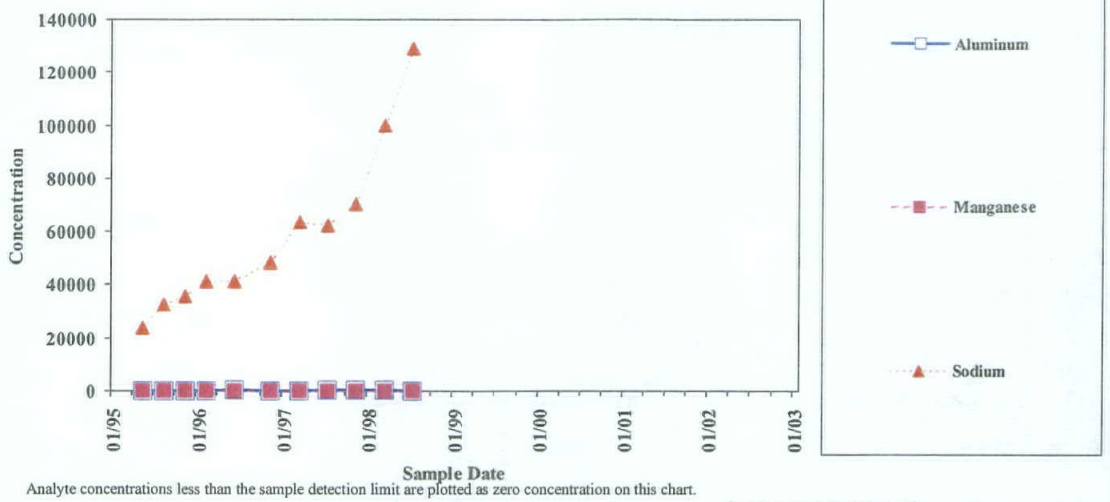
Sample Location:

MW-217A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

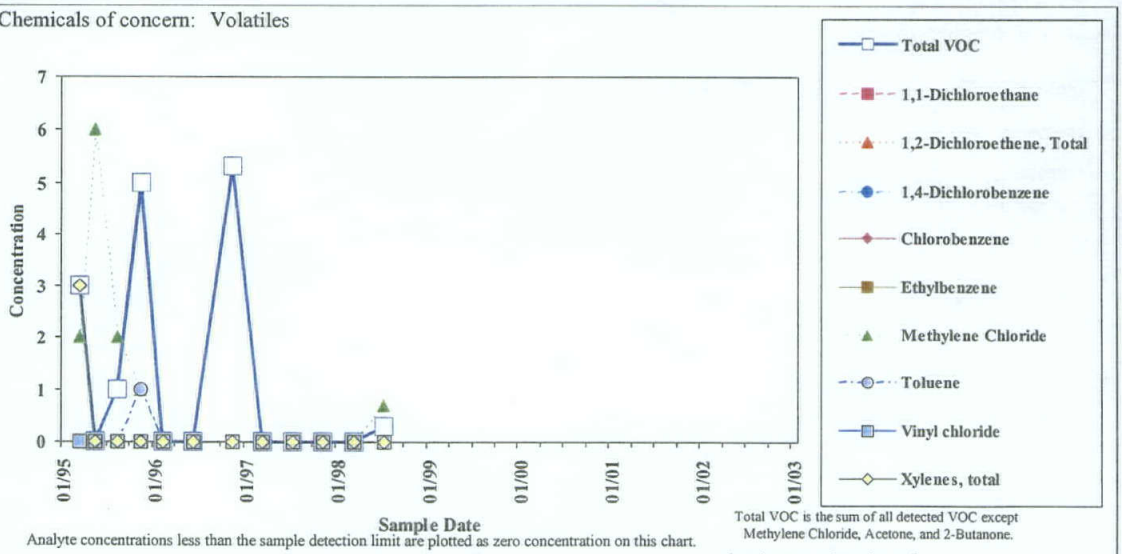
Sample Location:

MW-217A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

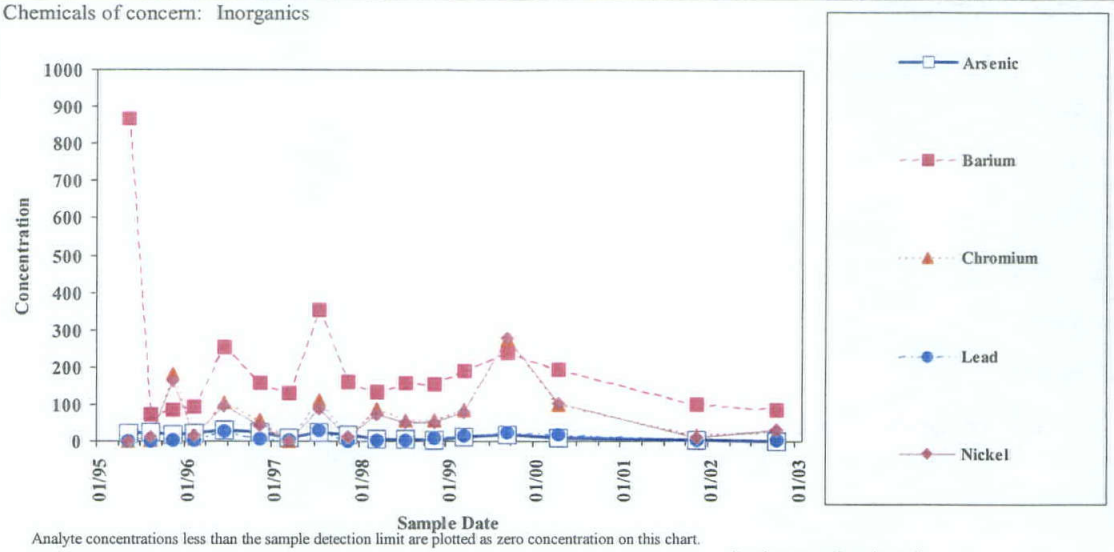
Sample Location:

MW-217B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

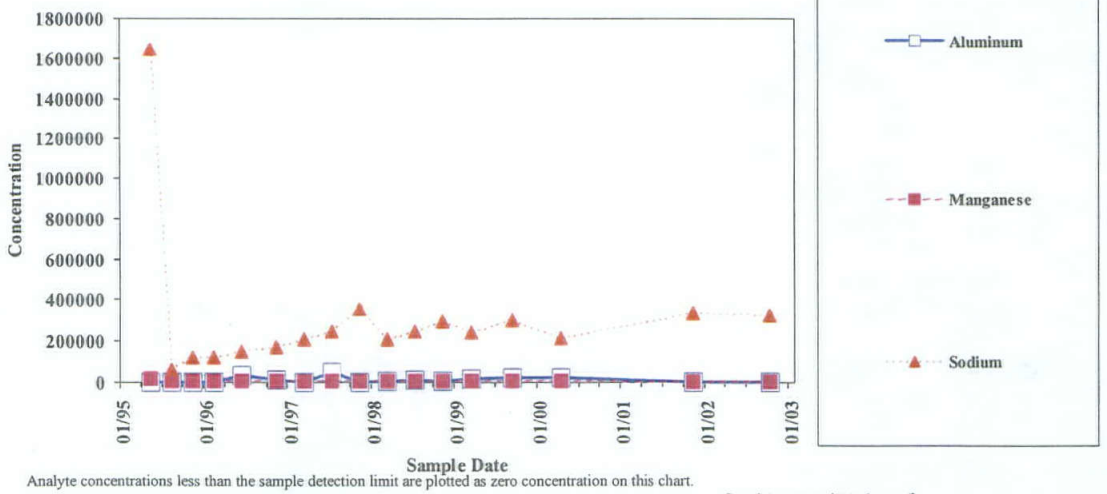
Sample Location:

MW-217B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

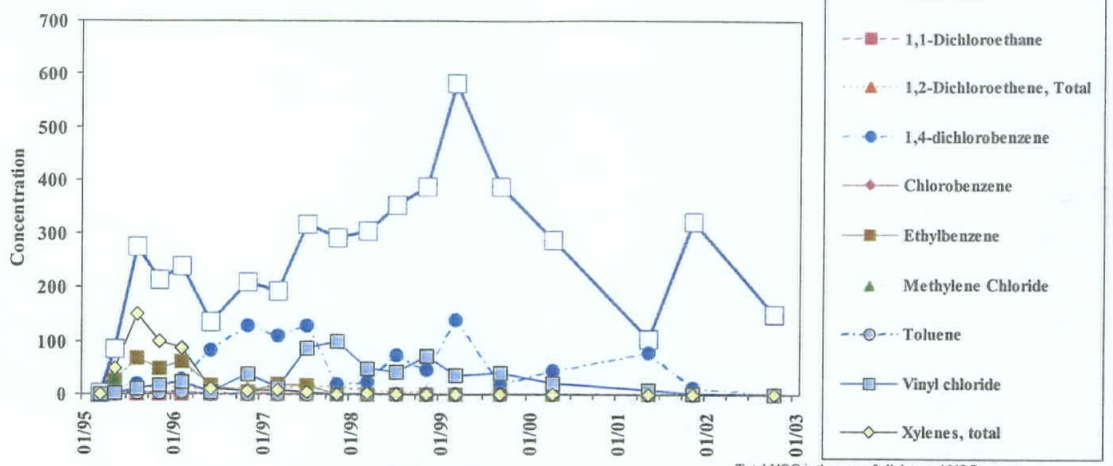
Sample Location:

MW-217B

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2
Xylenes, total															
MEG:	600														
MCL:	10000														

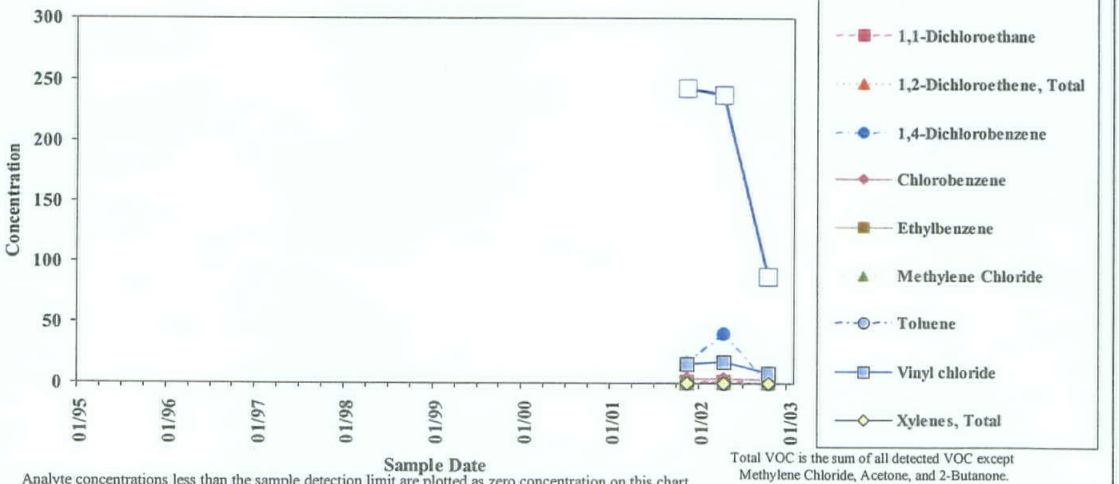
Sample Location:

MW-217B

Deep Diffusion Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2
Xylenes, total															
MEG:	600														
MCL:	10000														

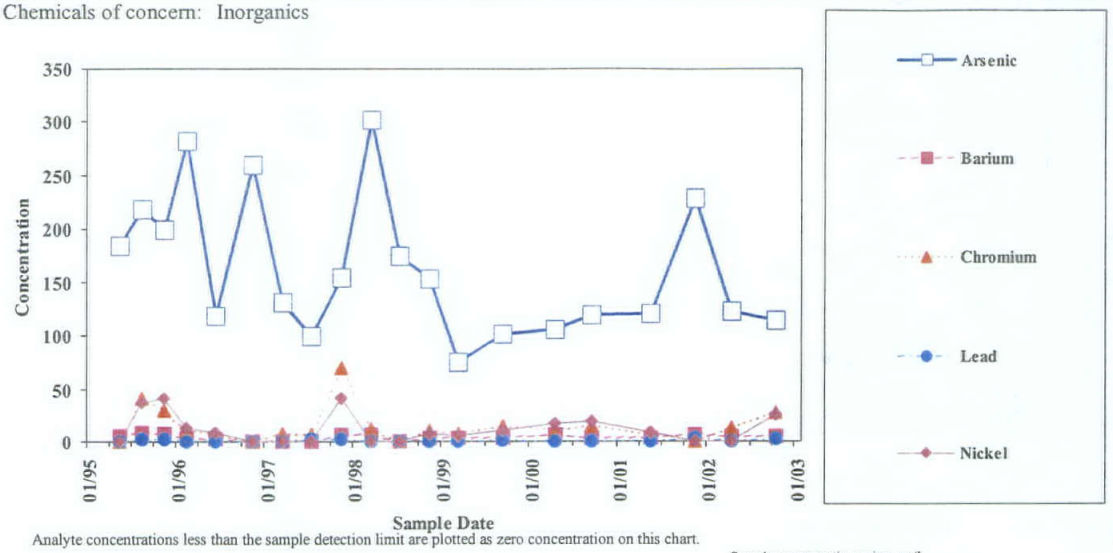
Sample Location:

MW-218

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

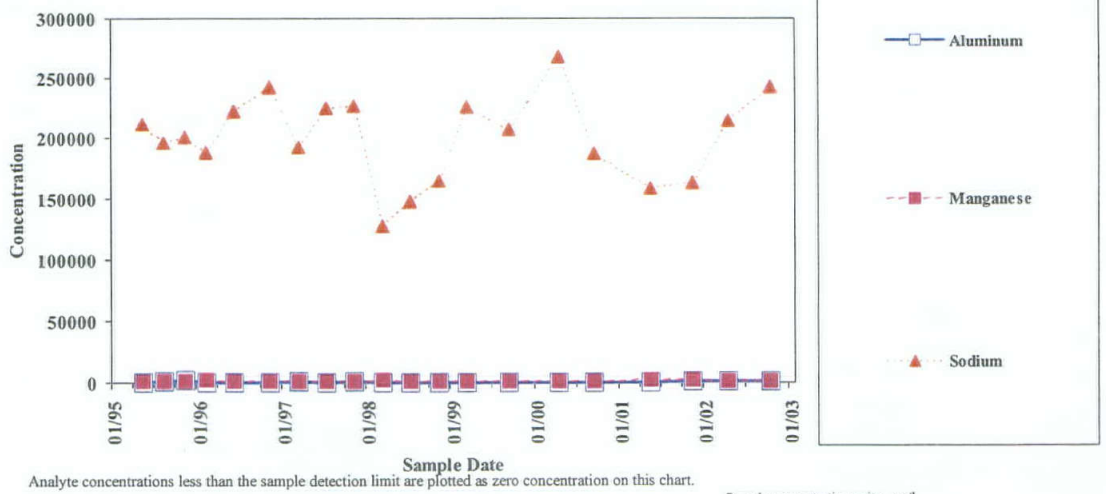
Sample Location:

MW-218

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

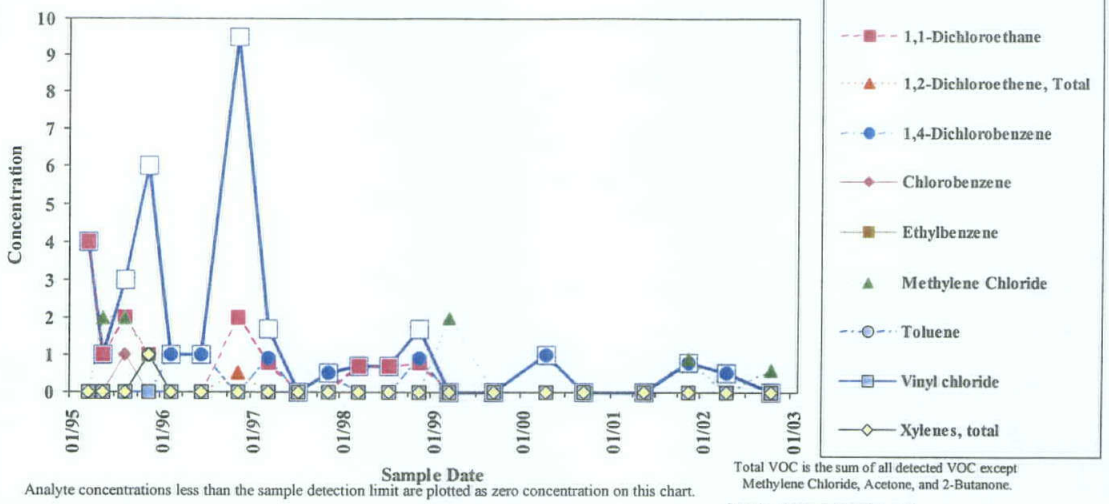
Sample Location:

MW-218

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

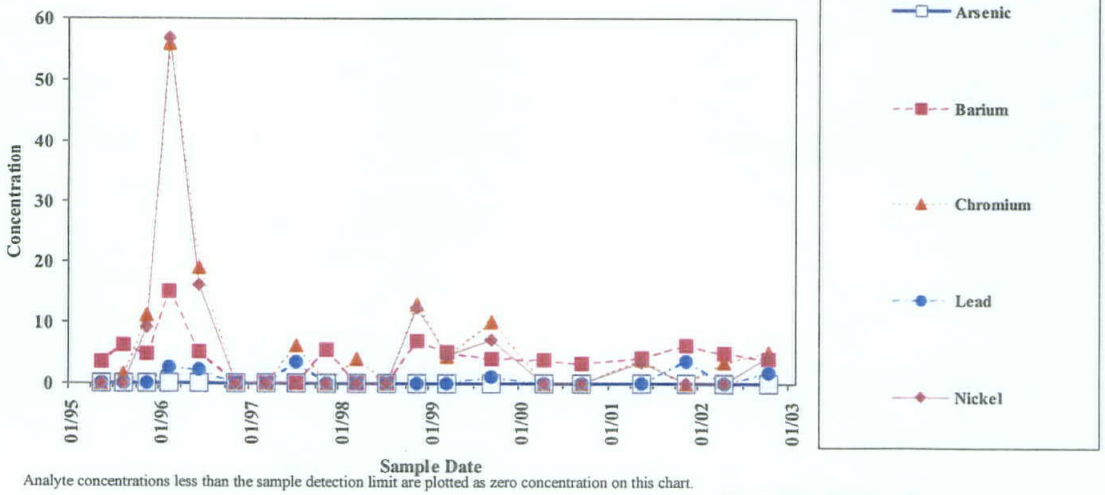
Sample Location:

MW-219

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

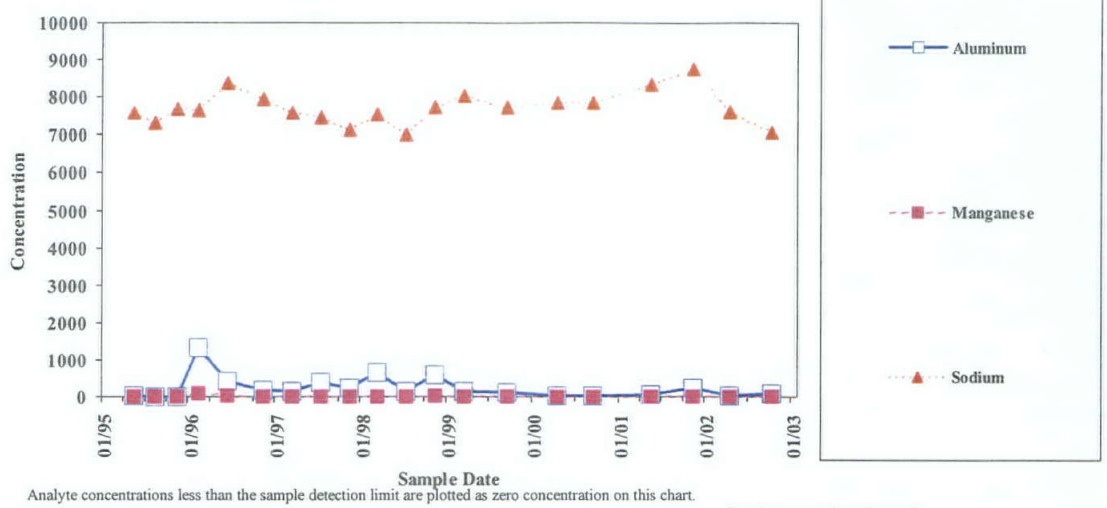
Sample Location:

MW-219

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

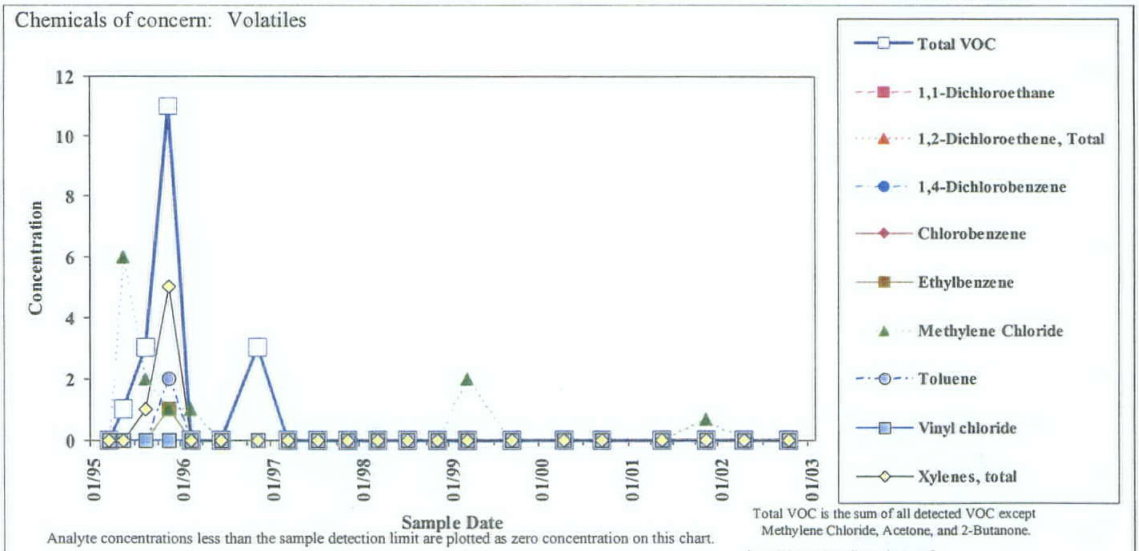
Sample Location:

MW-219

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

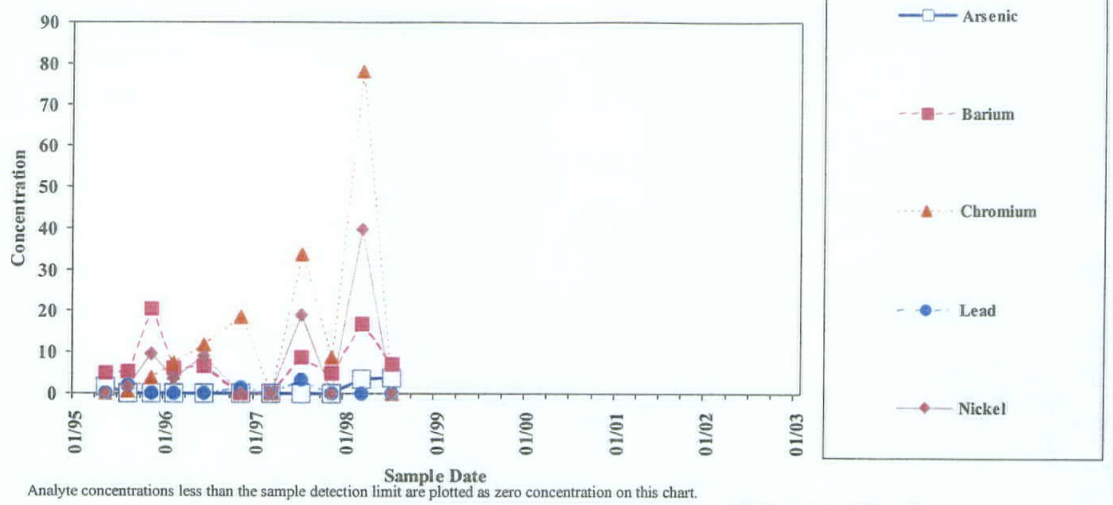
Sample Location:

MW-220

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

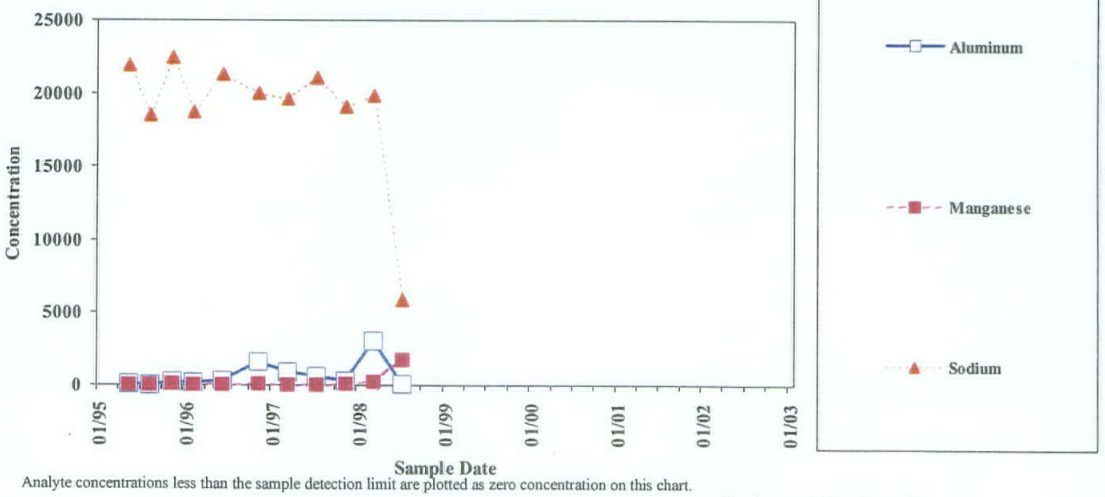
Sample Location:

MW-220

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

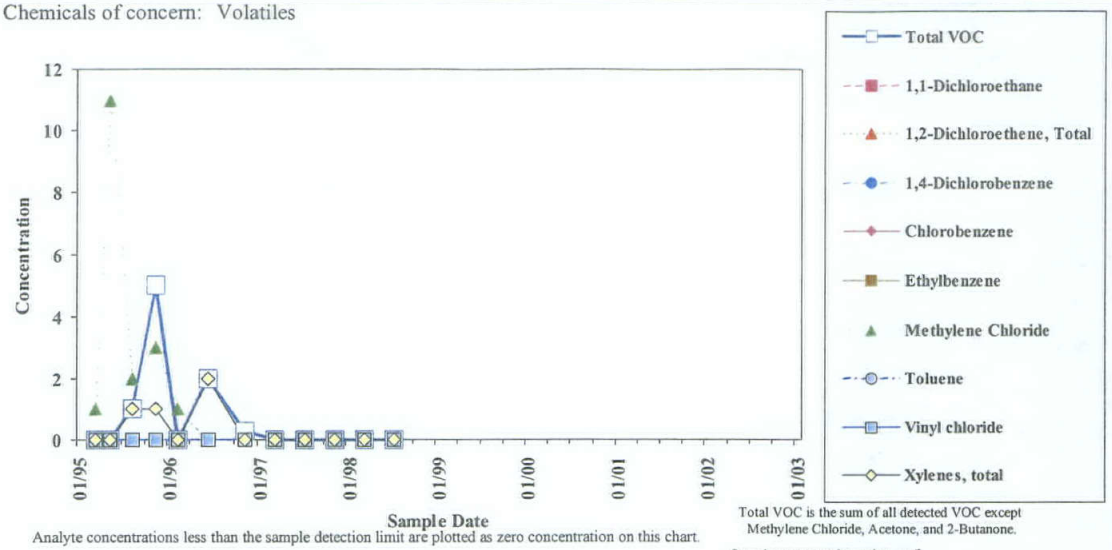
Sample Location:

MW-220

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

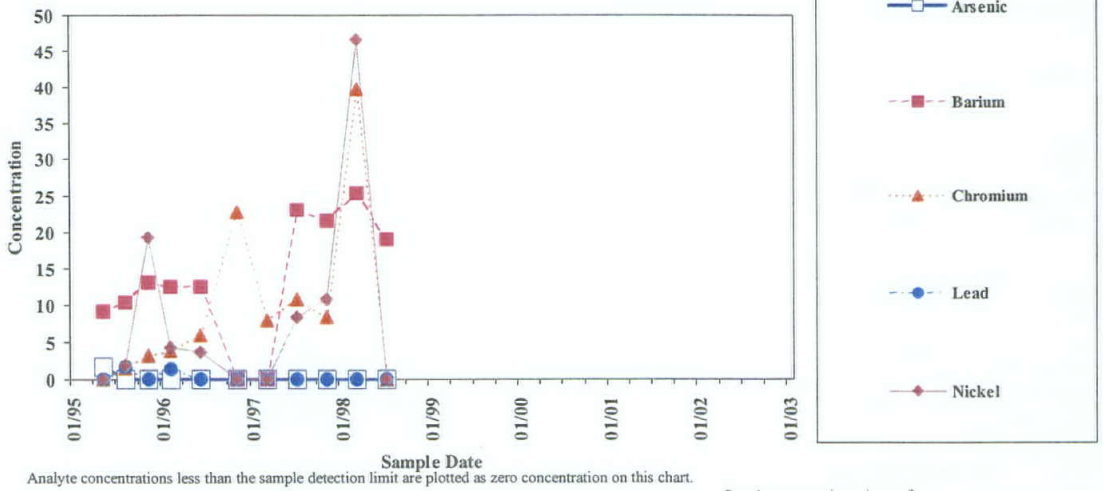
Sample Location:

MW-232A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

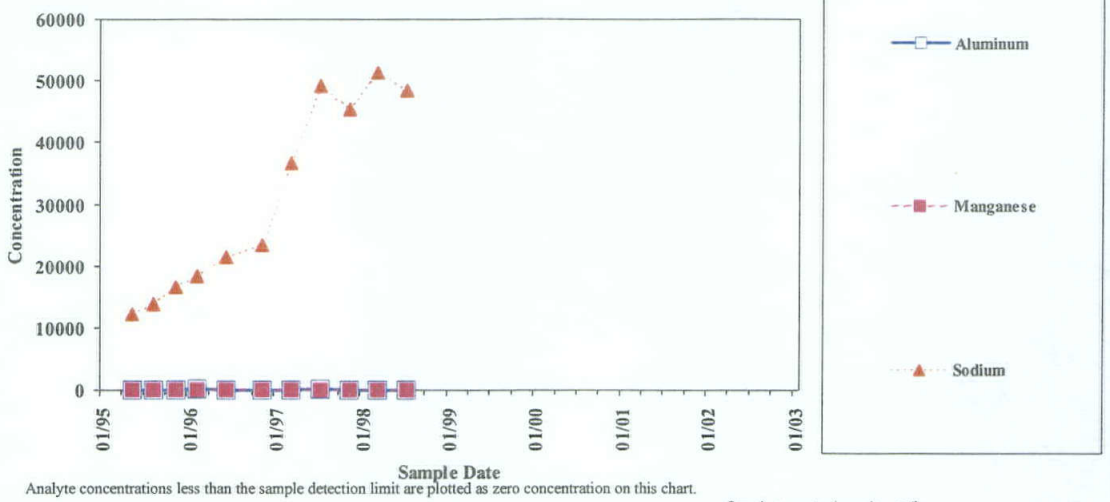
Sample Location:

MW-232A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

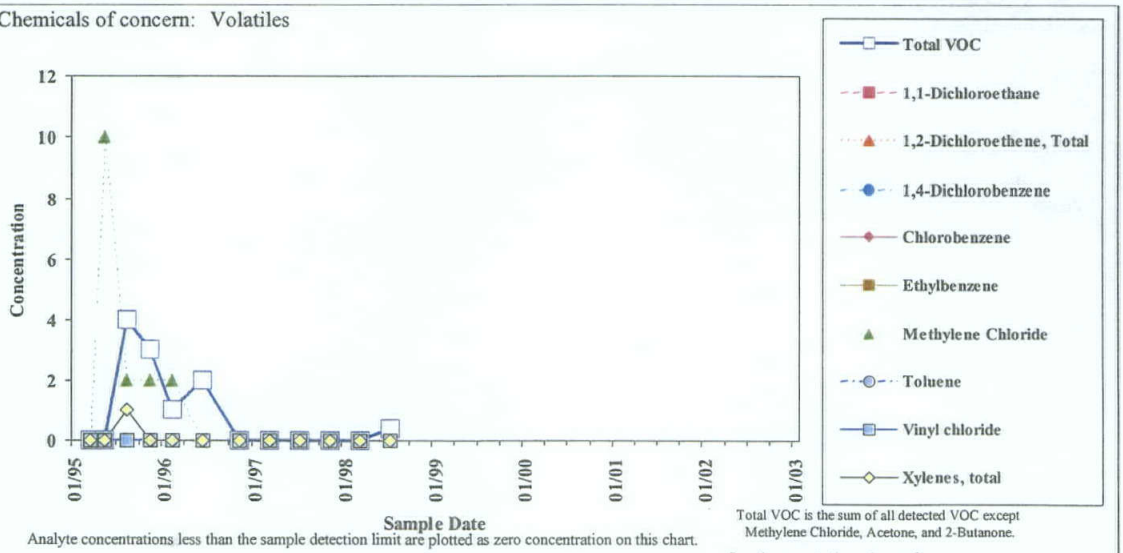
Sample Location:

MW-232A

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

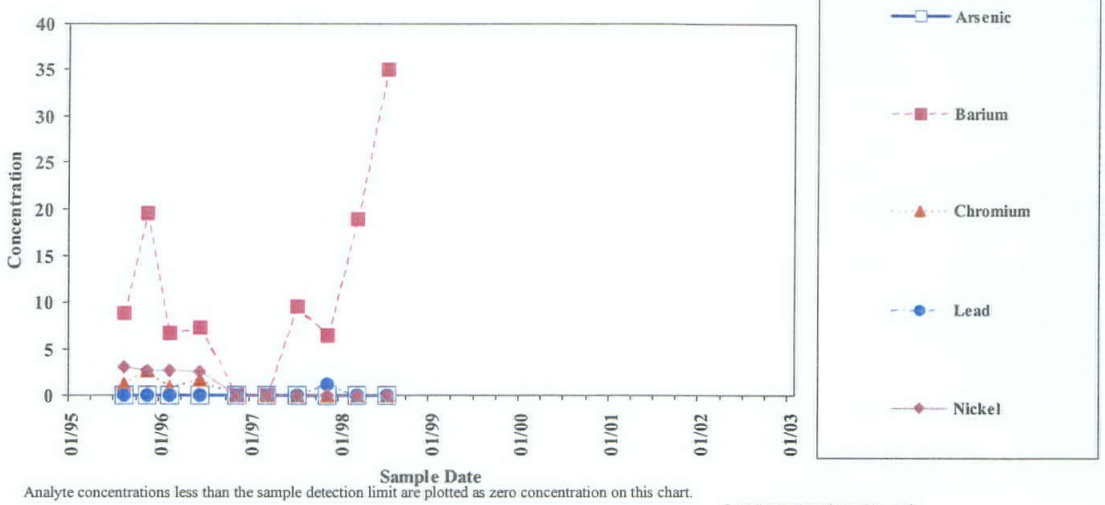
Sample Location:

MW-234R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

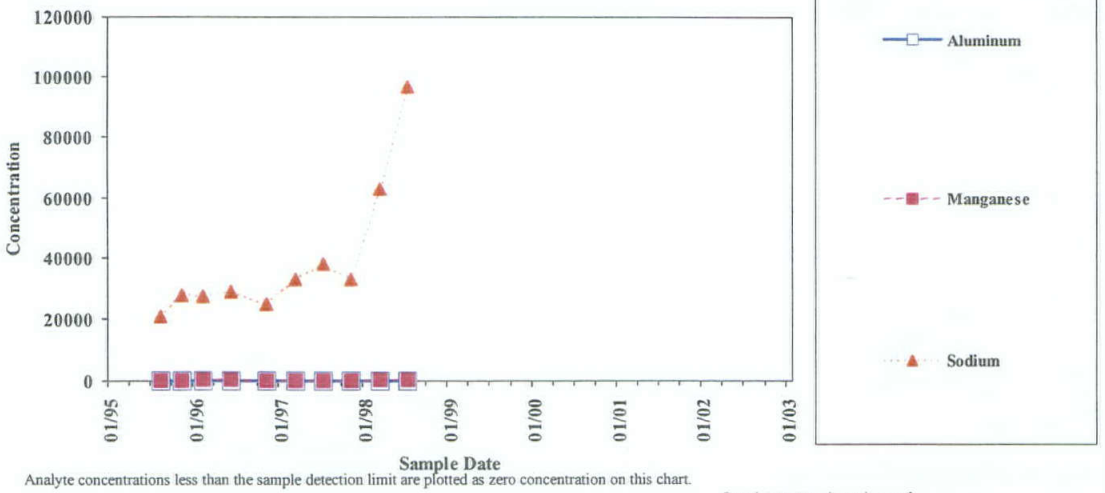
Sample Location:

MW-234R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

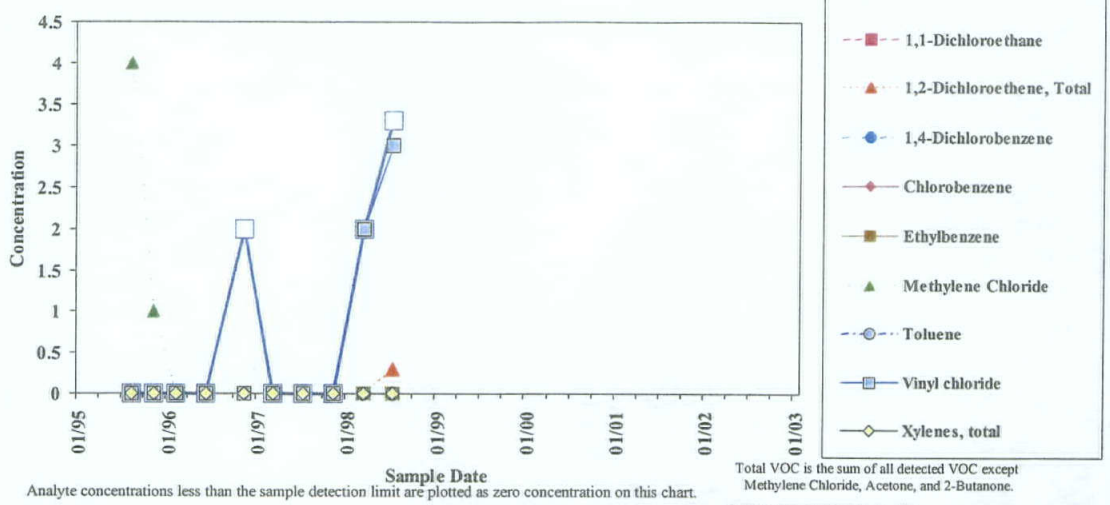
Sample Location:

MW-234R

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

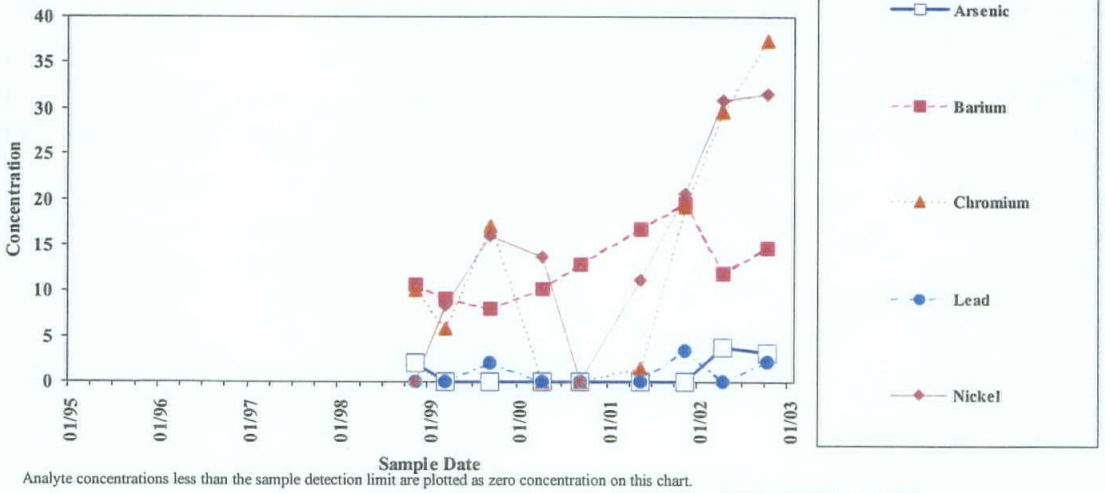
Sample Location:

MW-240

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

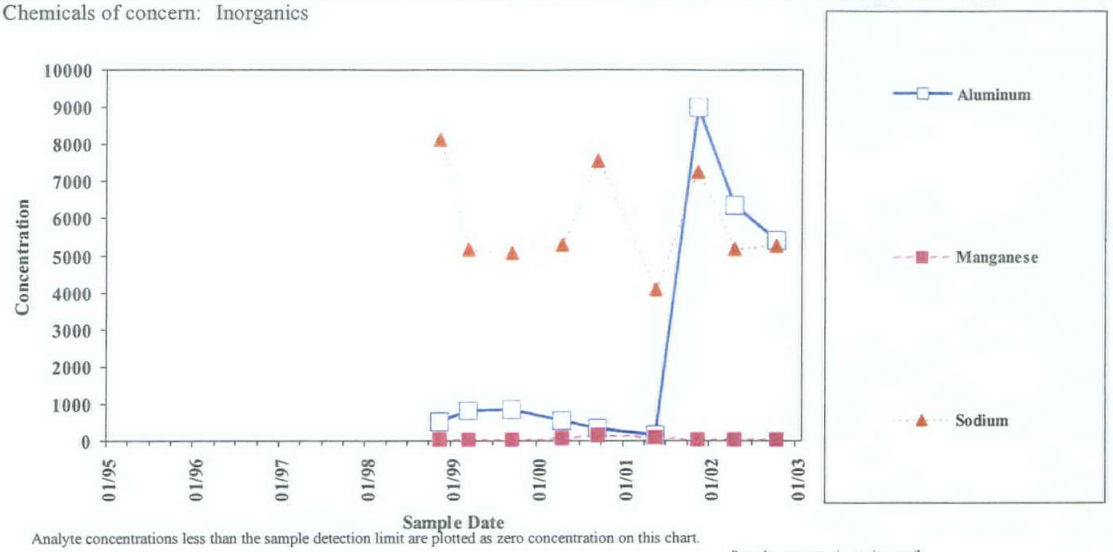
Sample Location:

MW-240

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

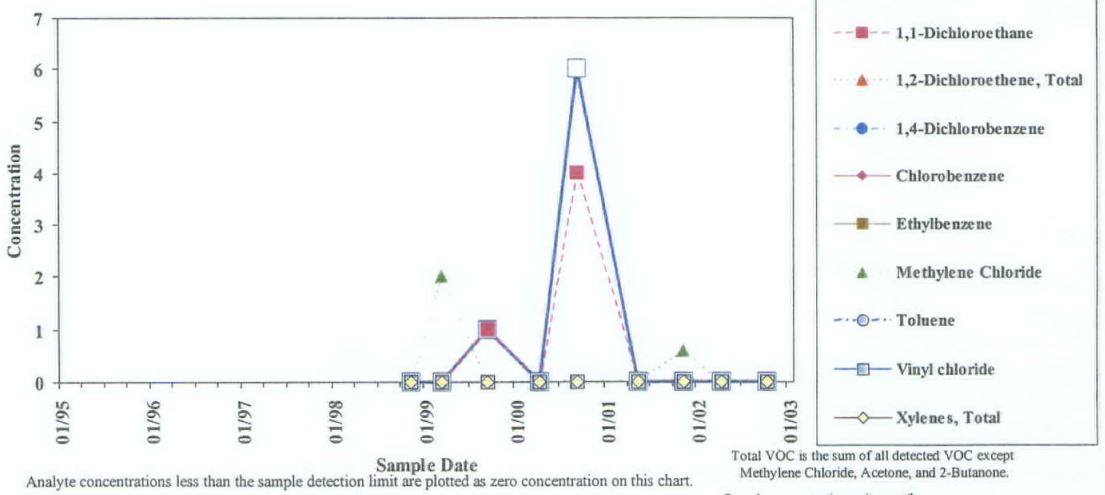
Sample Location:

MW-240

Low-flow Sample

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

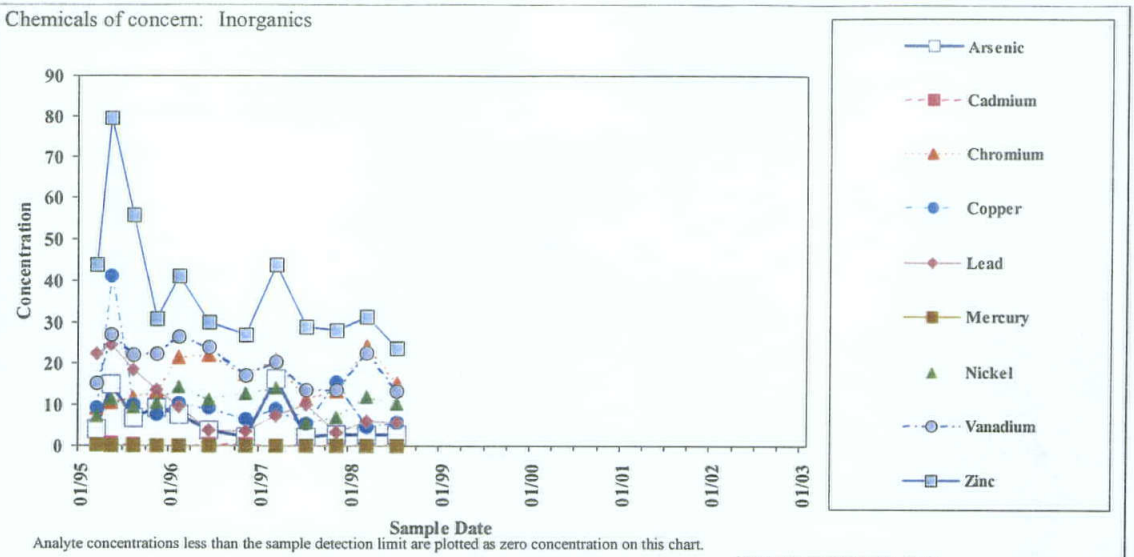
Xylenes, total	
MEG:	600
MCL:	10000

Sample Location:

SED-01

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

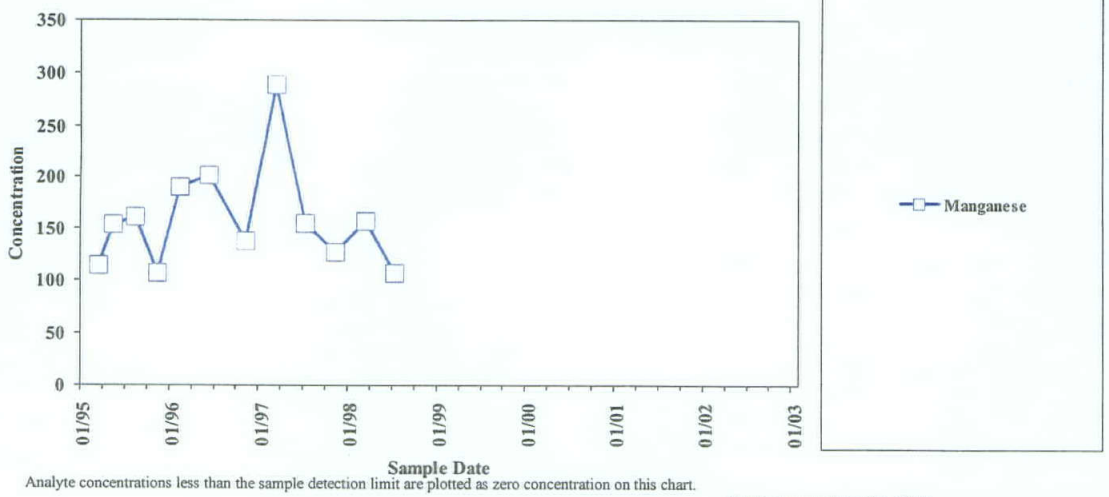
Sample concentration units: mg/Kg

Sample Location:

SED-01

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

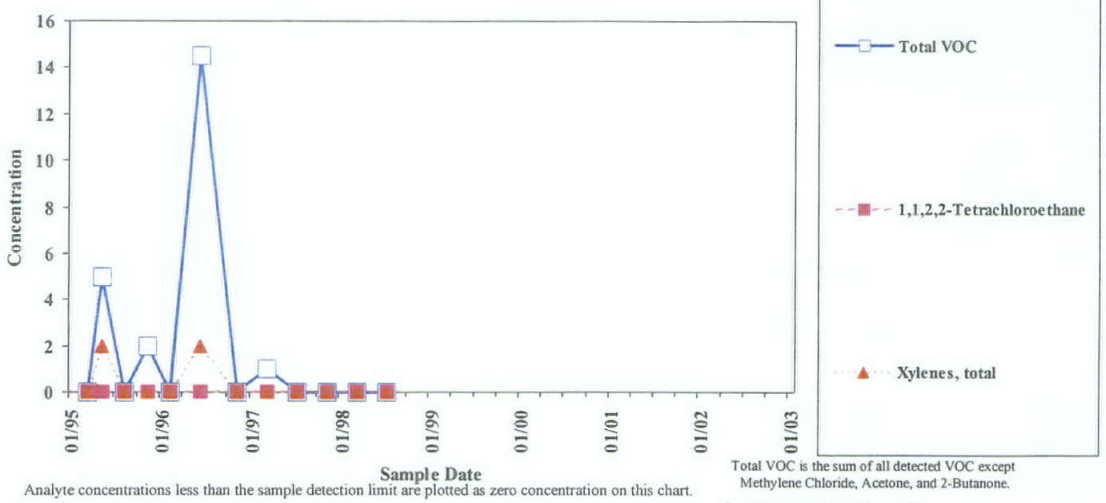
Sample concentration units: mg/Kg

Sample Location:

SED-01

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

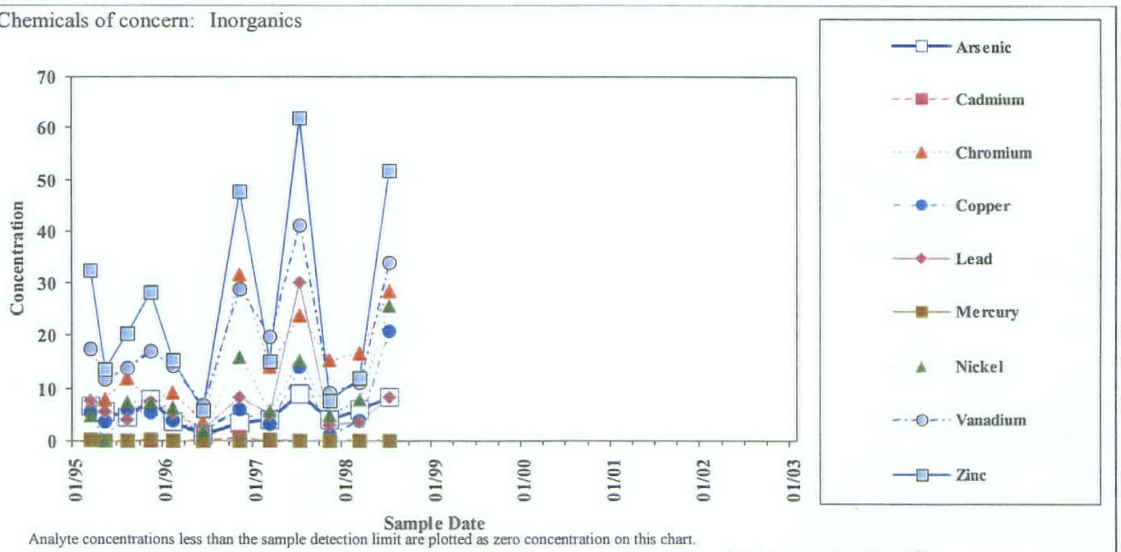
Sample concentration units: µg/Kg

Sample Location:

SED-02

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

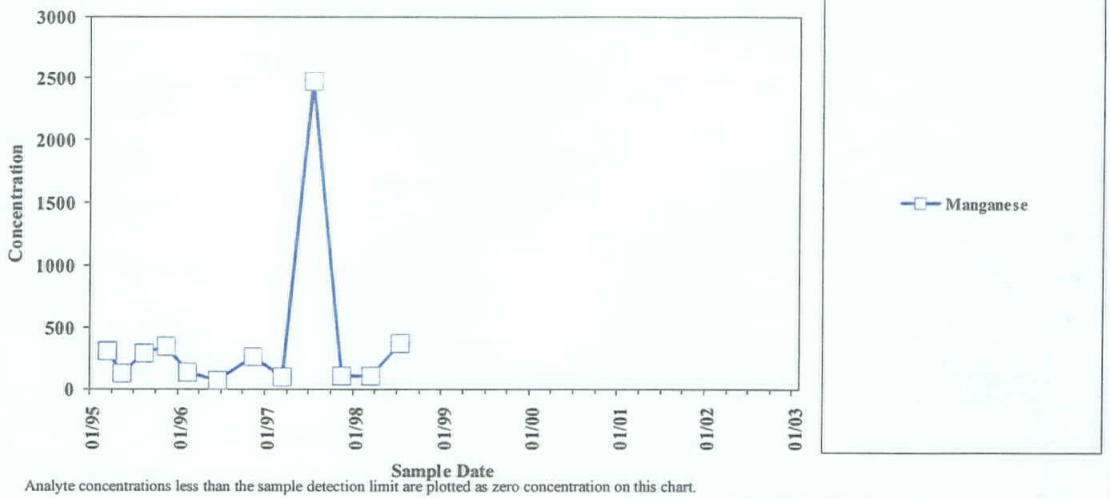
Sample concentration units: mg/Kg

Sample Location:

SED-02

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

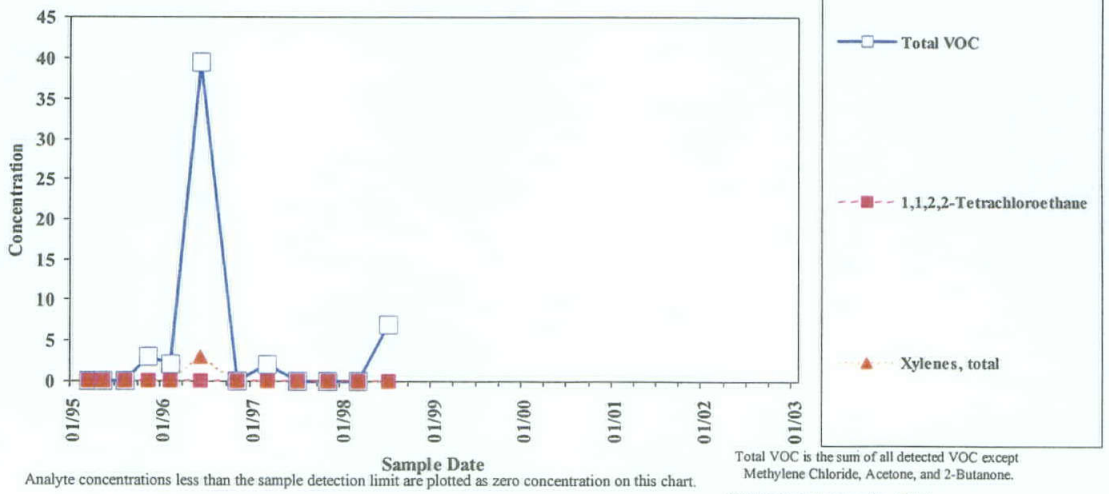
Sample concentration units: mg/Kg

Sample Location:

SED-02

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

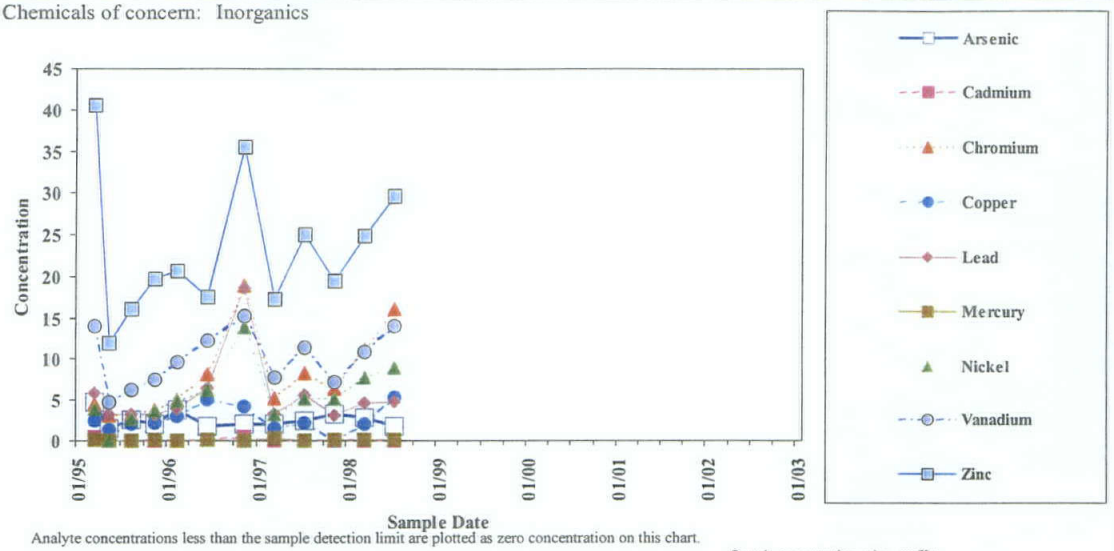
Sample concentration units: µg/Kg

Sample Location:

SED-03

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

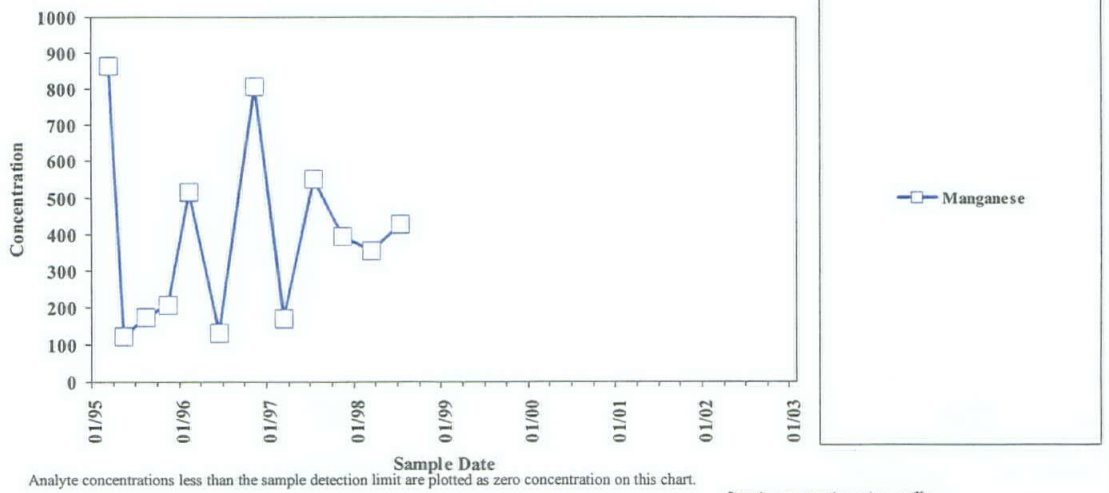
Sample concentration units: mg/Kg

Sample Location:

SED-03

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

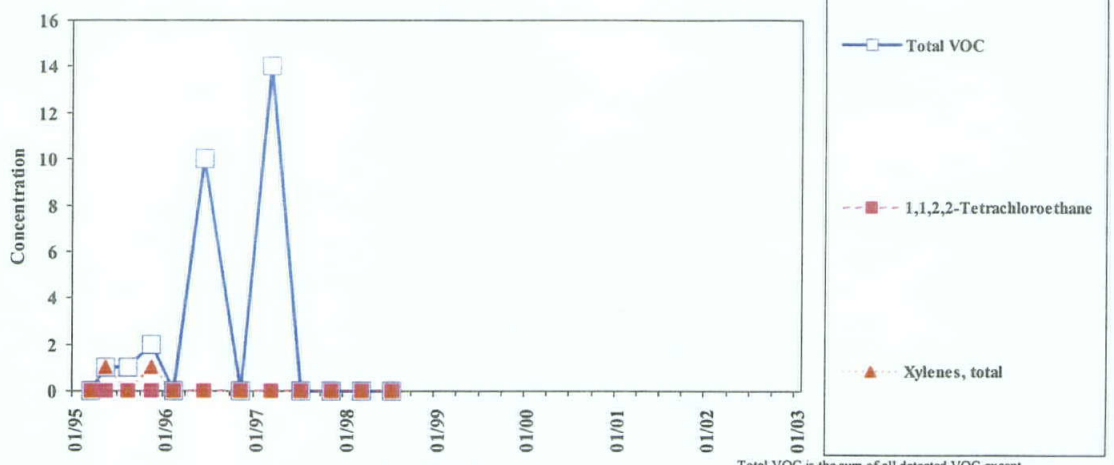
Sample concentration units: mg/Kg

Sample Location:

SED-03

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

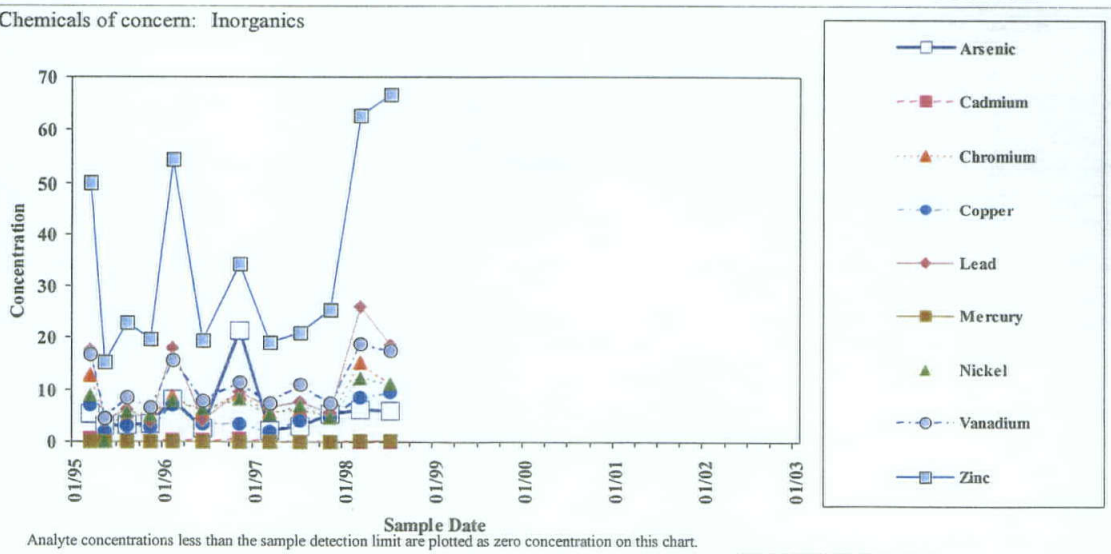
Sample concentration units: µg/Kg

Sample Location:

SED-04

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

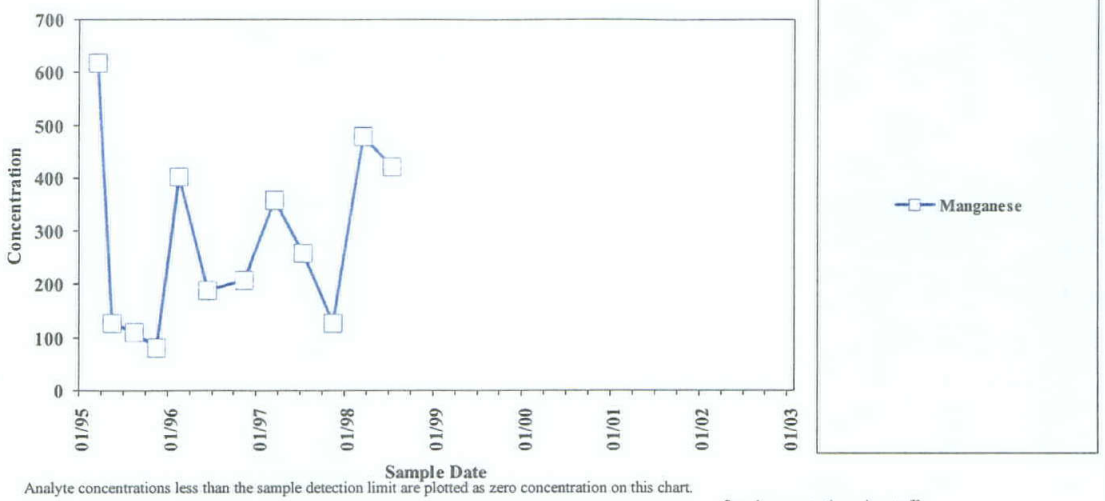
Sample concentration units: mg/Kg

Sample Location:

SED-04

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

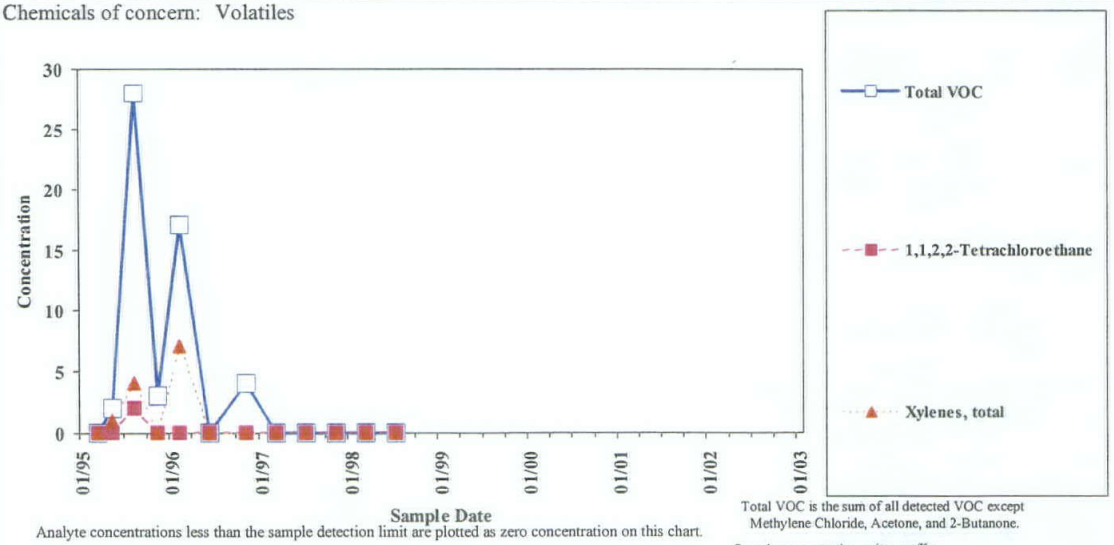
Sample concentration units: mg/Kg

Sample Location:

SED-04

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

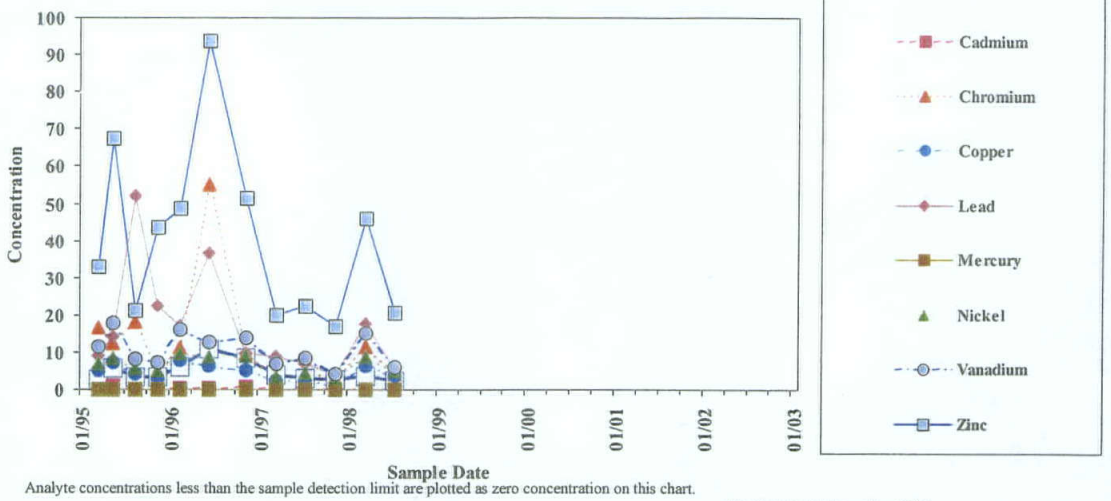
Sample concentration units: µg/Kg

Sample Location:

SED-05

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

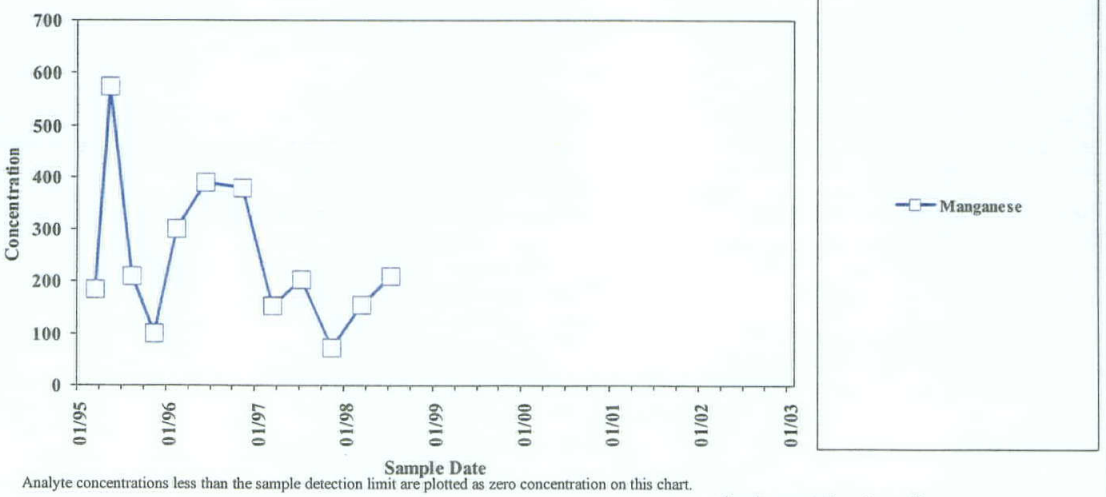
Sample concentration units: mg/Kg

Sample Location:

SED-05

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

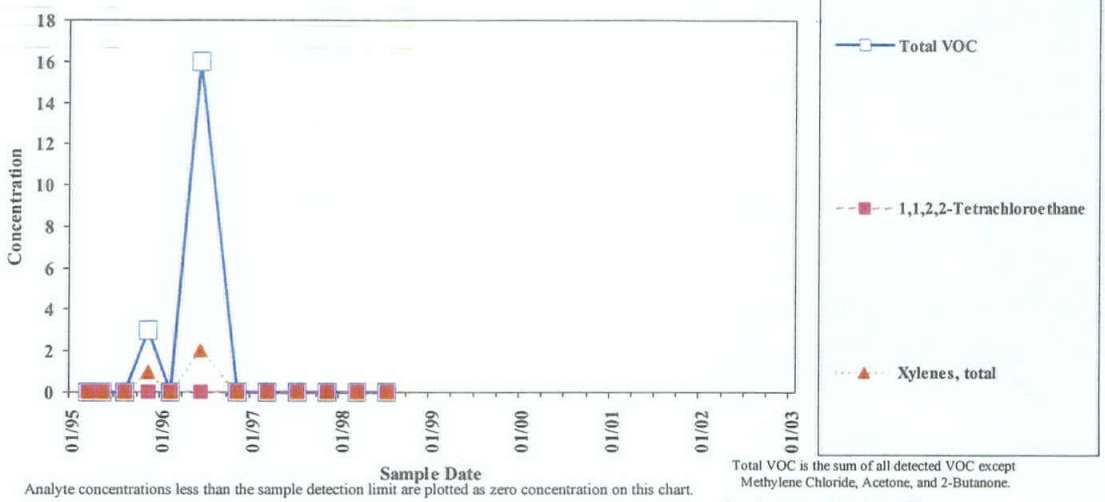
Sample concentration units: mg/Kg

Sample Location:

SED-05

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

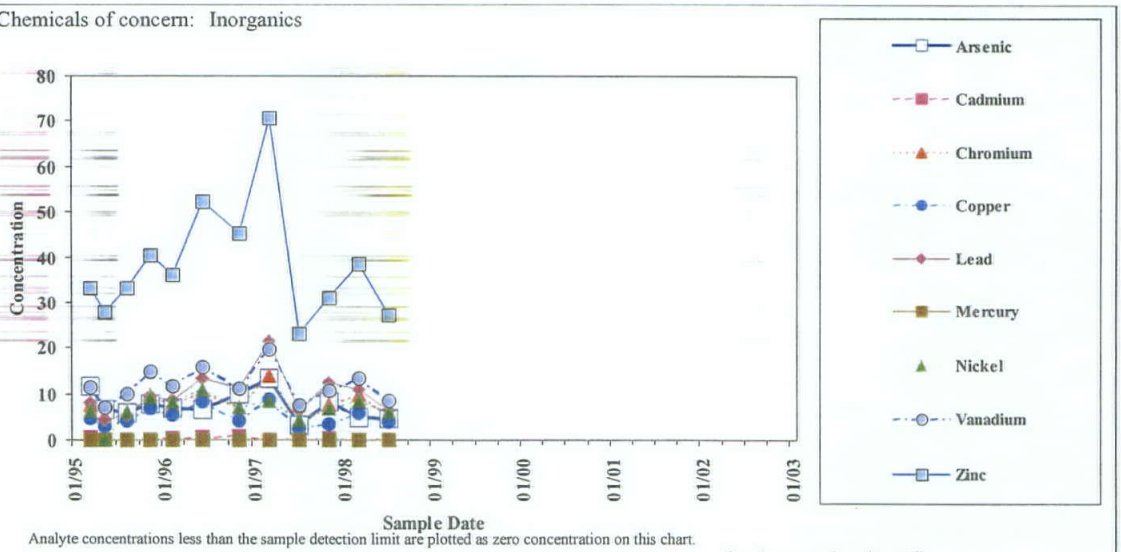
Sample concentration units: µg/Kg

Sample Location:

SED-06

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

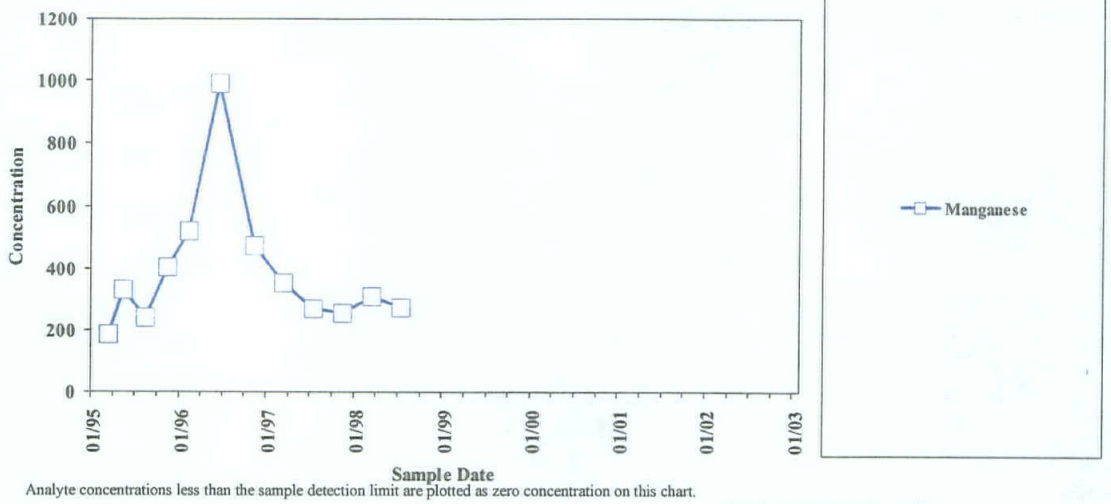
Sample concentration units: mg/Kg

Sample Location:

SED-06

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

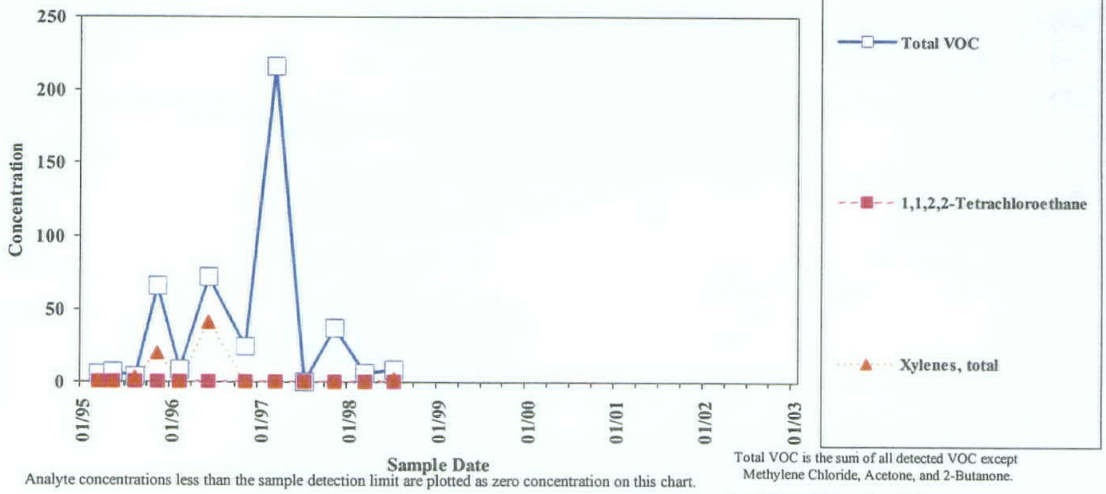
Sample concentration units: mg/Kg

Sample Location:

SED-06

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

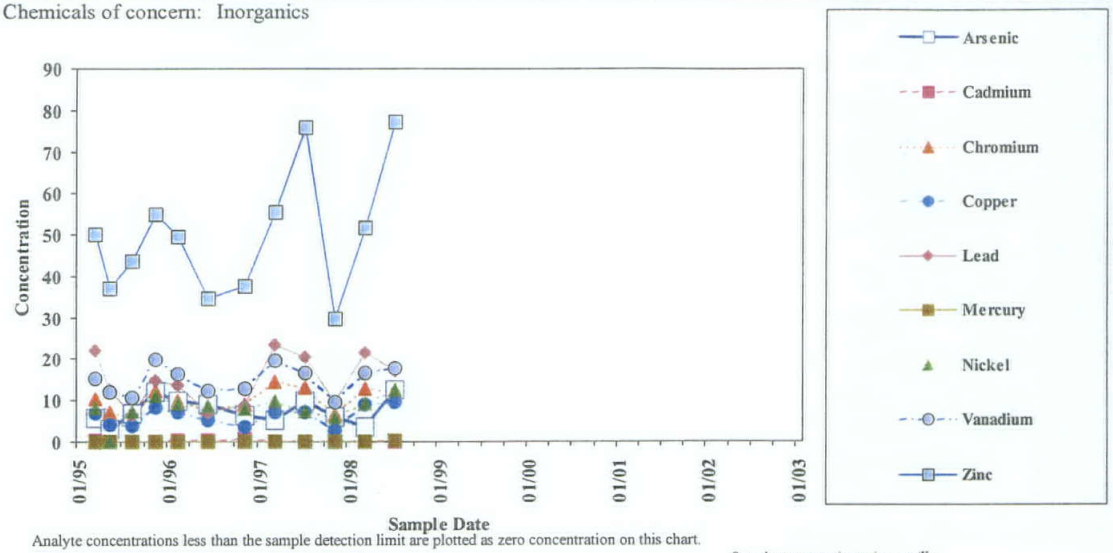
Sample concentration units: µg/Kg

Sample Location:

SED-07

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

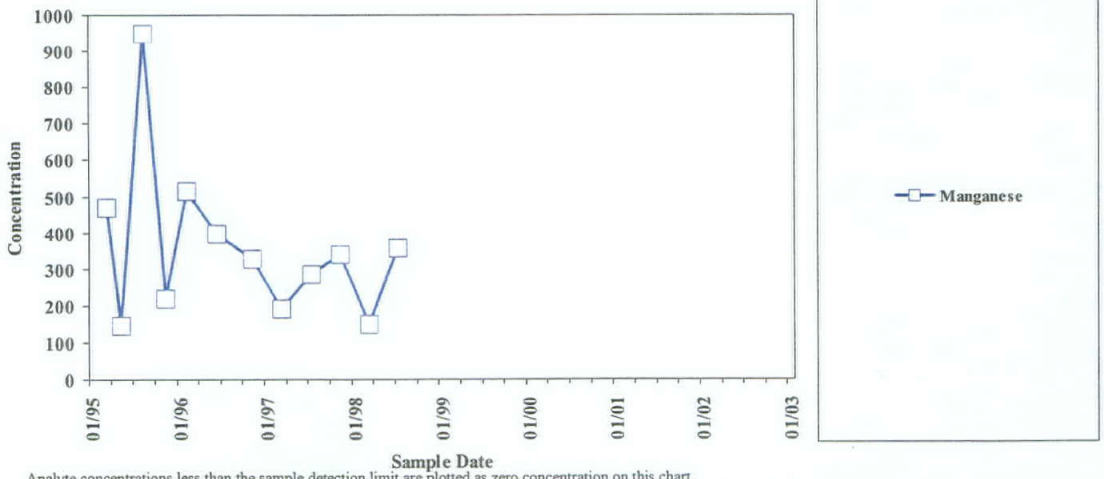
Sample concentration units: mg/Kg

Sample Location:

SED-07

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

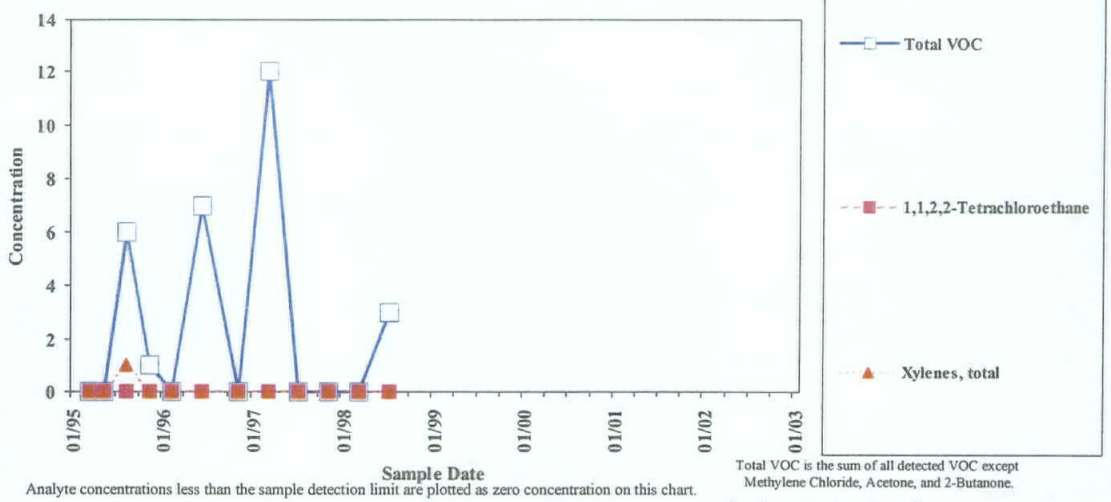
Sample concentration units: mg/Kg

Sample Location:

SED-07

Sites 1 & 3
Sediment

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

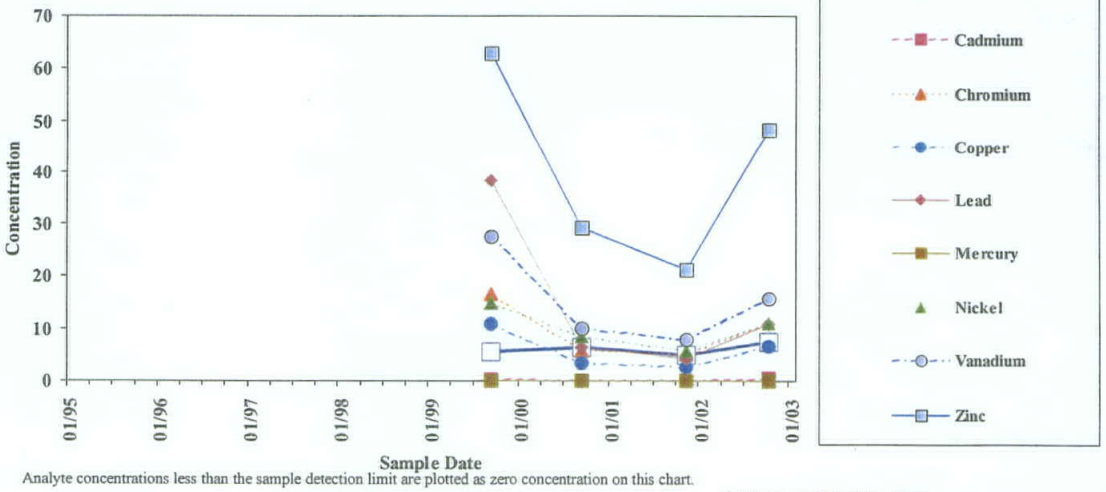
Sample concentration units: µg/Kg

Sample Location:

SED-09

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

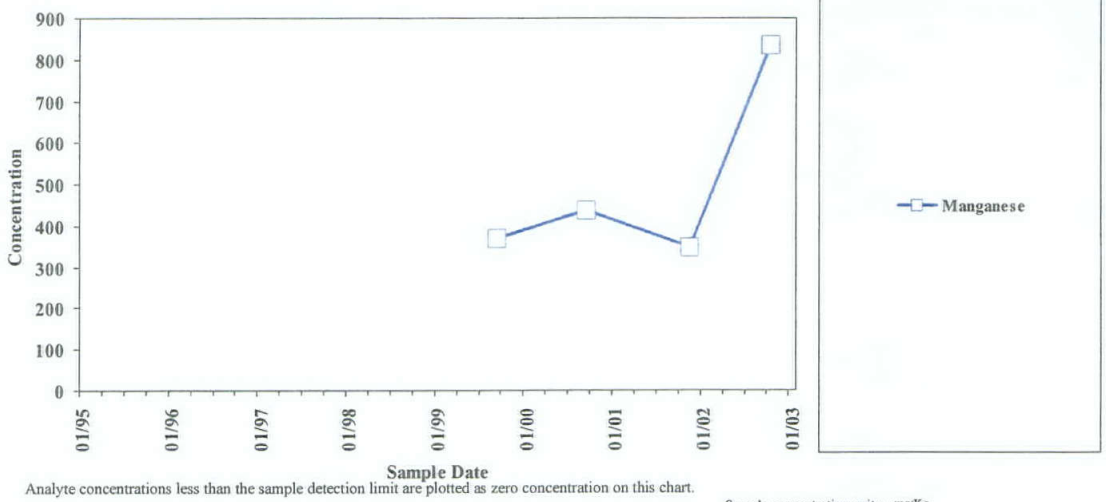
Sample concentration units: mg/Kg

Sample Location:

SED-09

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

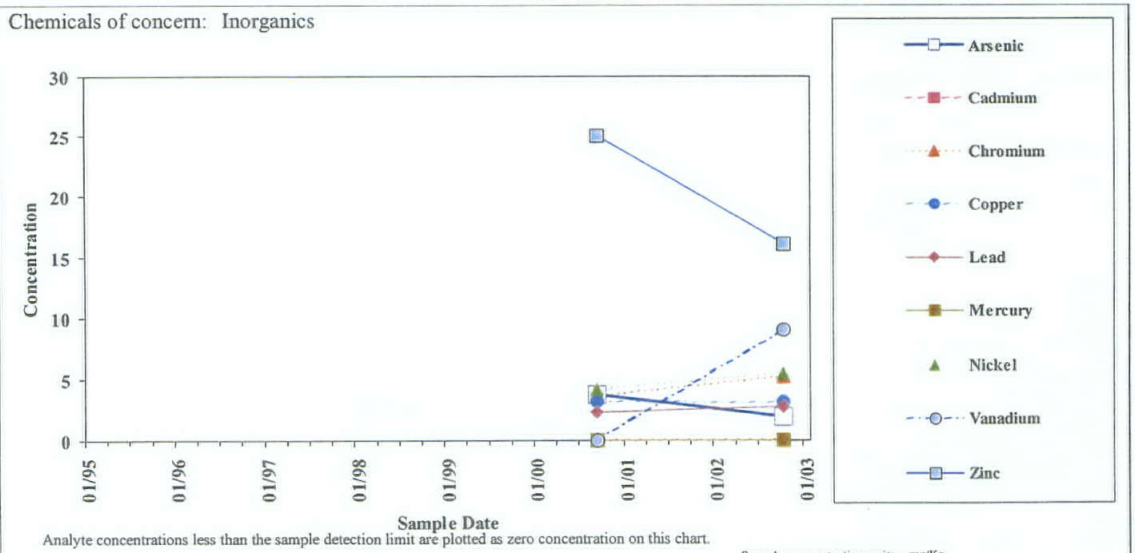
Sample concentration units: mg/Kg

Sample Location:

SED-15

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

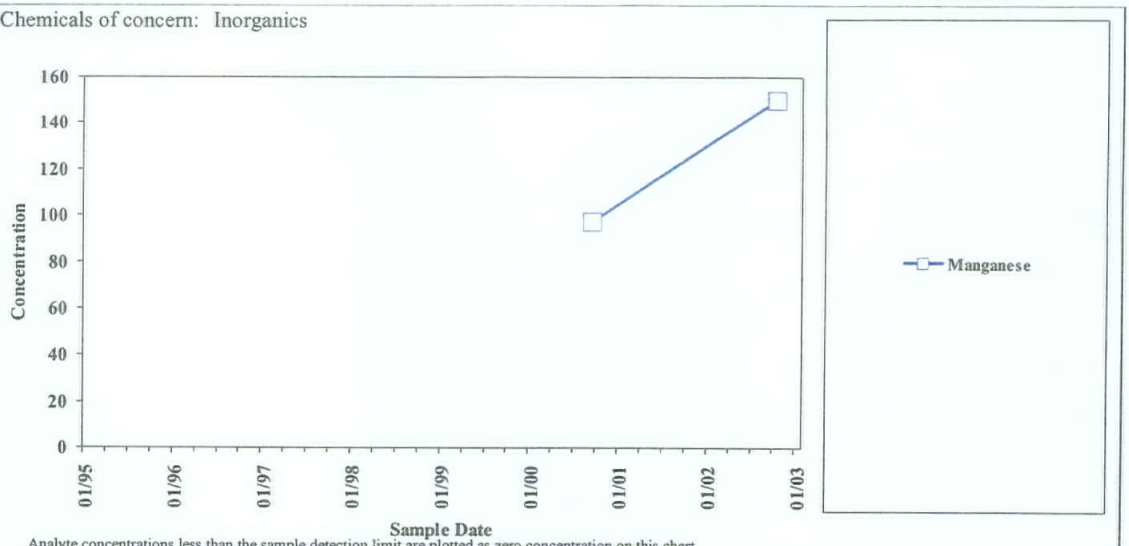
Sample concentration units: mg/Kg

Sample Location:

SED-15

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

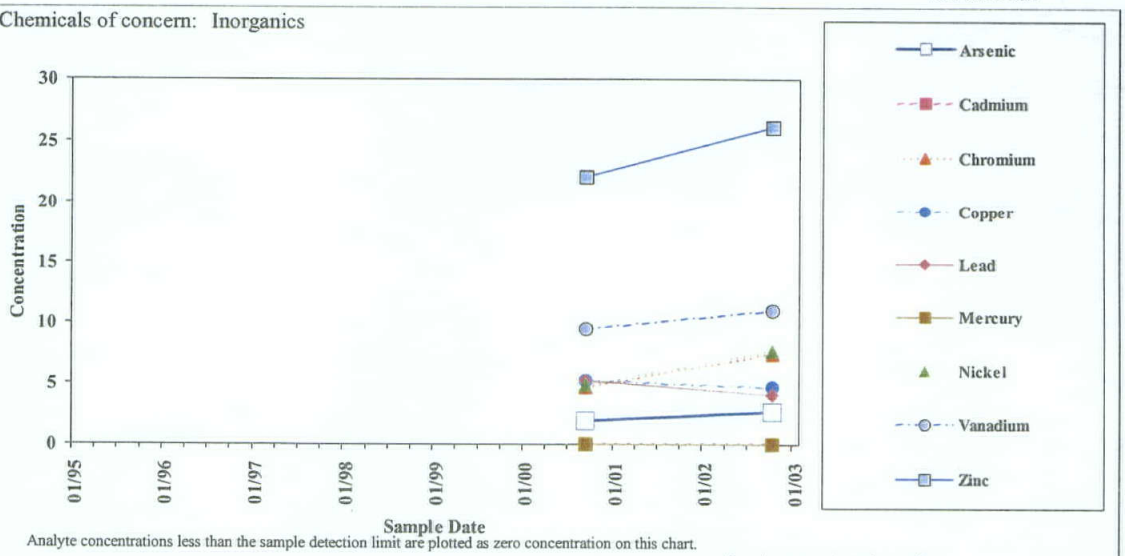
Sample concentration units: mg/Kg

Sample Location:

SED-16

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

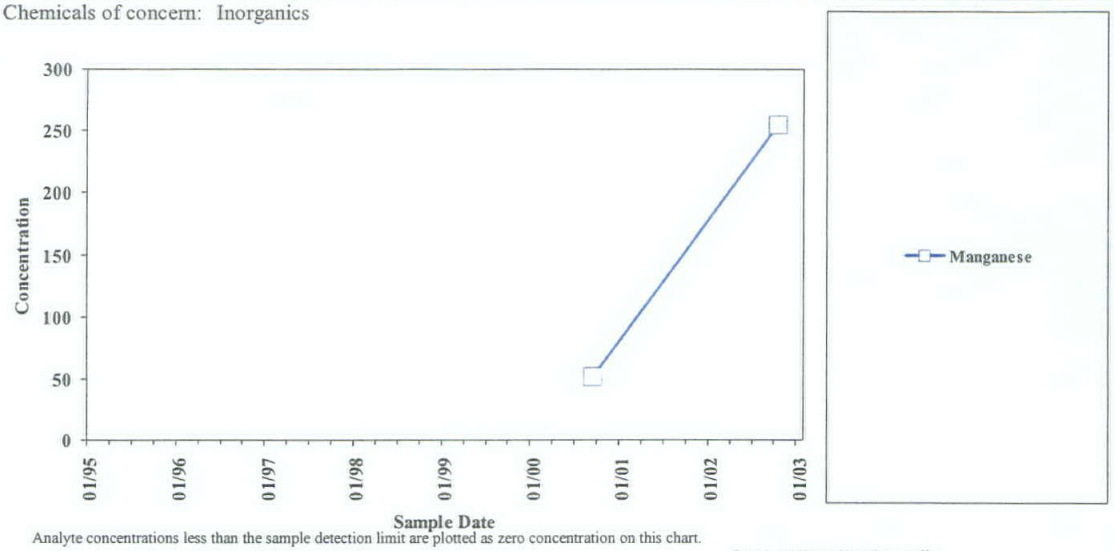
Sample concentration units: mg/Kg

Sample Location:

SED-16

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

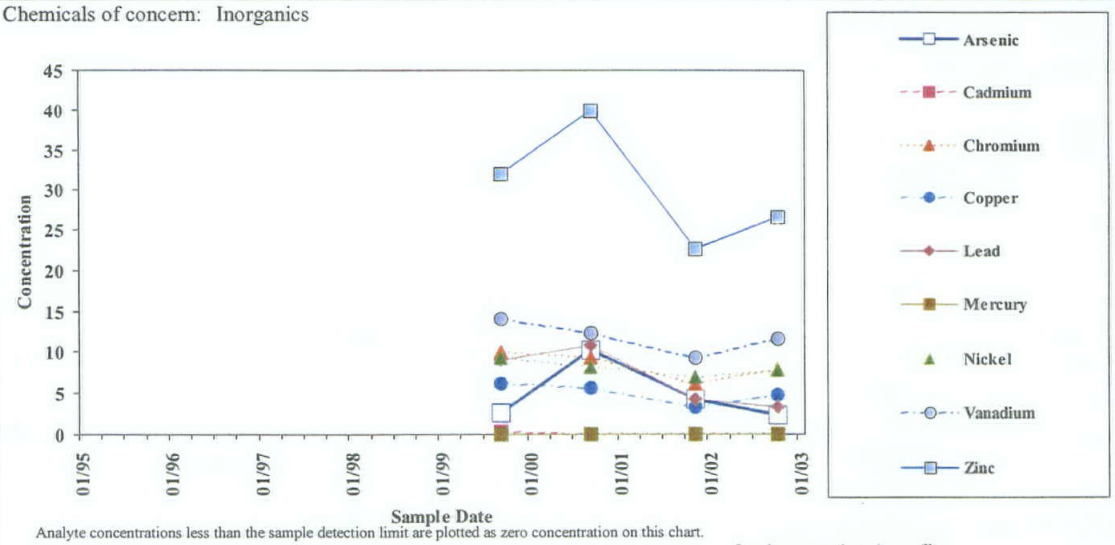
Sample concentration units: mg/Kg

Sample Location:

SED-17

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

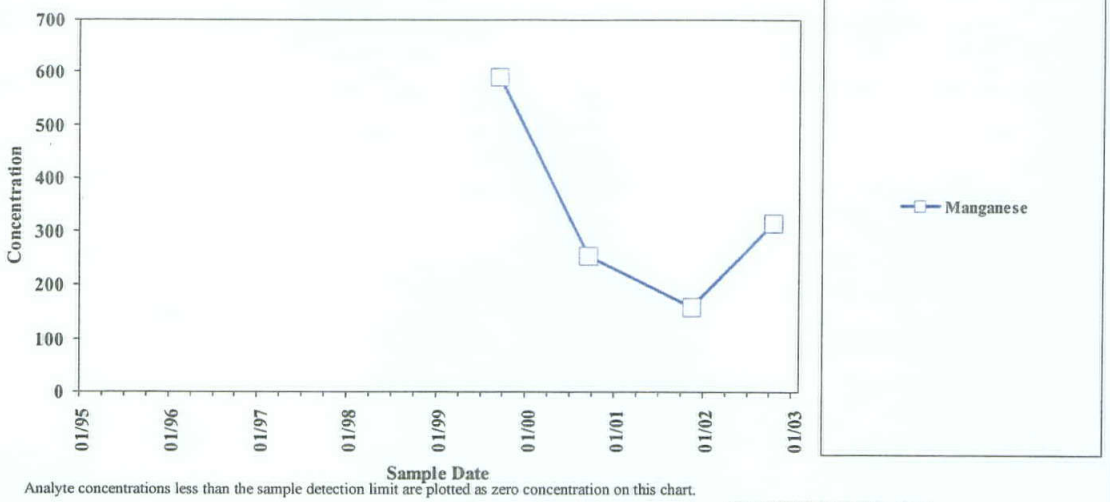
Sample concentration units: mg/Kg

Sample Location:

SED-17

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

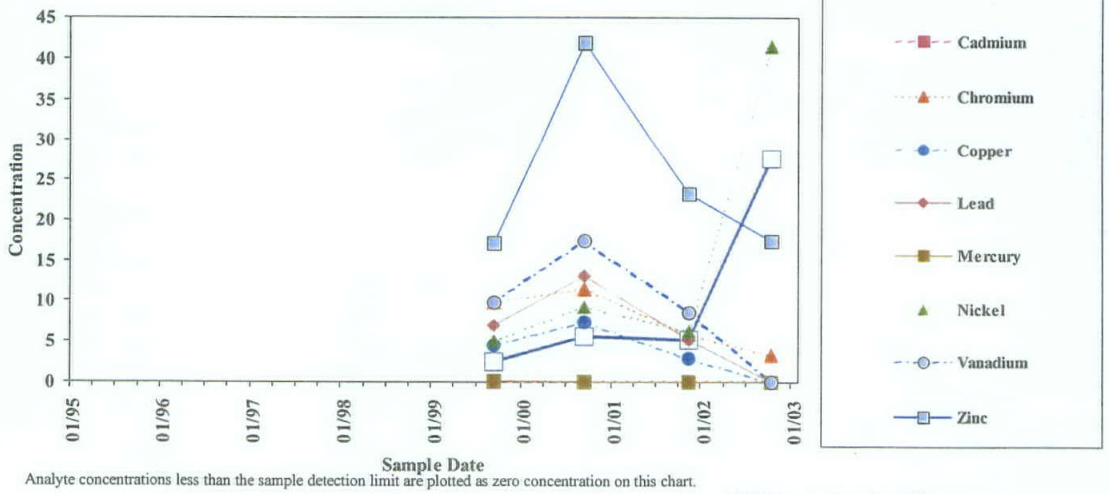
Sample concentration units: mg/Kg

Sample Location:

SED-18

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

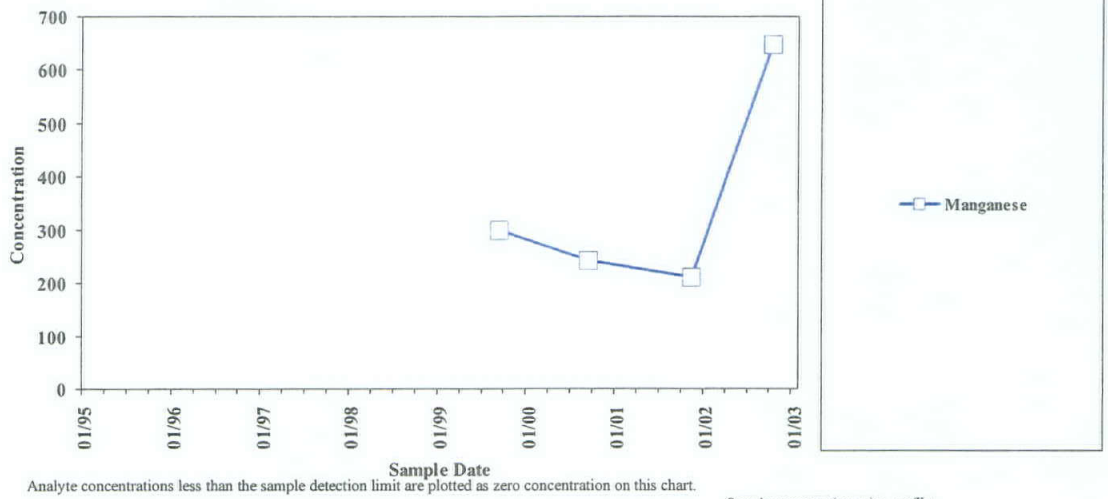
Sample concentration units: mg/Kg

Sample Location:

SED-18

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

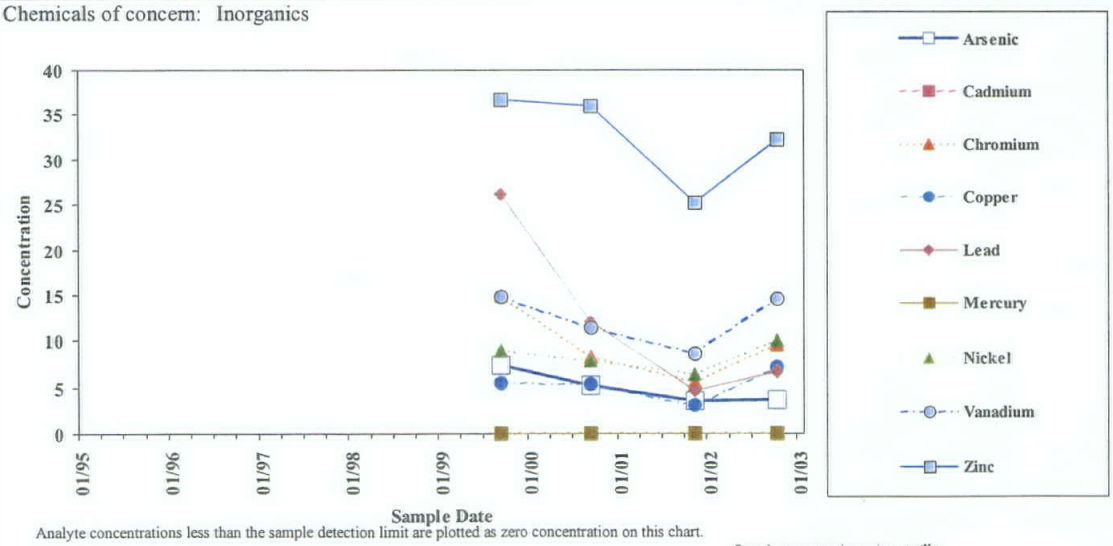
Sample concentration units: mg/Kg

Sample Location:

SED-19

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

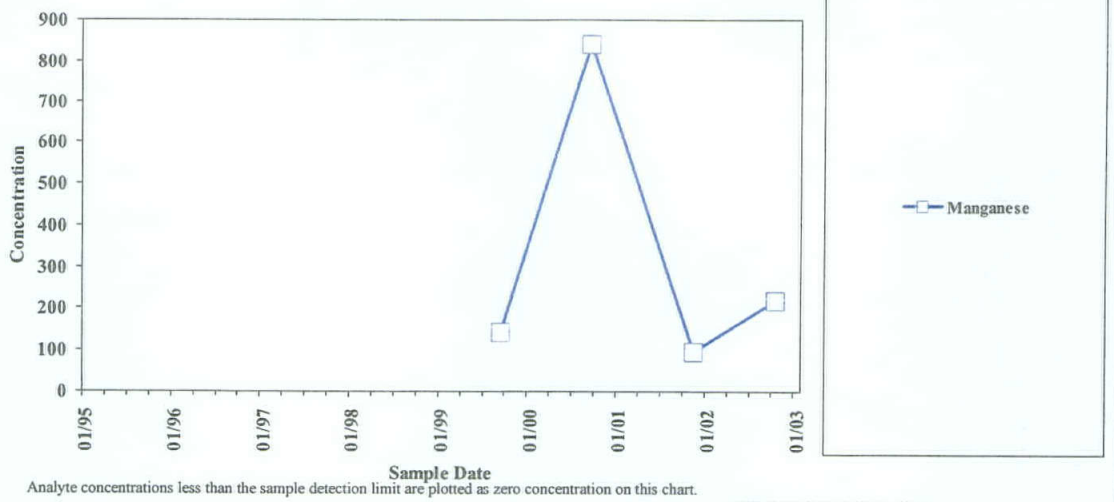
Sample concentration units: mg/Kg

Sample Location:

SED-19

Sites 1 & 3
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

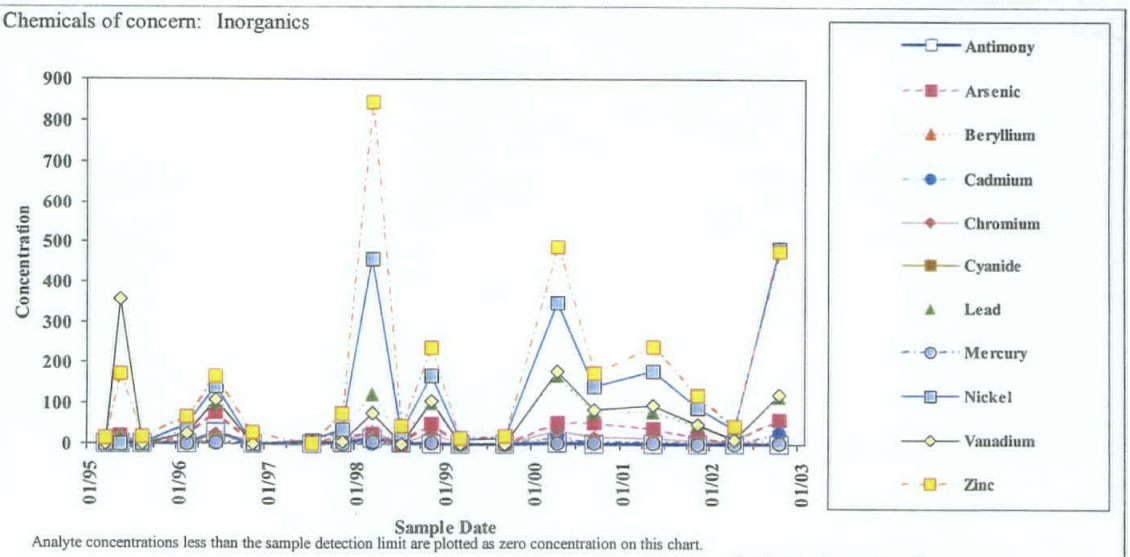
Sample concentration units: mg/Kg

Sample Location:

SEEP-01

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

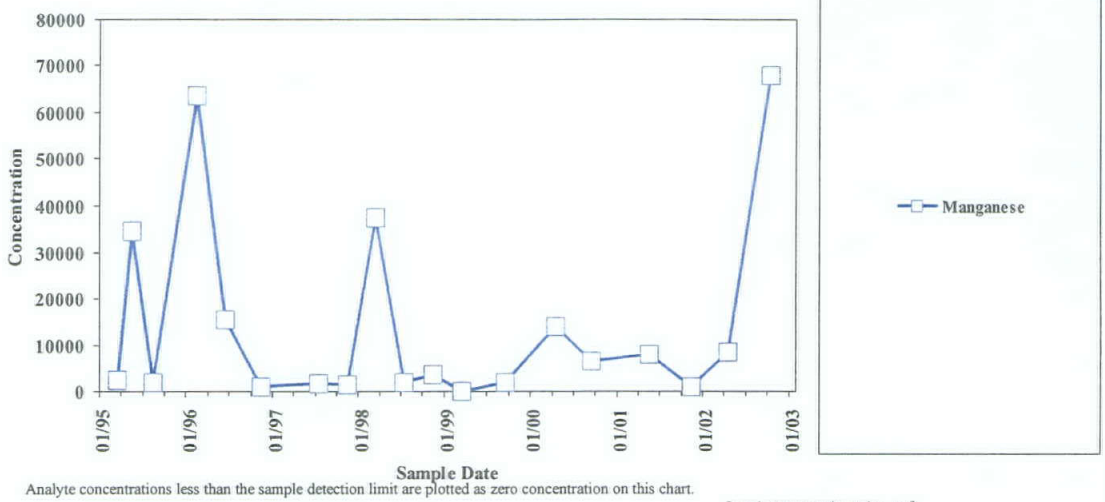
Sample concentration units: µg/L

Sample Location:

SEEP-01

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

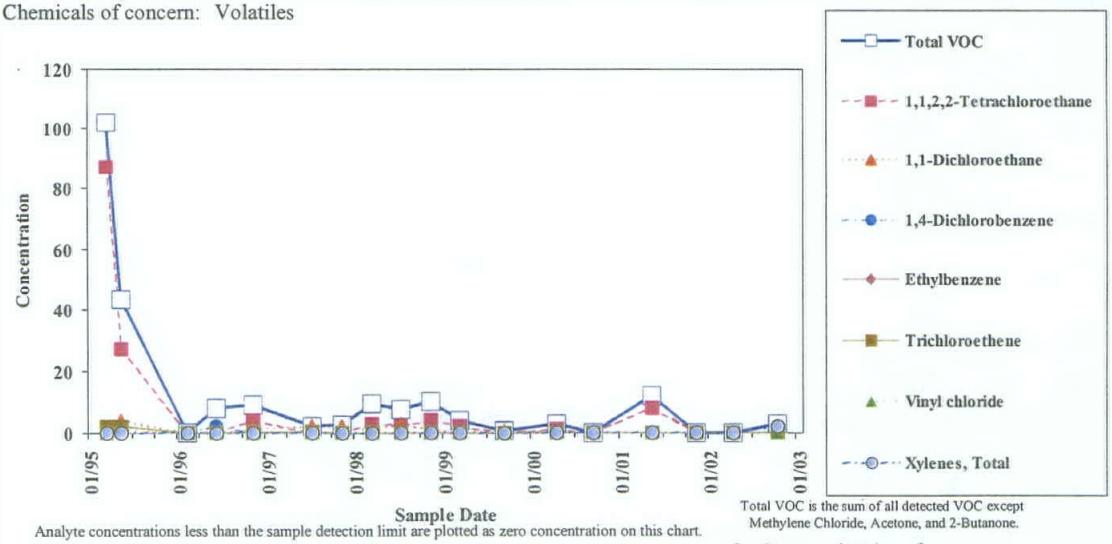
Sample concentration units: µg/L

Sample Location:

SEEP-01

Sites 1 & 3
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

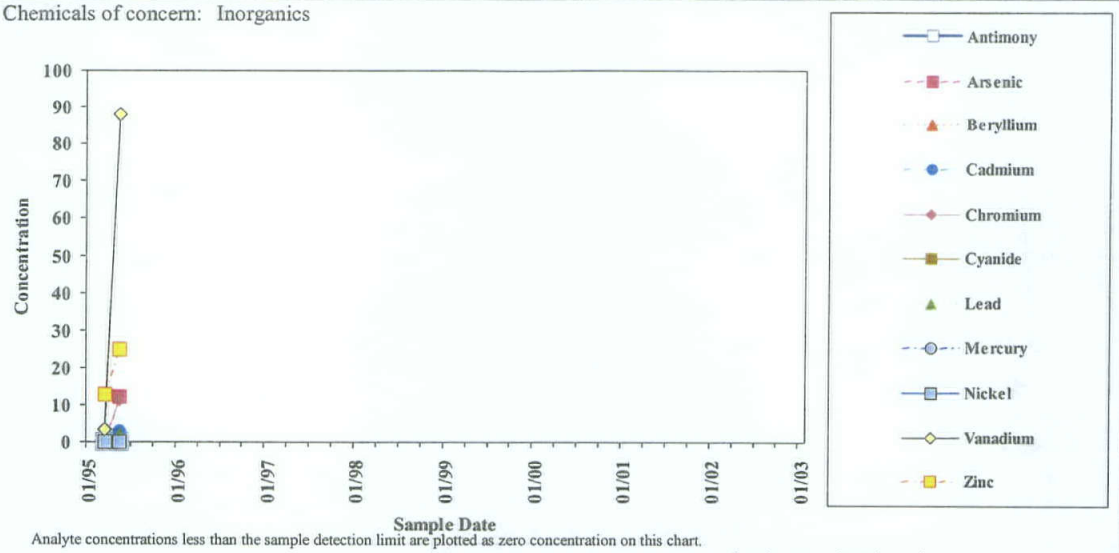
Sample concentration units: µg/L

Sample Location:

SEEP-02

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

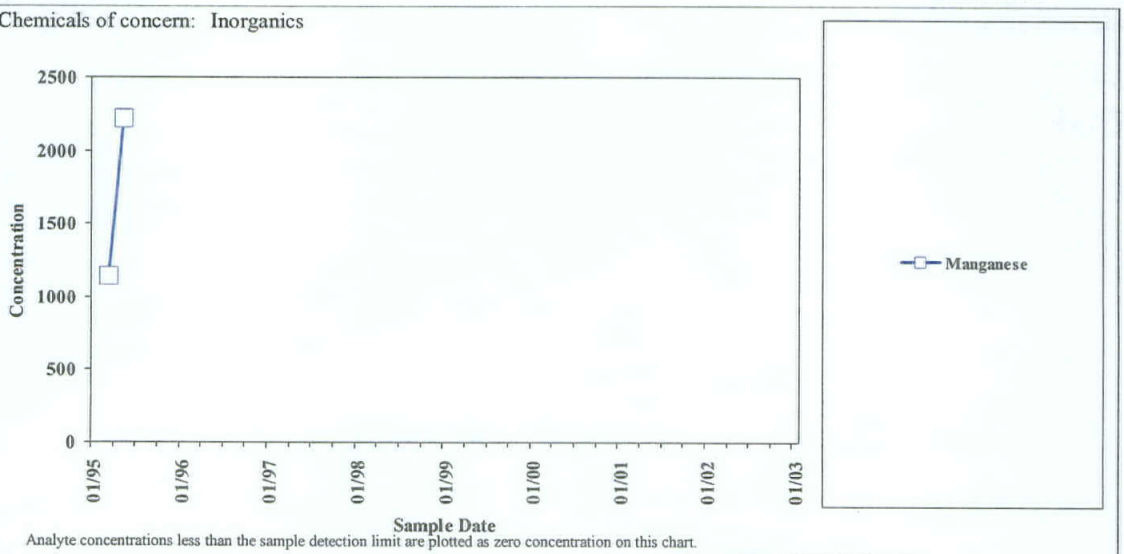
Sample concentration units: µg/L

Sample Location:

SEEP-02

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

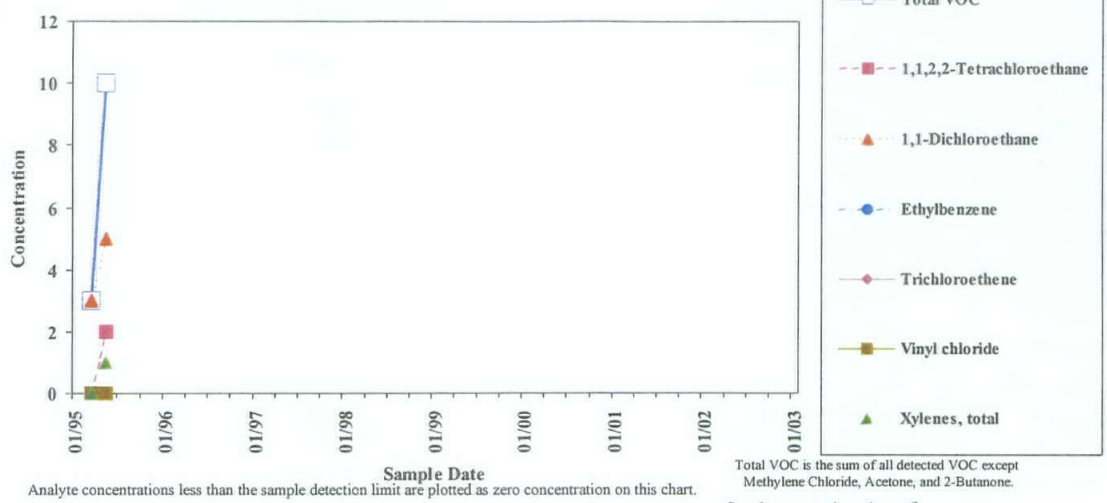
Sample concentration units: µg/L

Sample Location:

SEEP-02

Sites 1 & 3
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

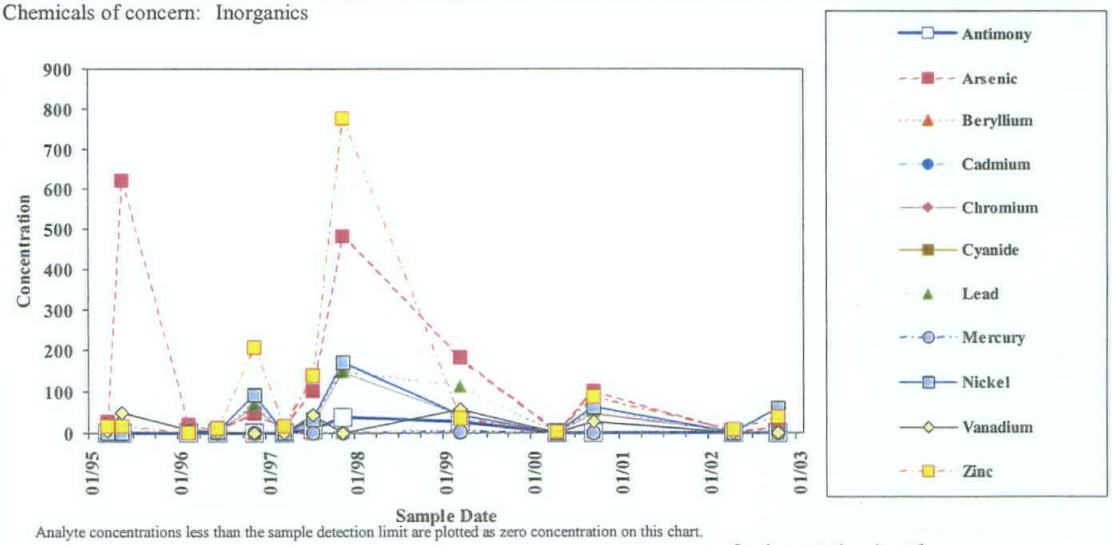
Sample concentration units: µg/L

Sample Location:

SEEP-03

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

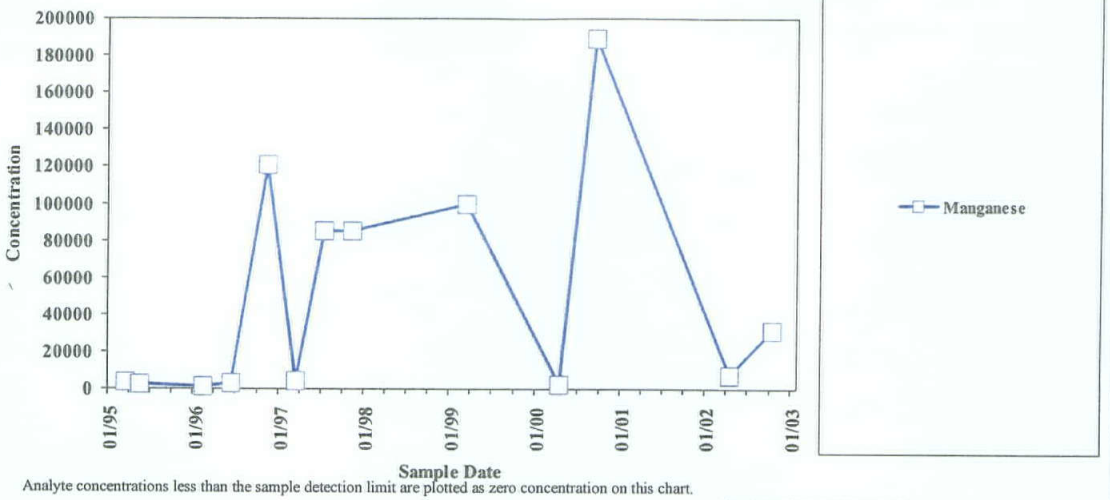
Sample concentration units: µg/L

Sample Location:

SEEP-03

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

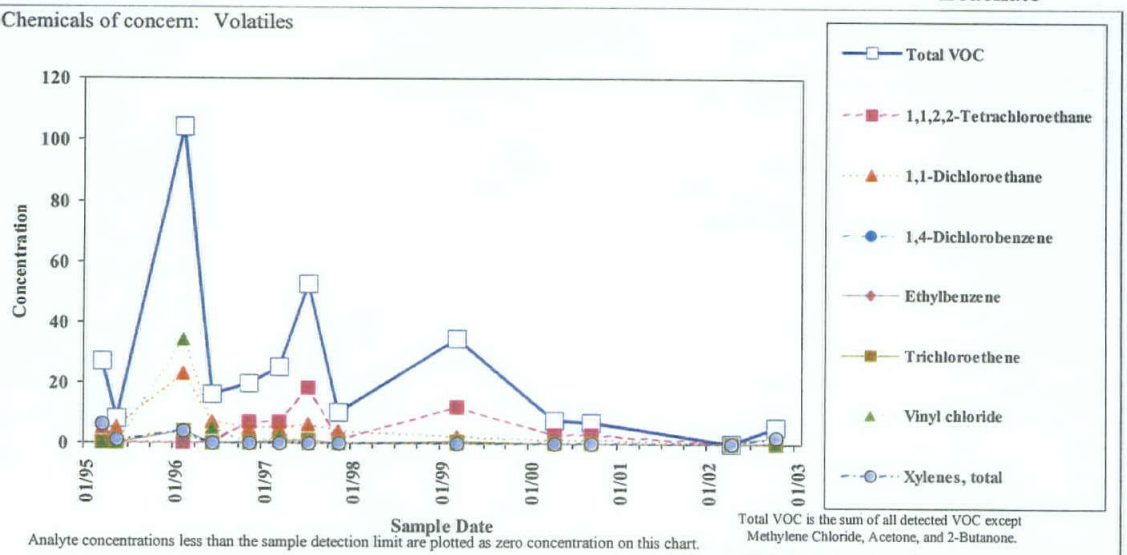
Sample concentration units: µg/L

Sample Location:

SEEP-03

Sites 1 & 3
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

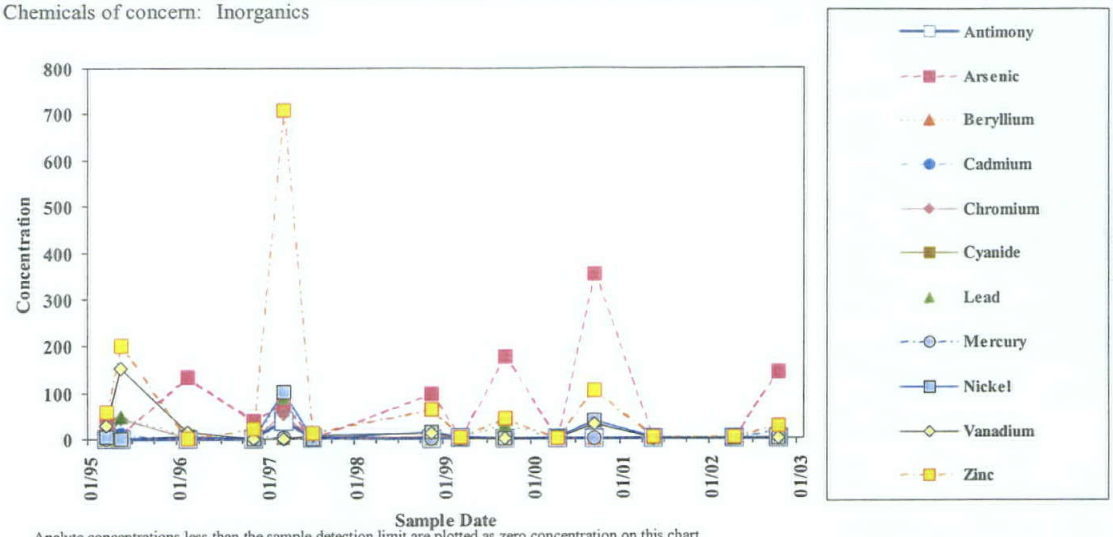
Sample concentration units: µg/L

Sample Location:

SEEP-04

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

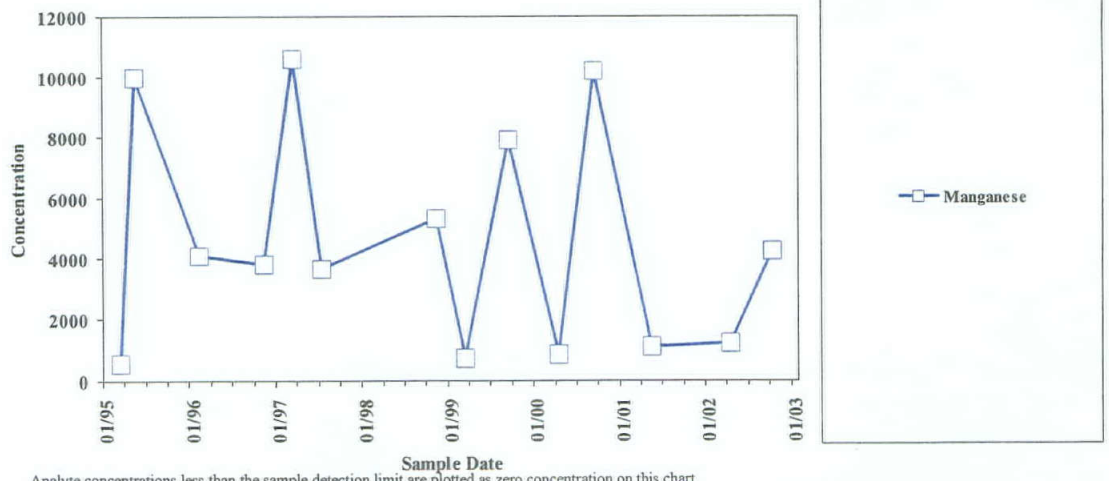
Sample concentration units: µg/L

Sample Location:

SEEP-04

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

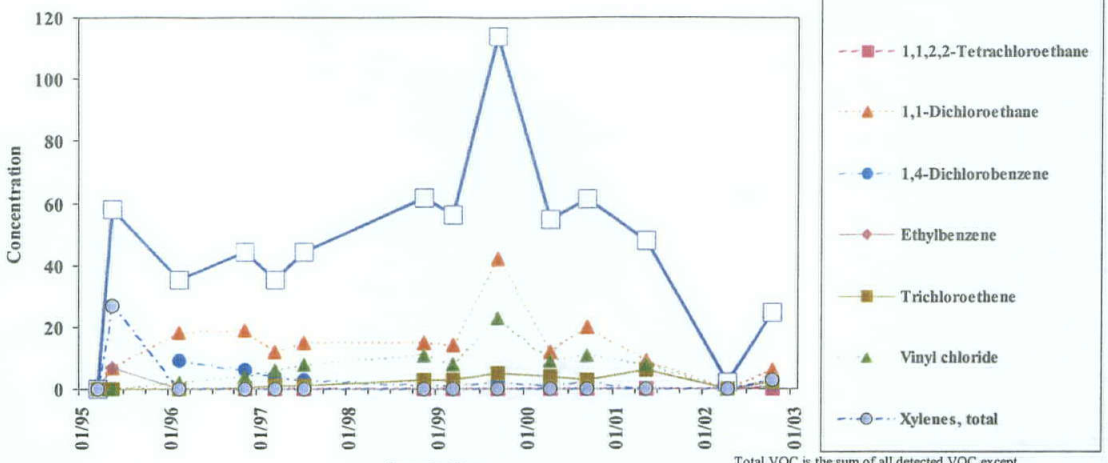
Sample concentration units: µg/L

Sample Location:

SEEP-04

Sites 1 & 3
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

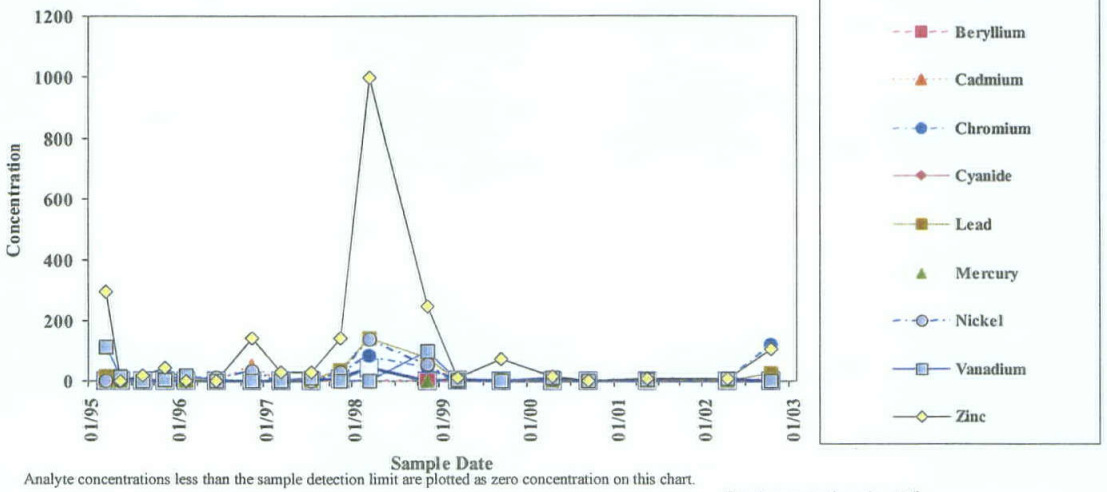
Sample concentration units: µg/L

Sample Location:

SEEP-05

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

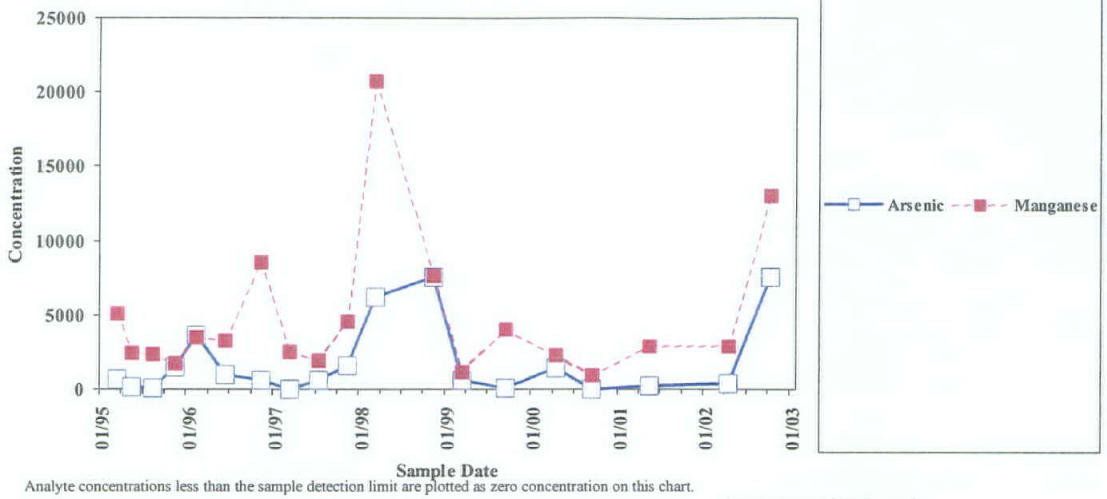
Sample concentration units: mg/L

Sample Location:

SEEP-05

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

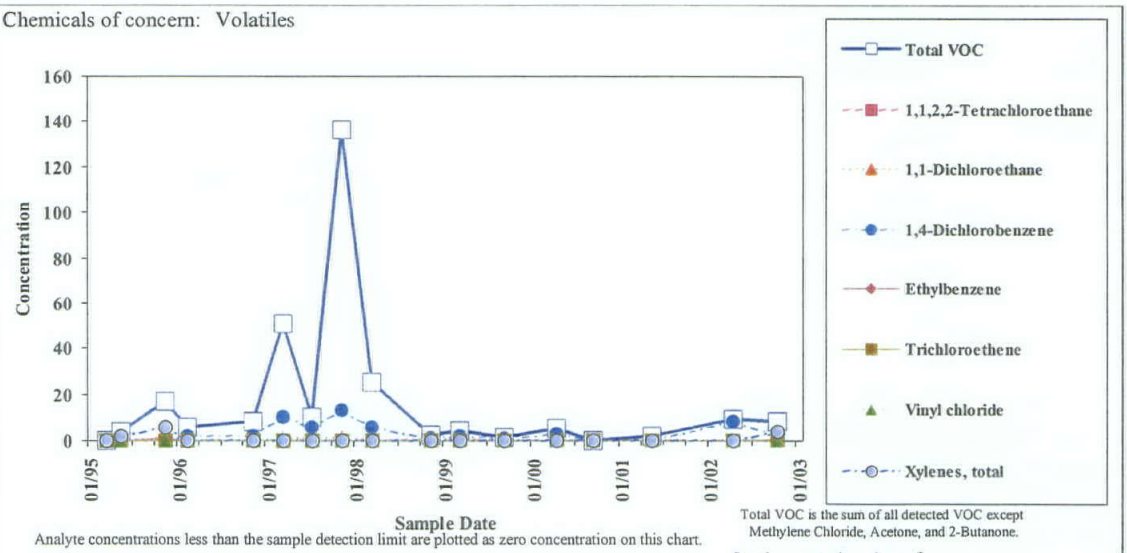
Sample concentration units: µg/L

Sample Location:

SEEP-05

Sites 1 & 3
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

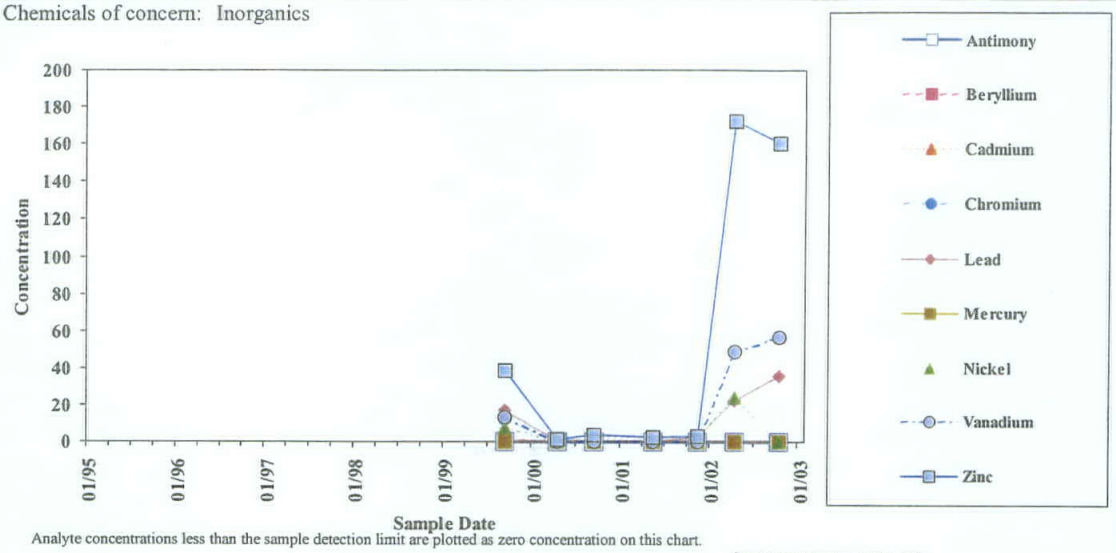
Sample concentration units: µg/L

Sample Location:

SEEP-09

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

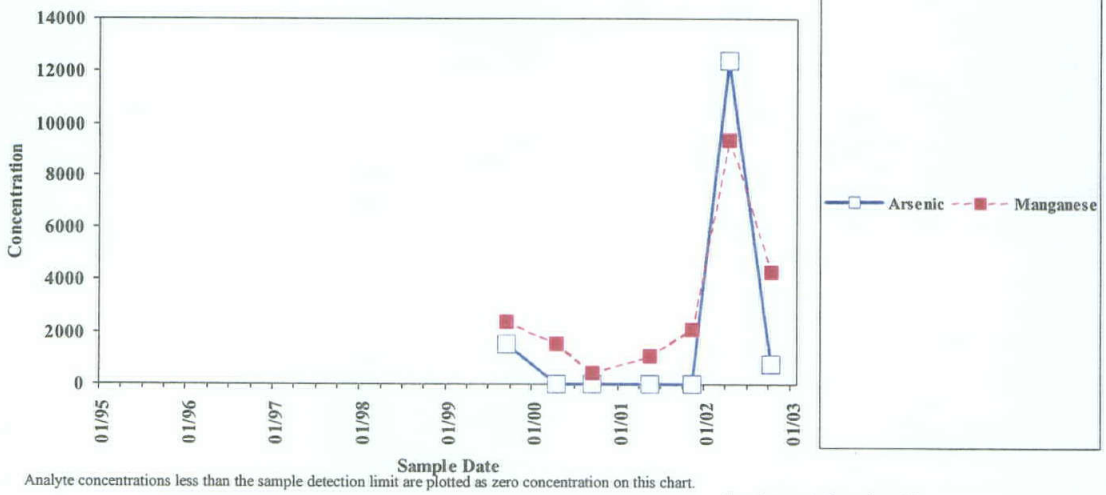
Sample concentration units: µg/L

Sample Location:

SEEP-09

Sites 1 & 3
Leachate

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

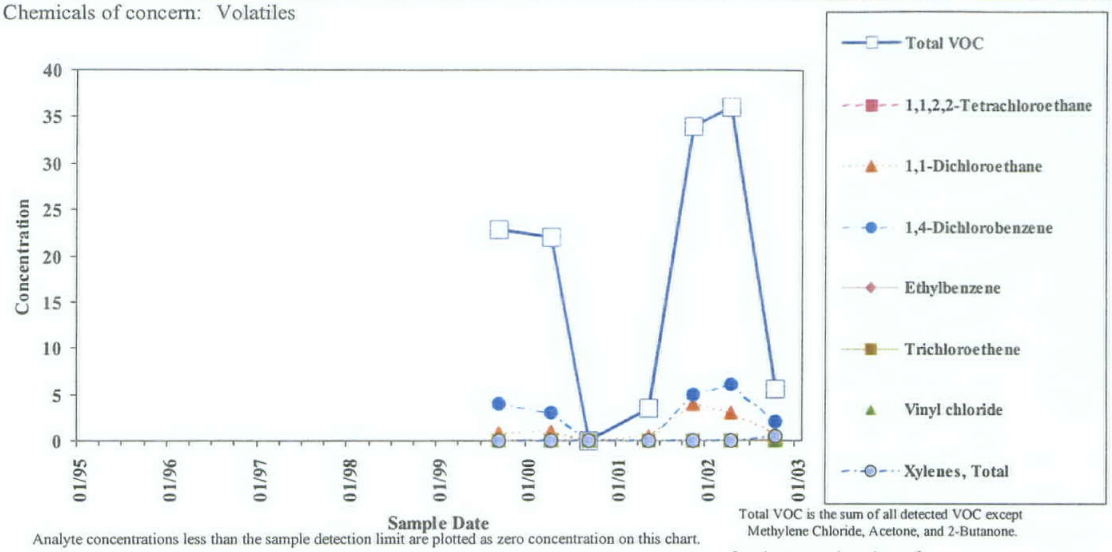
Sample concentration units: µg/L

Sample Location:

SEEP-09

Sites 1 & 3
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

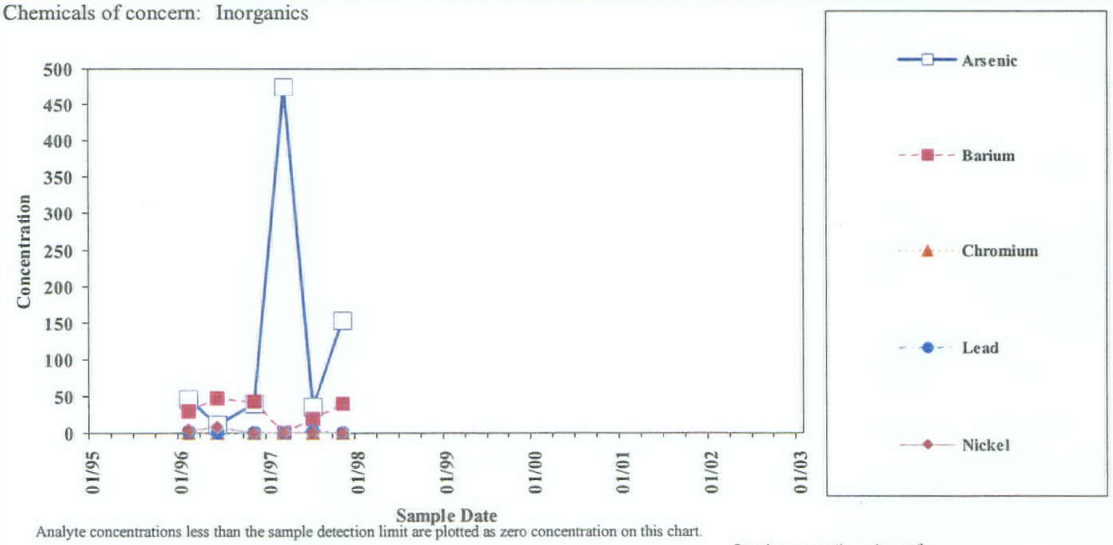
Sample concentration units: µg/L

Sample Location:

Sites 1 & 3 Raw Influent

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

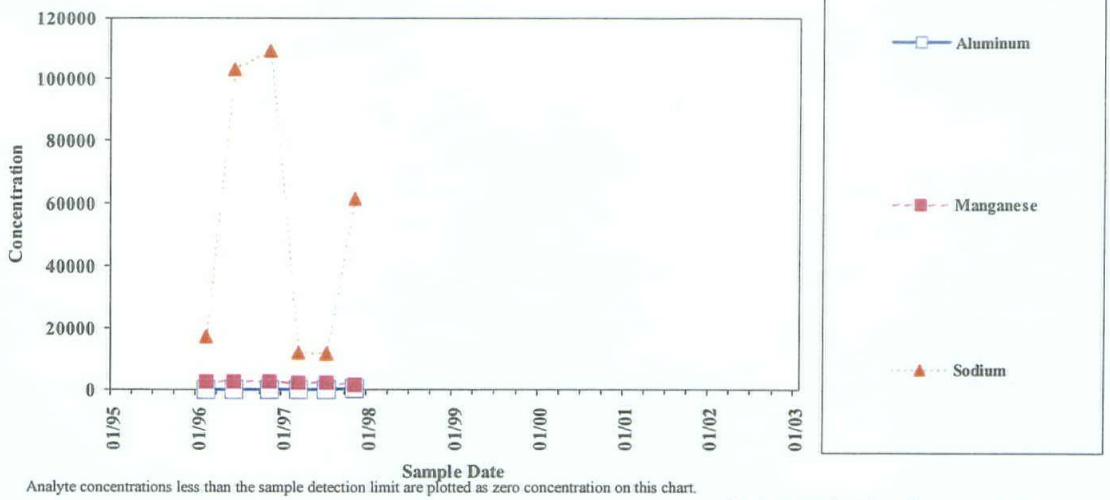
Arsenic		Barium		Chromium		Lead		Nickel	
MEG:	-	MEG:	1500	MEG:	100	MEG:	-	MEG:	100
MCL:	50	MCL:	2000	MCL:	100	MCL:	15	MCL:	100

Sample Location:

Sites 1 & 3 Raw Influent

Sites 1 & 3
Groundwater

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

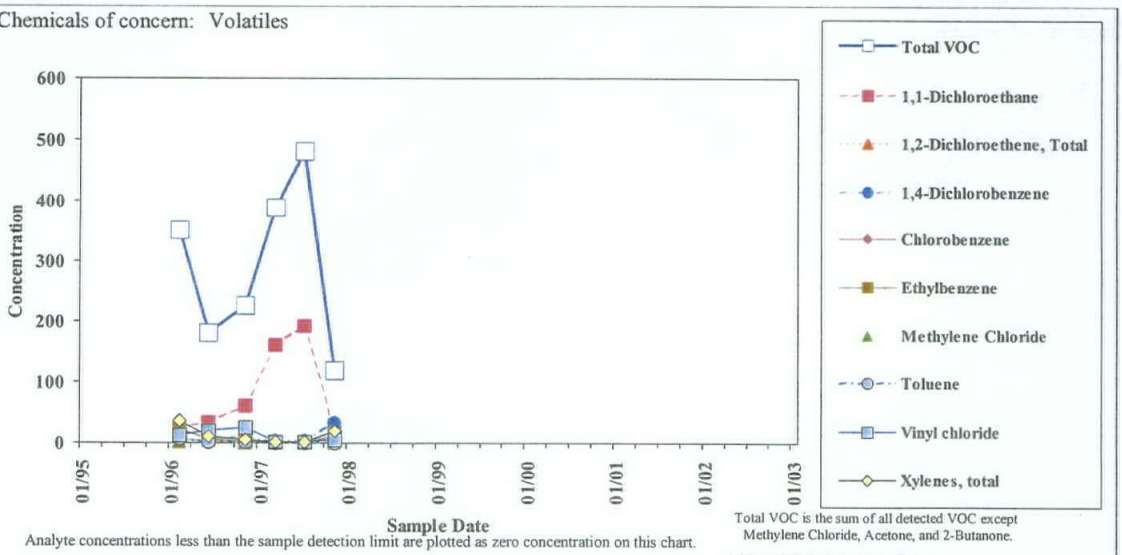
Aluminum		Manganese		Sodium	
MEG:	1430	MEG:	200	MEG:	-
MCL:	200	MCL:	50	MCL:	-

Sample Location:

Sites 1 & 3 Raw Influent

Sites 1 & 3
Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		1,4-Dichlorobenzene		Chlorobenzene		Ethylbenzene		Methylene chloride		Toluene		Vinyl Chloride	
MEG:	70	MEG:	70	MEG:	27	MEG:	47	MEG:	700	MEG:	-	MEG:	1400	MEG:	0.15
MCL:	-	MCL:	70	MCL:	75	MCL:	100	MCL:	700	MCL:	5	MCL:	1000	MCL:	2

Xylenes, total	
MEG:	600
MCL:	10000

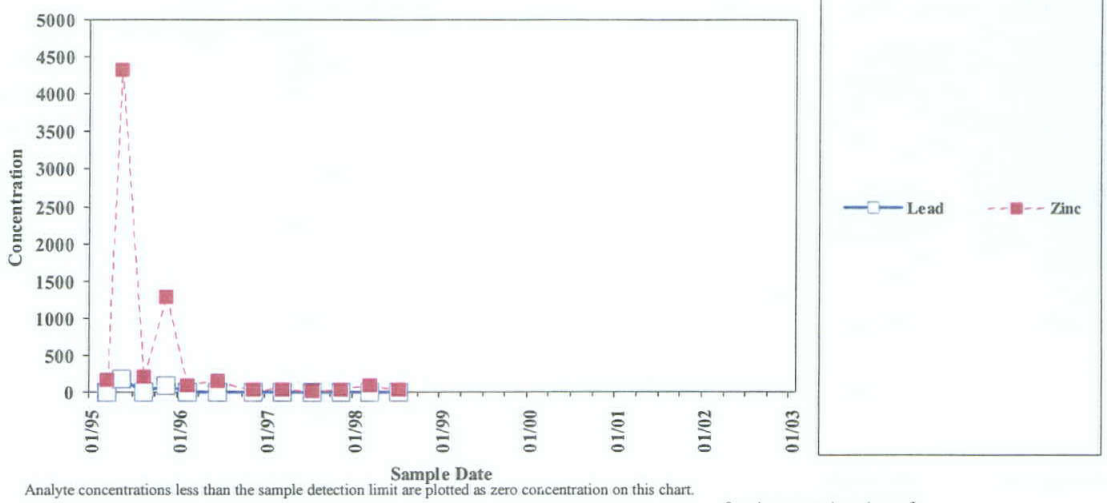
Sample Location:

SW-01

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

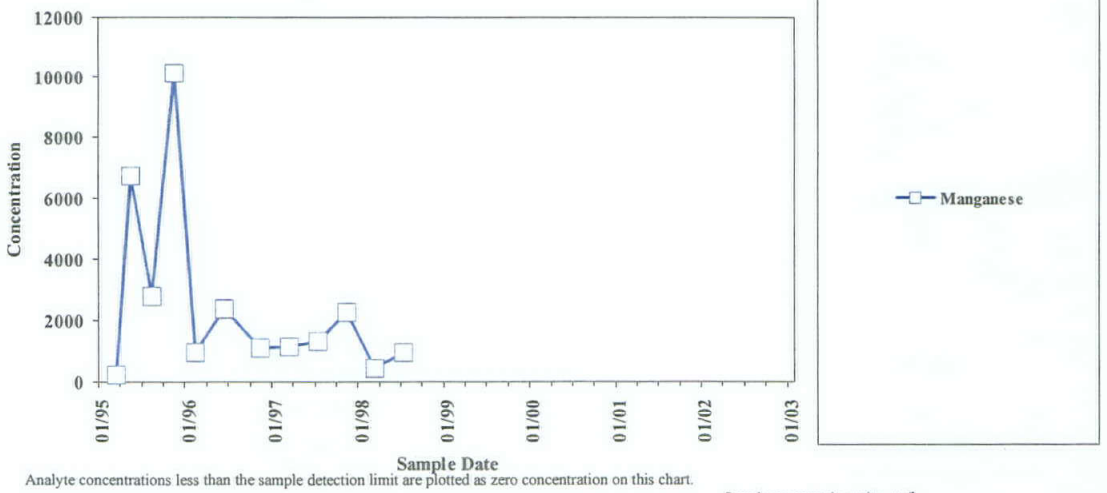
Sample Location:

SW-01

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

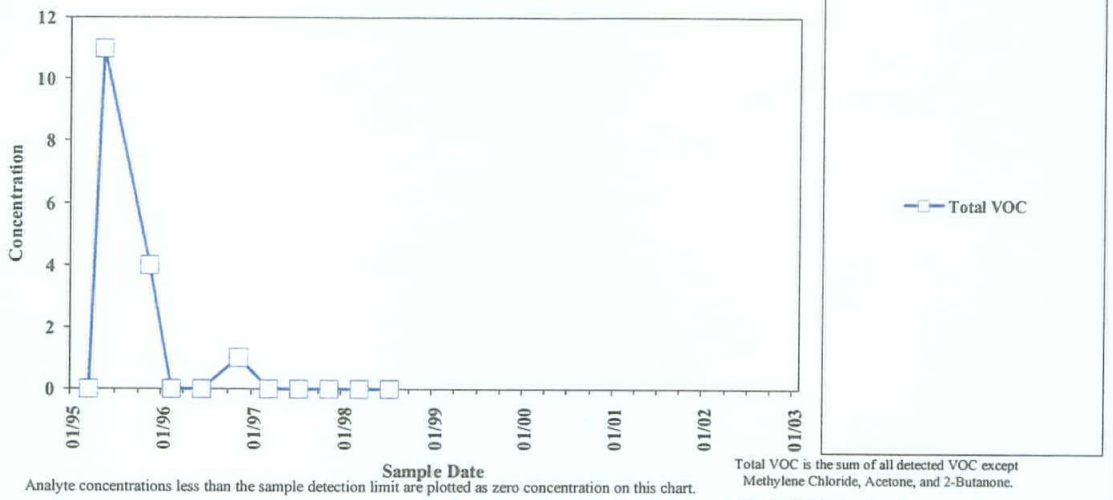
Sample concentration units: µg/L

Sample Location:

SW-01

Sites 1 & 3
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

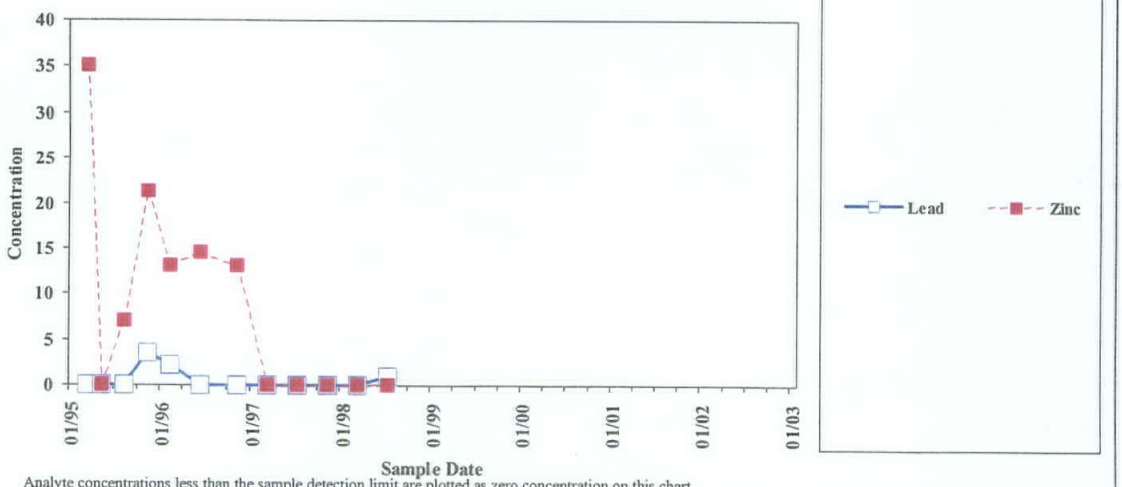
Sample concentration units: µg/L

Sample Location:

SW-02

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

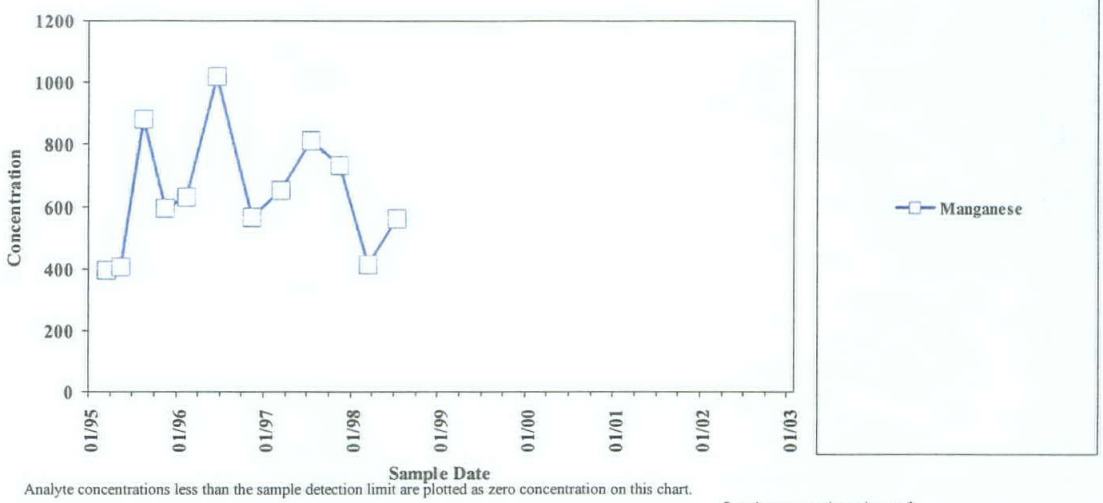
Sample Location:

SW-02

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

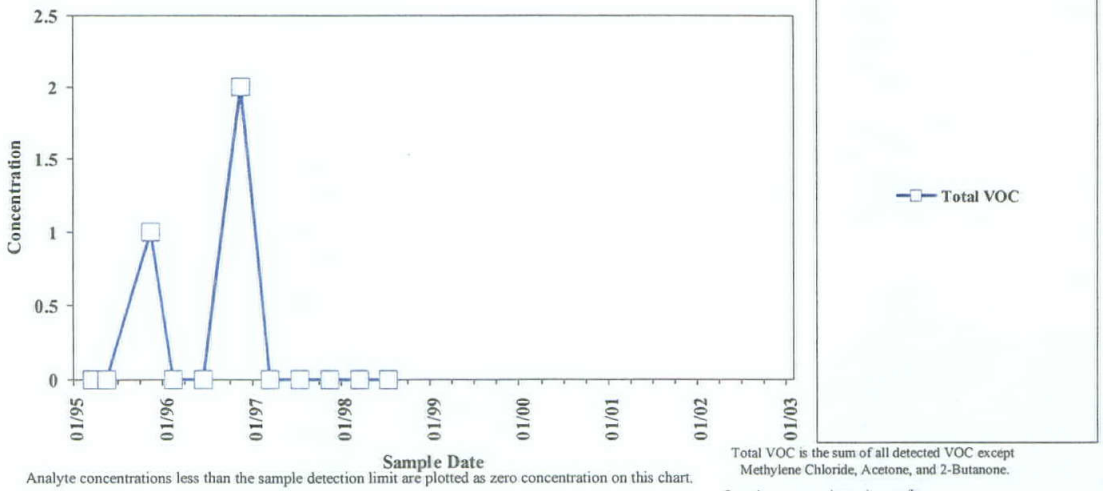
Sample Location:

SW-02

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

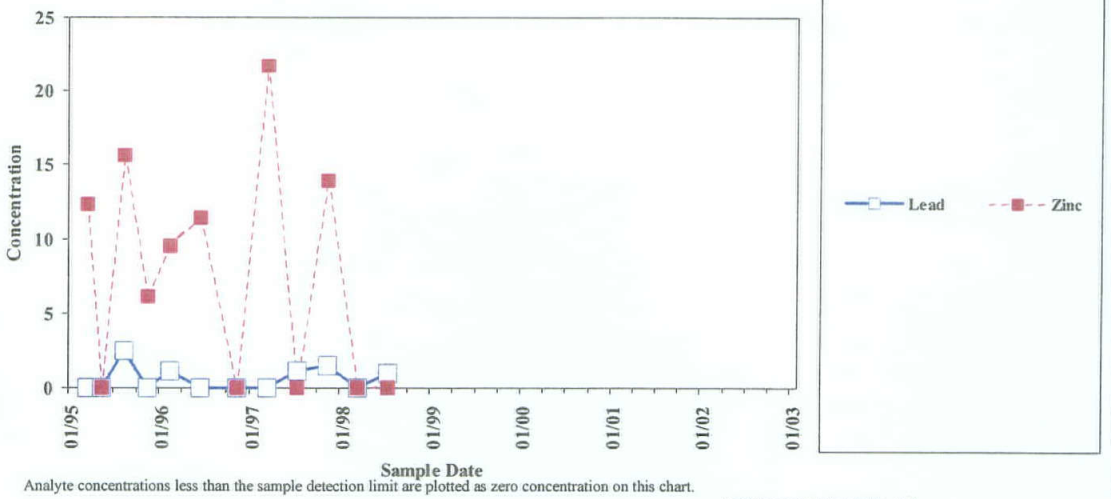
Sample concentration units: µg/L

Sample Location:

SW-03

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

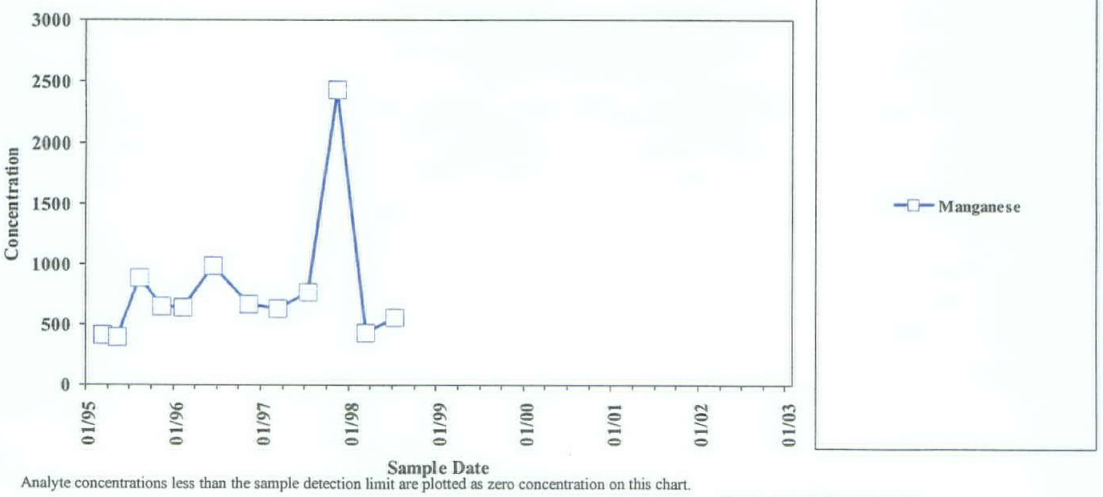
Sample concentration units: µg/L

Sample Location:

SW-03

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

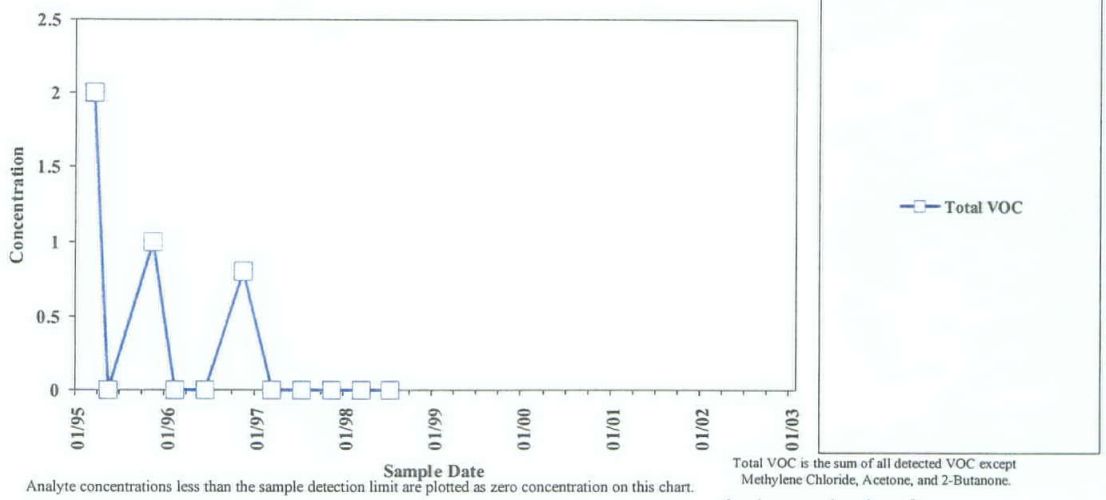
Sample Location:

SW-03

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

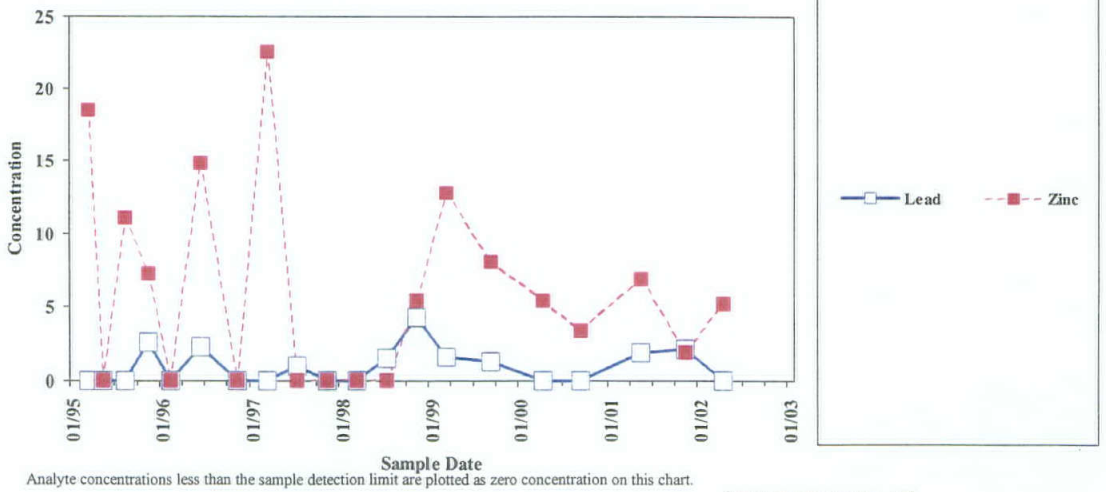
Sample Location:

SW-04

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

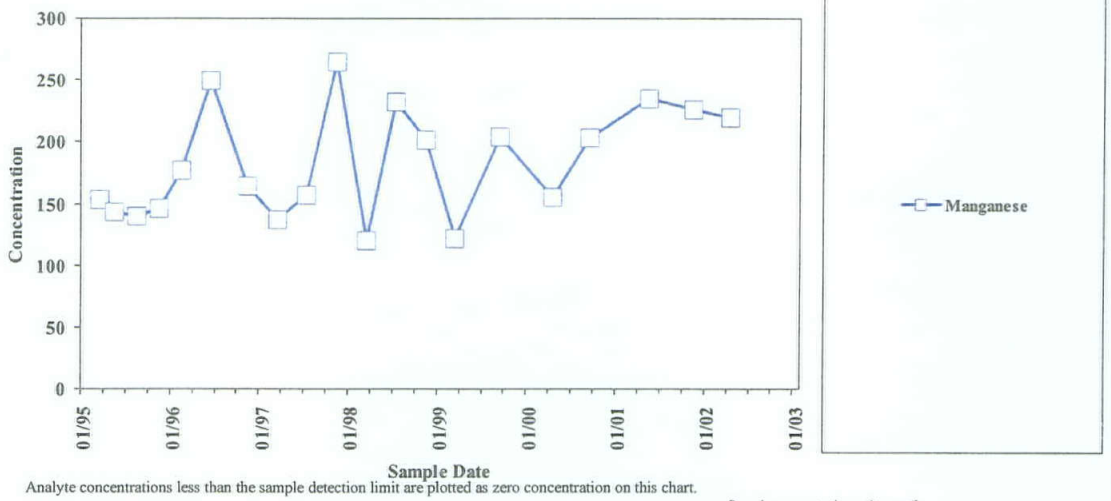
Sample Location:

SW-04

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

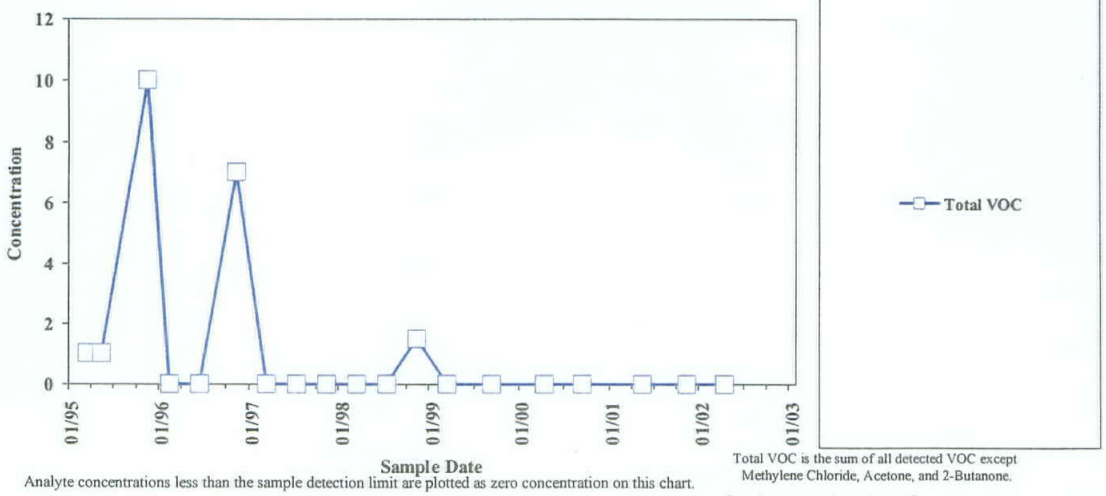
Sample Location:

SW-04

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

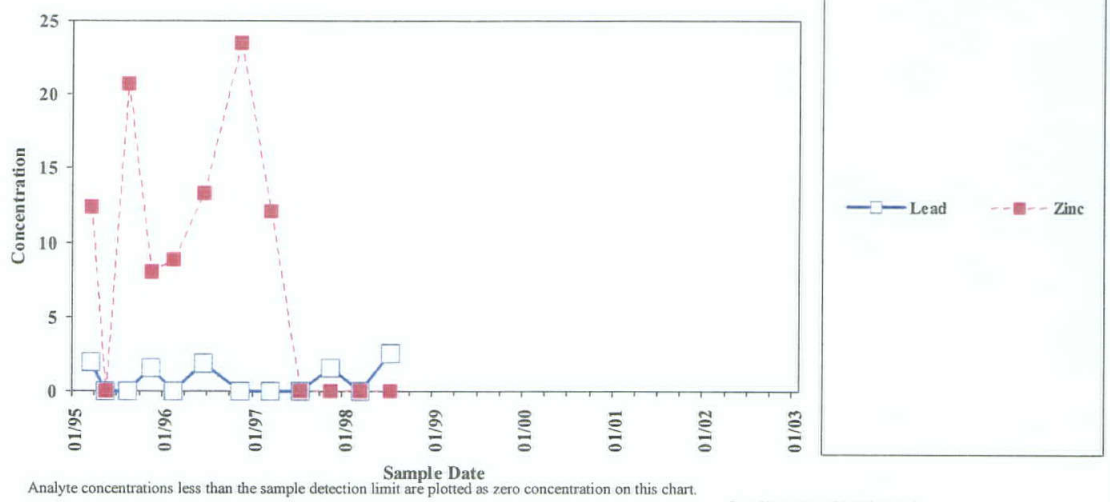
Sample Location:

SW-05

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

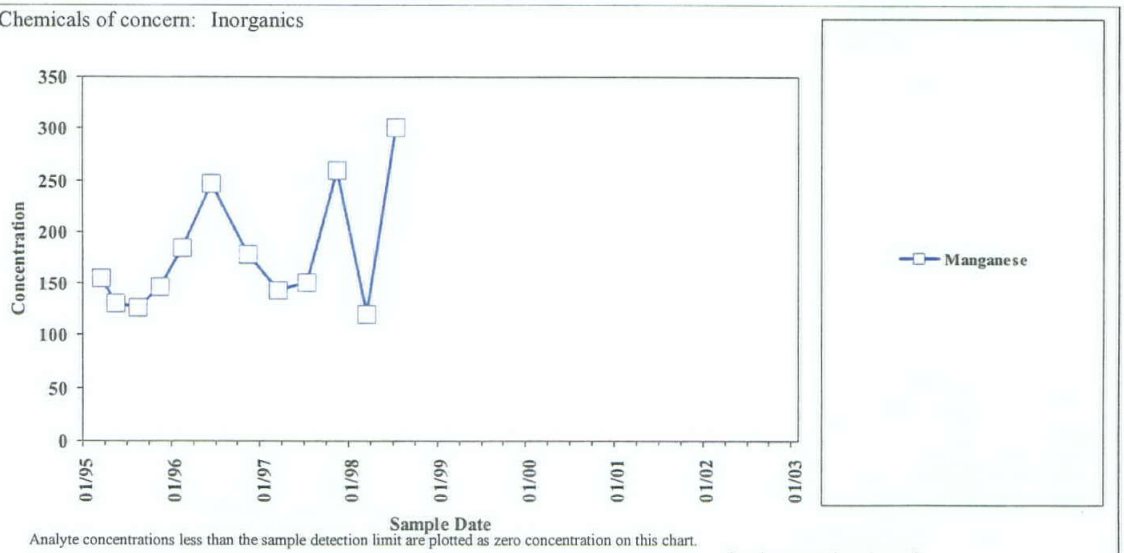
Sample Location:

SW-05

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

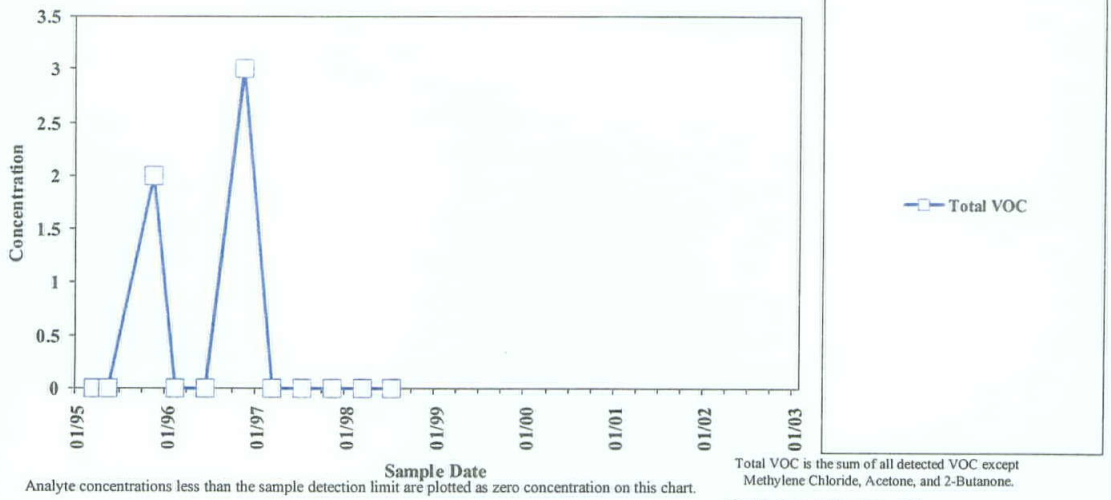
Sample concentration units: µg/L

Sample Location:

SW-05

Sites 1 & 3
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

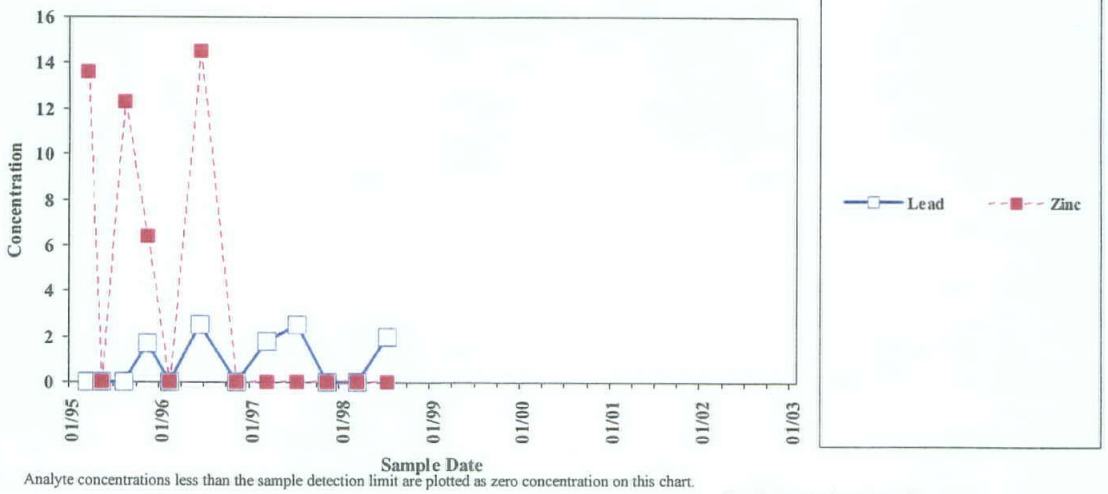
Sample concentration units: µg/L

Sample Location:

SW-06

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

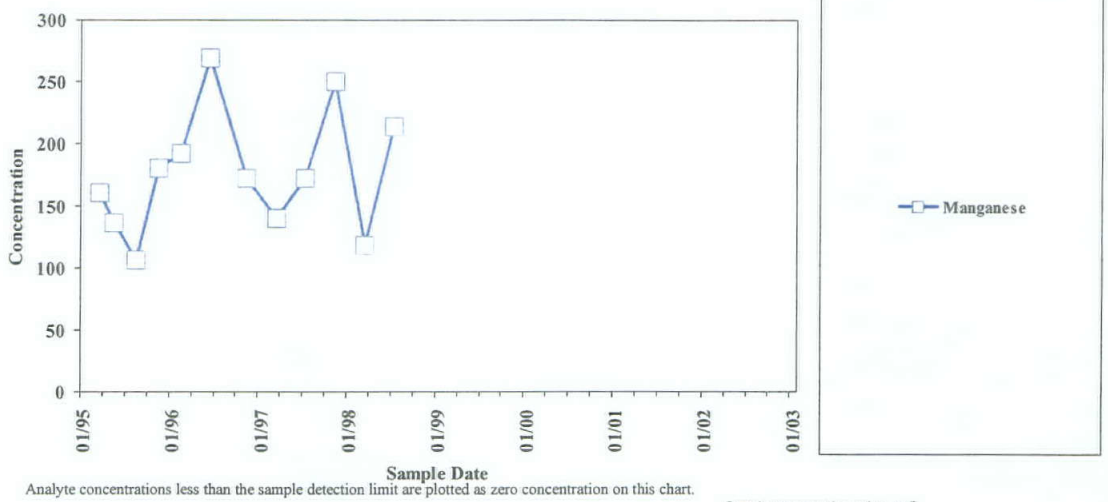
Sample Location:

SW-06

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

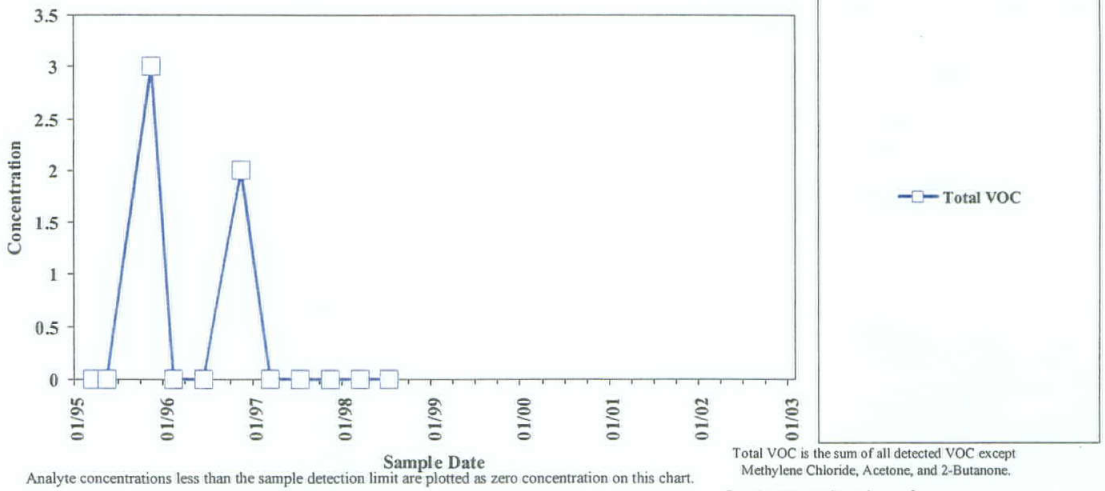
Sample Location:

SW-06

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

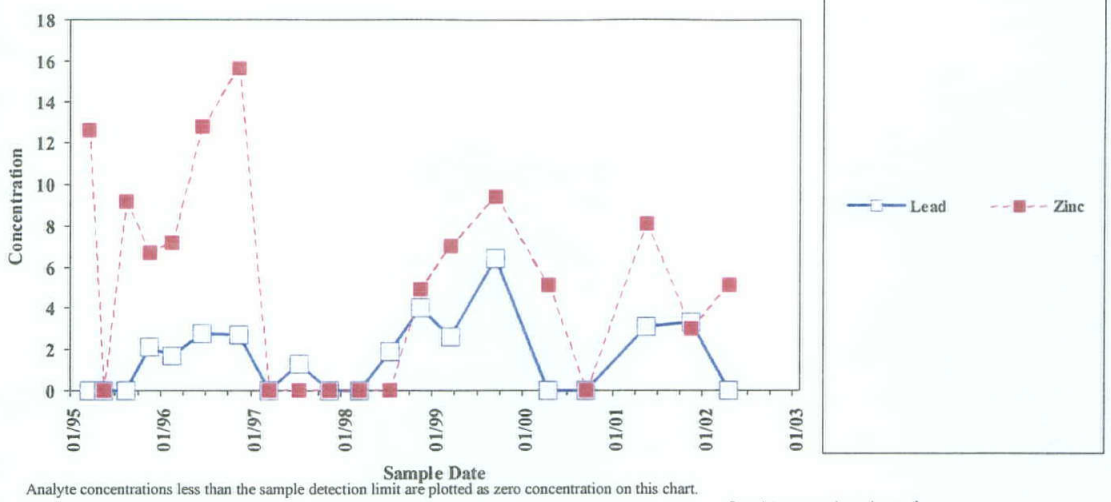
Sample Location:

SW-07

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

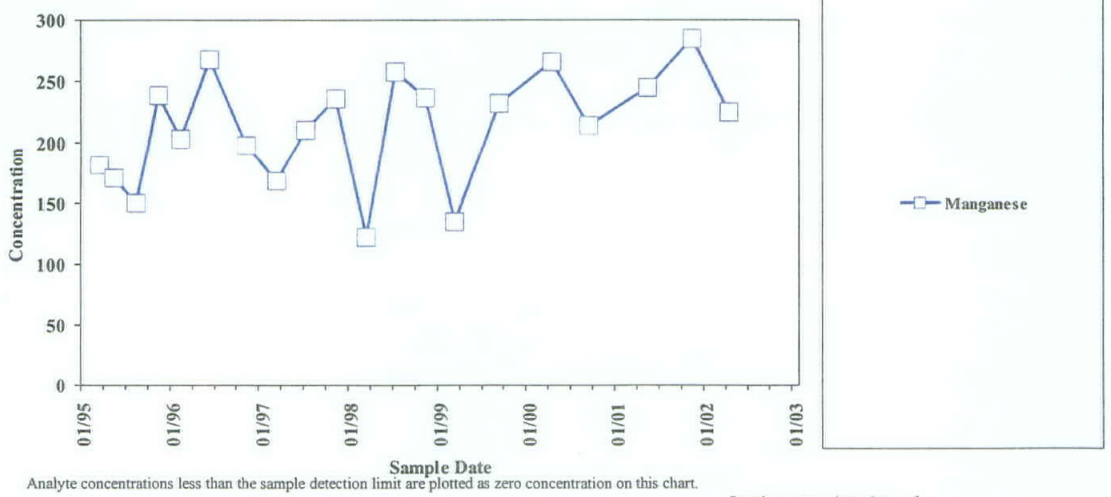
Sample Location:

SW-07

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

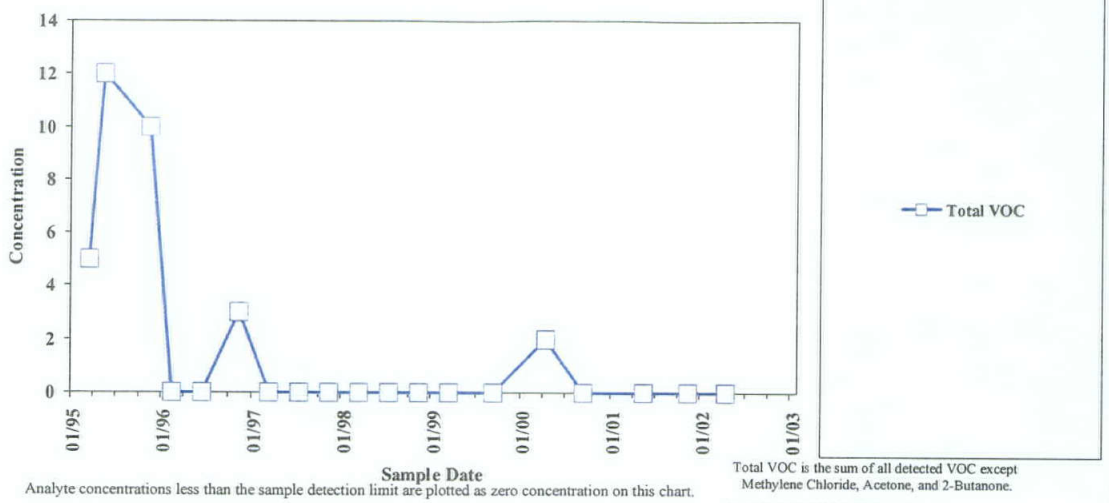
Sample Location:

SW-07

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

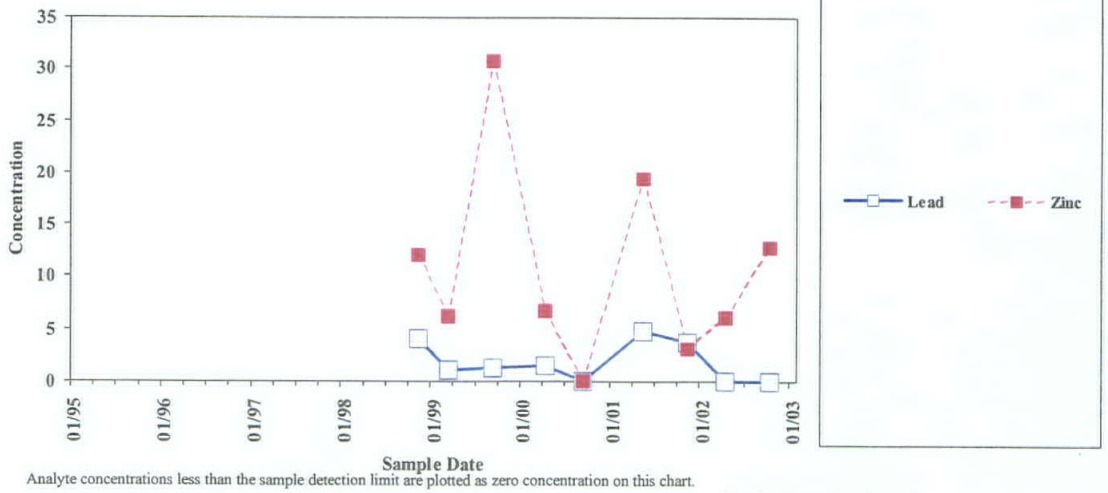
Sample Location:

SW-08

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

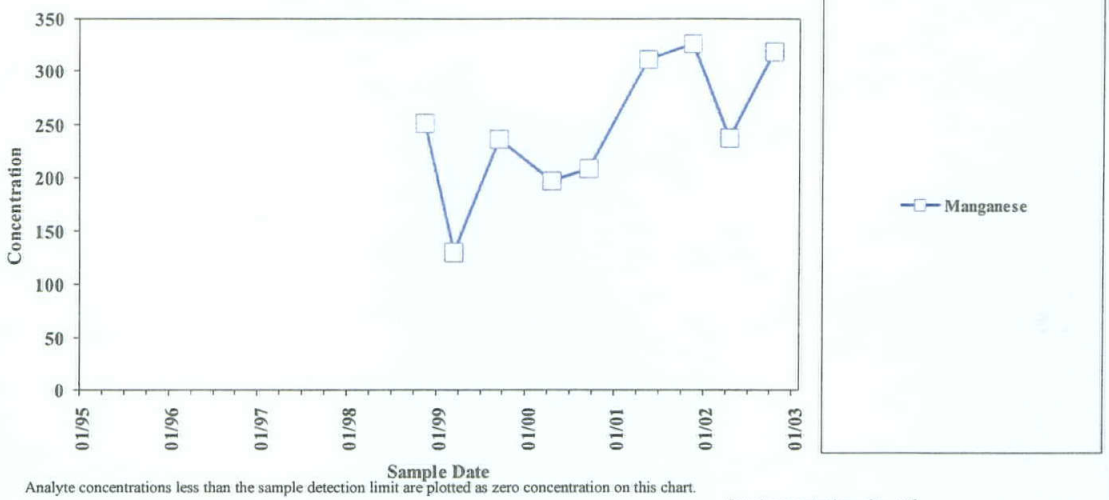
Sample Location:

SW-08

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

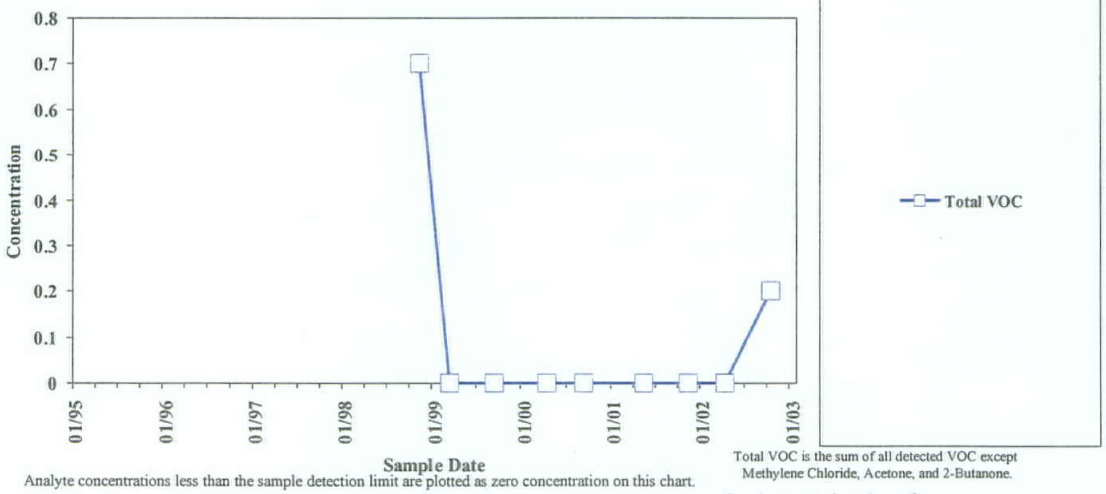
Sample Location:

SW-08

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

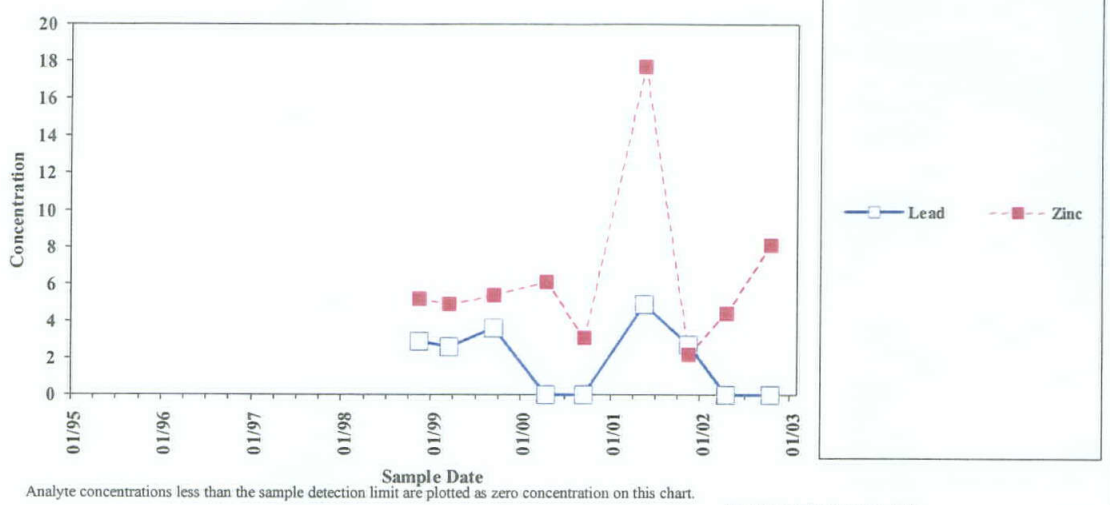
Sample concentration units: µg/L

Sample Location:

SW-09

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

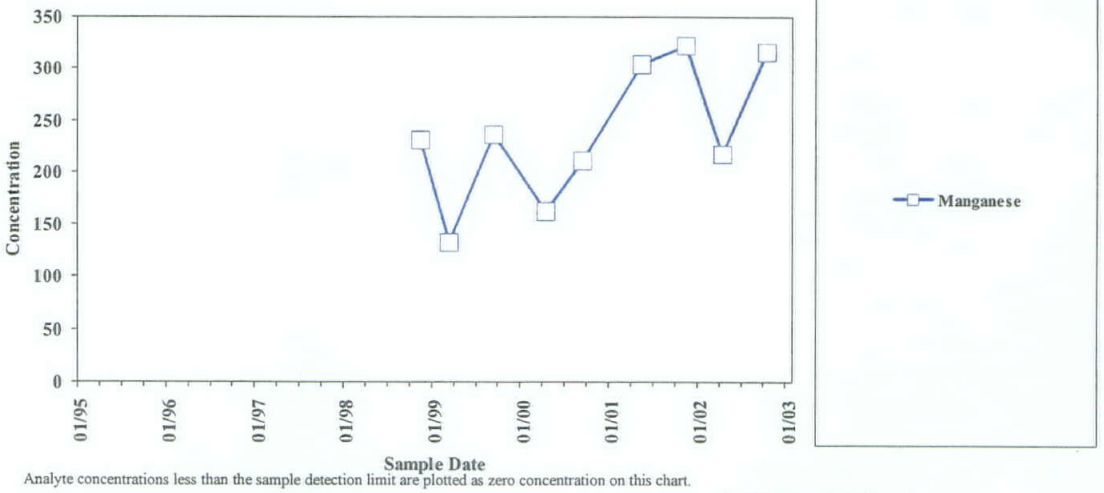
Sample concentration units: µg/L

Sample Location:

SW-09

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

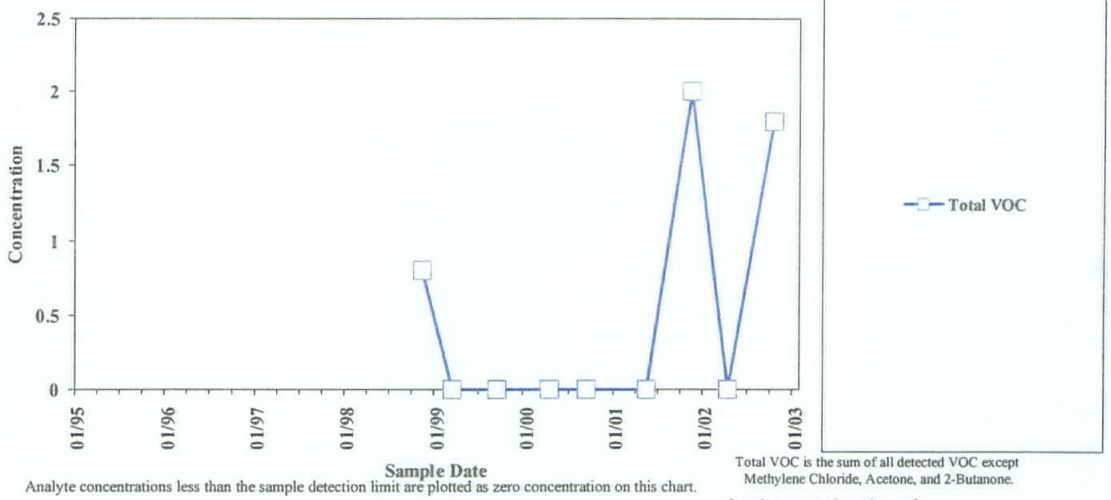
Sample concentration units: µg/L

Sample Location:

SW-09

Sites 1 & 3
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

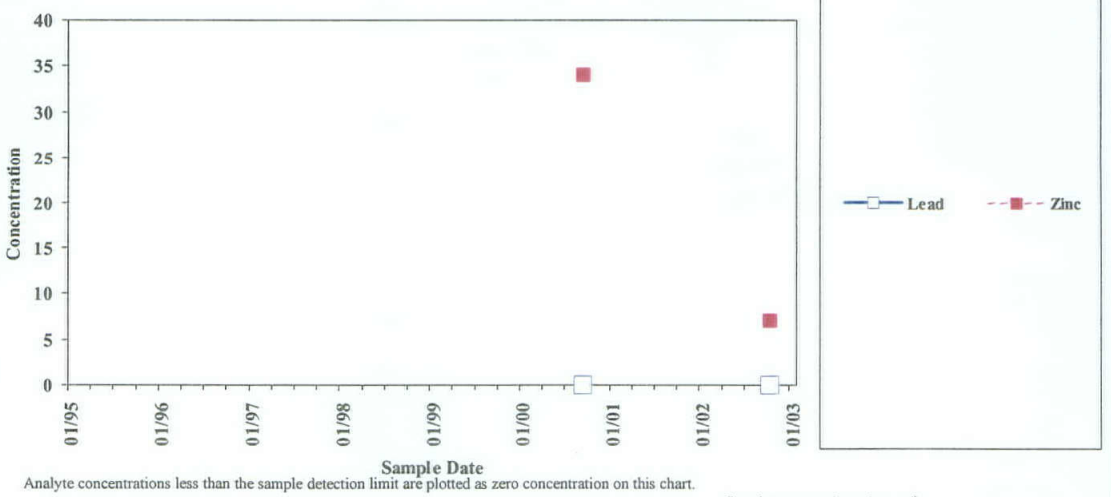
Sample concentration units: µg/L

Sample Location:

SW-15

Sites 1 & 3
Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

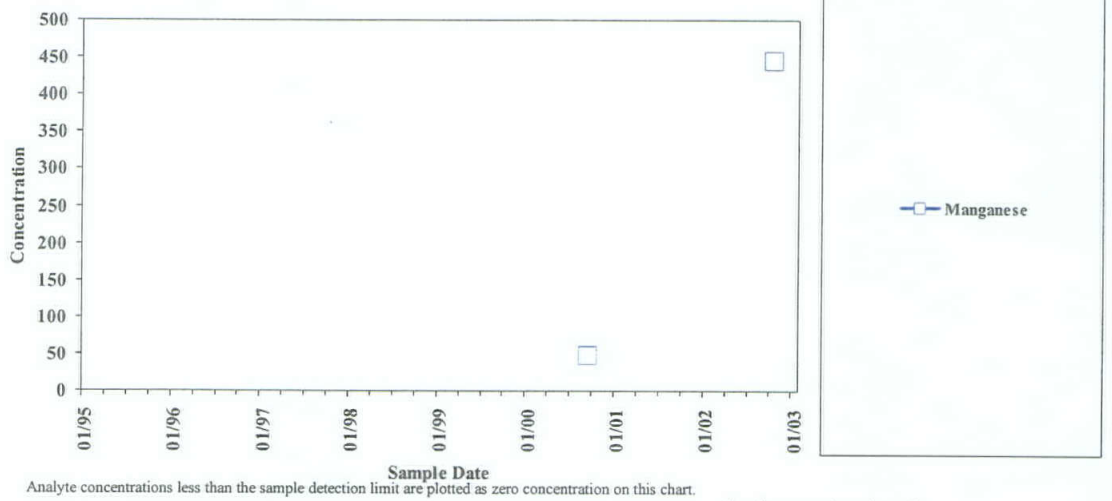
Sample Location:

SW-15

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

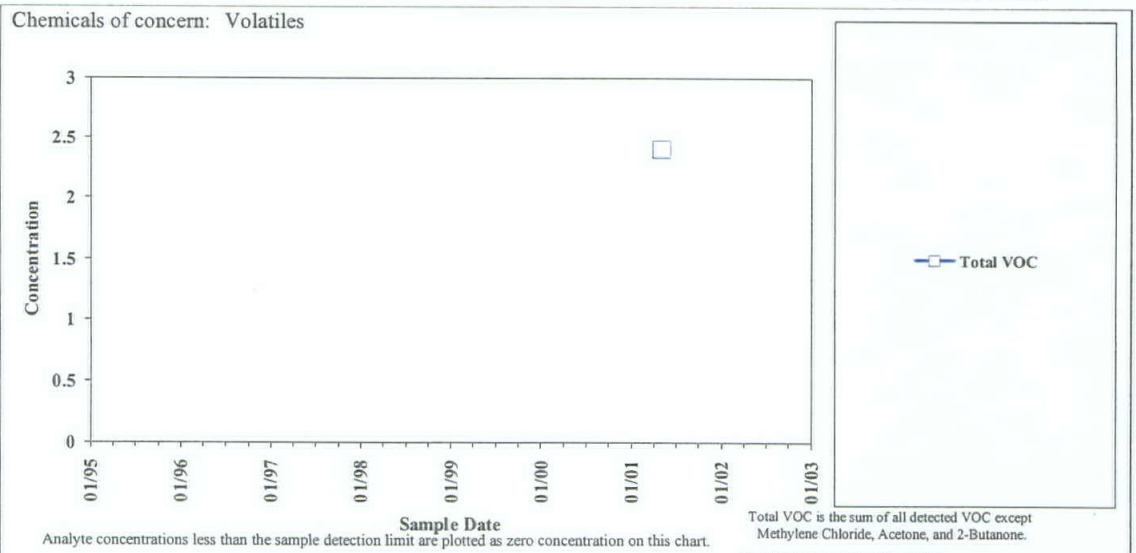
Sample Location:

SW-15

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

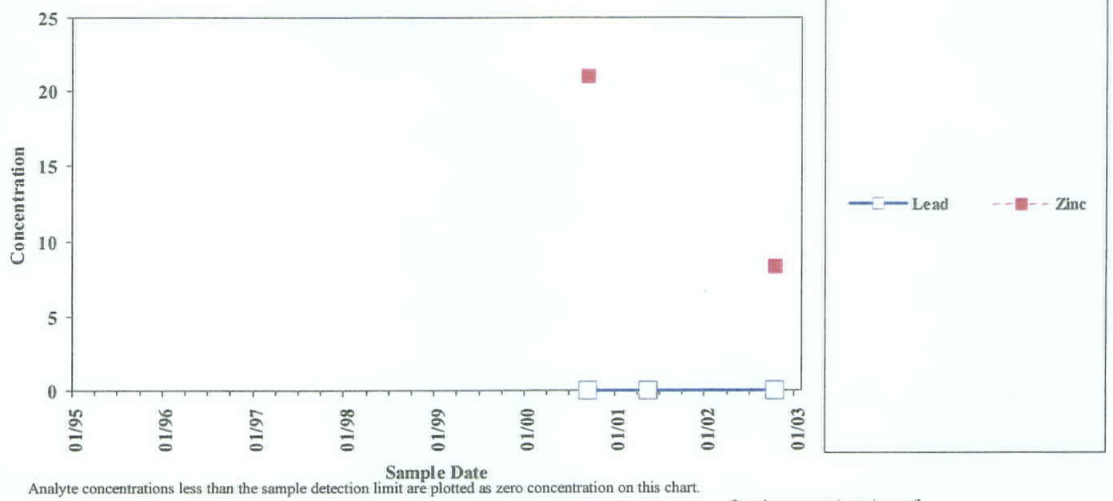
Sample Location:

SW-16

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

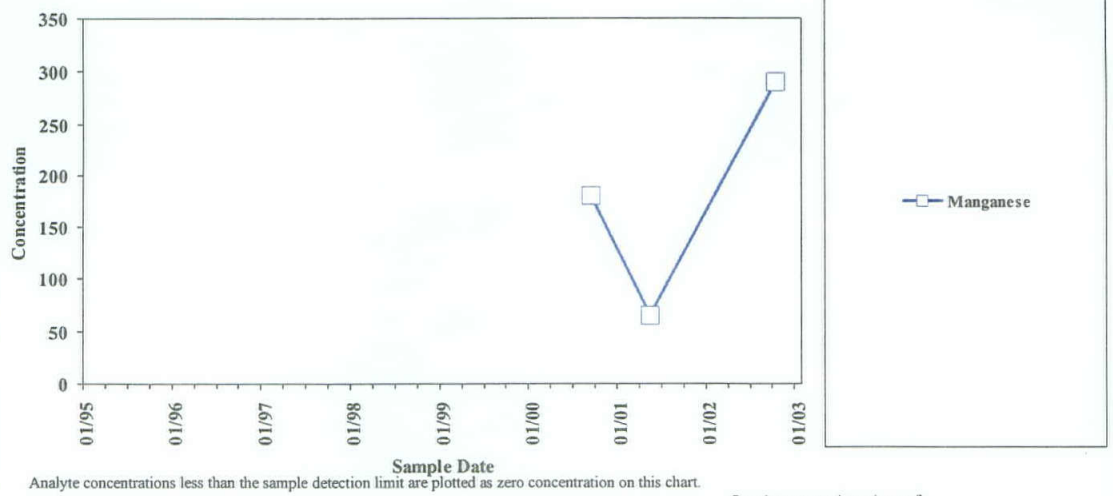
Sample Location:

SW-16

Sites 1 & 3

Surface water

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

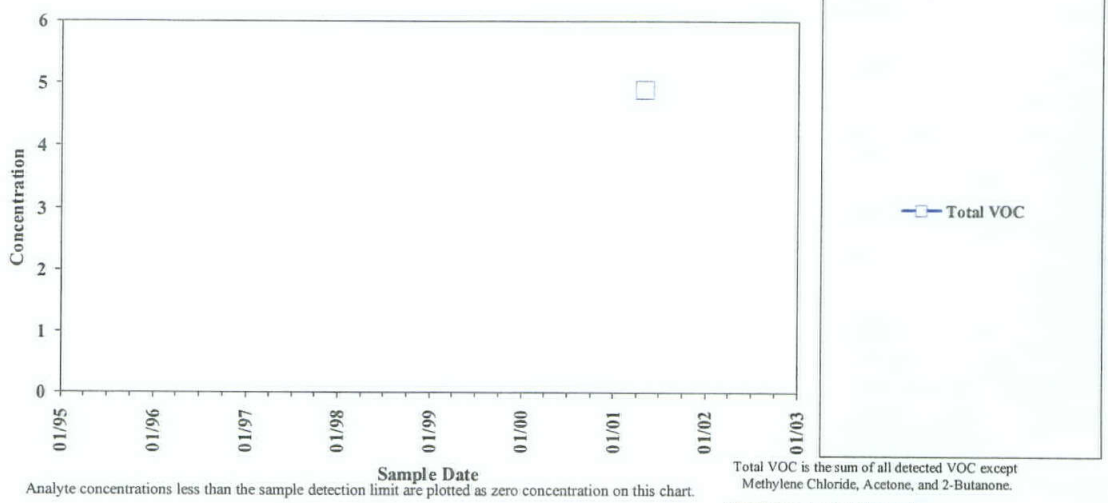
Sample Location:

SW-16

Sites 1 & 3

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

Appendix C.4

Long-Term Monitoring Trend Results
Eastern Plume

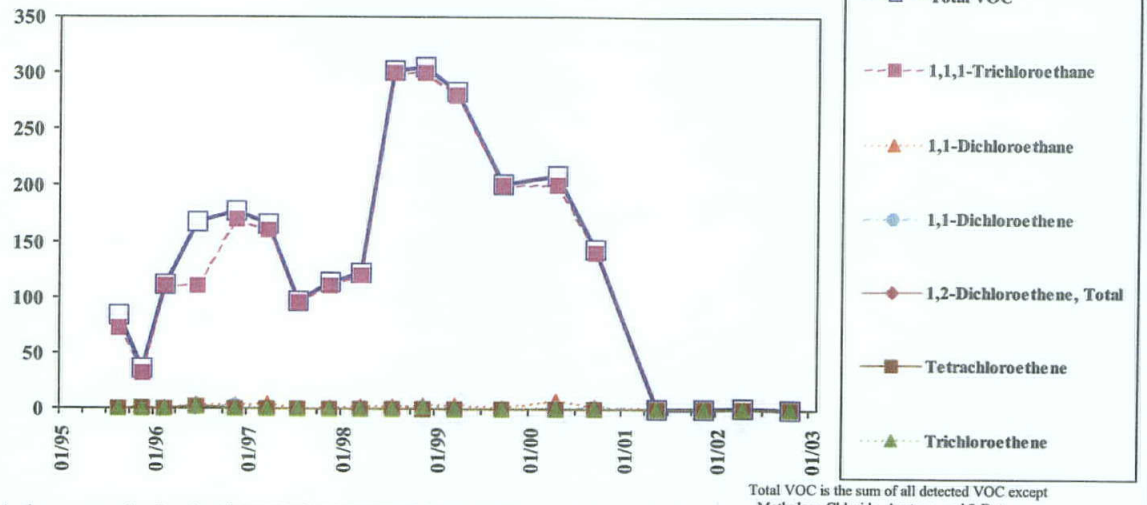
- **Extraction System Influent/Effluent and Extraction Well Data (EW)**
- **Groundwater Data (MW)**

Sample Location:

Eastern Plume Combined Effluent

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

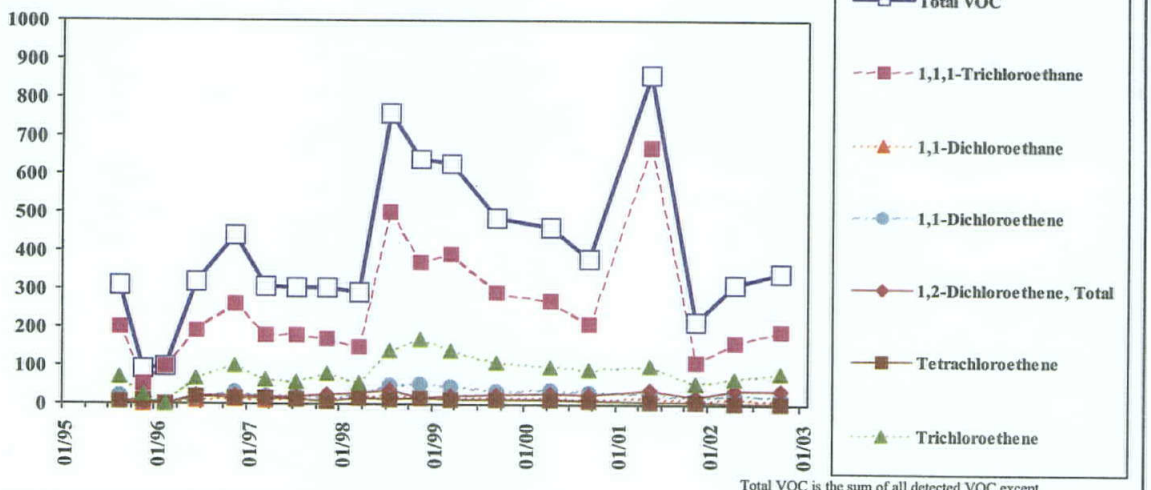
1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

Sample Location:

Eastern Plume Raw Influent

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

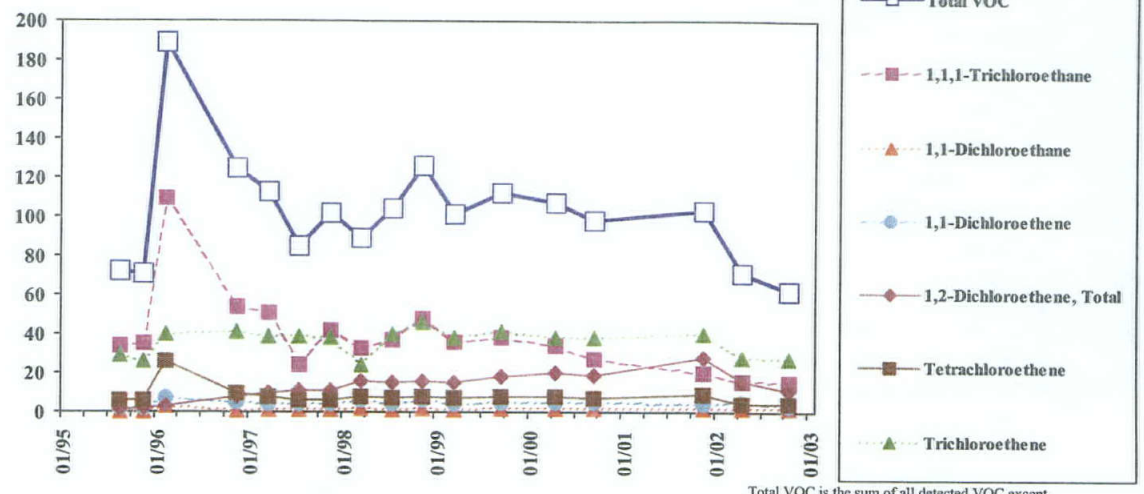
Sample Location:

EW-01

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

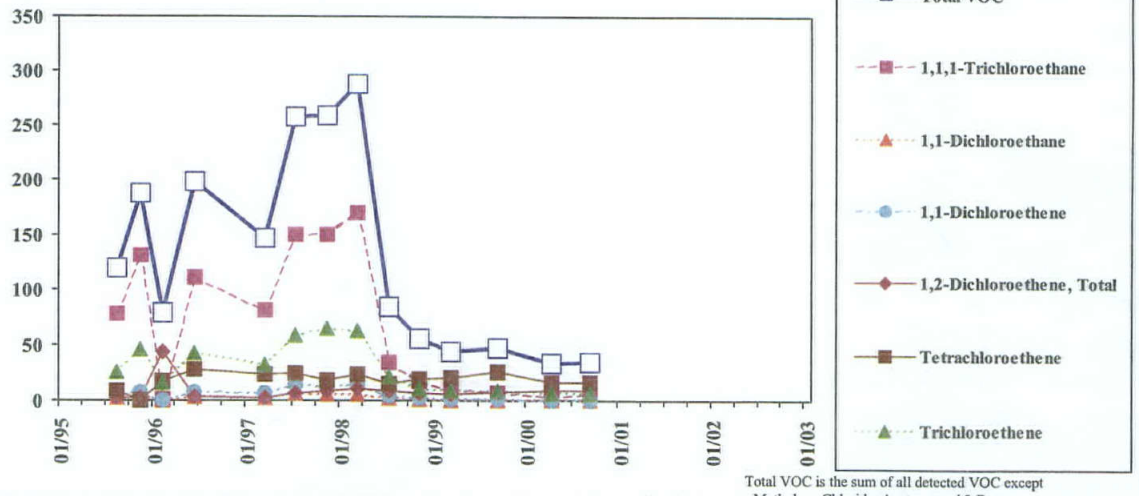
Sample Location:

EW-02

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

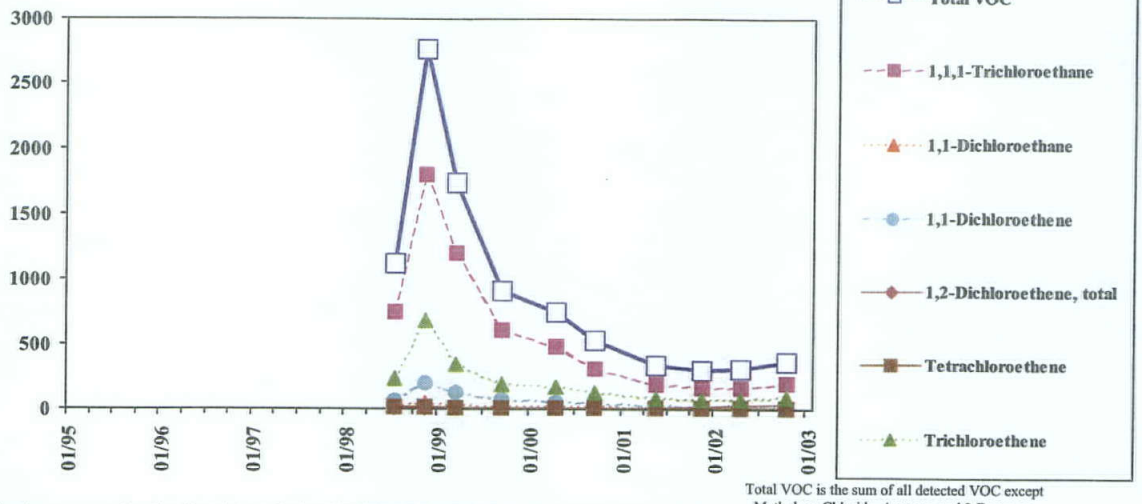
Sample Location:

EW-02A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

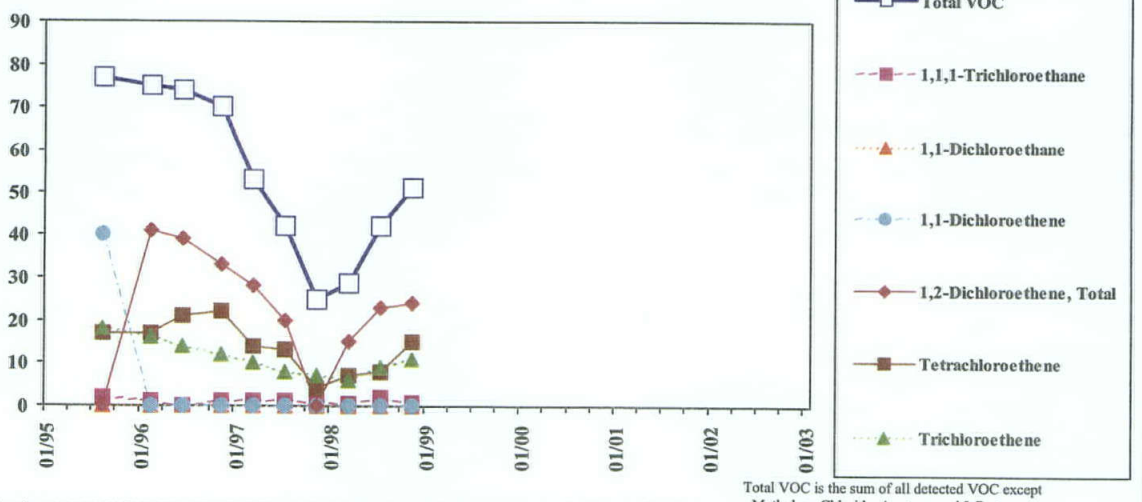
Sample Location:

EW-03

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

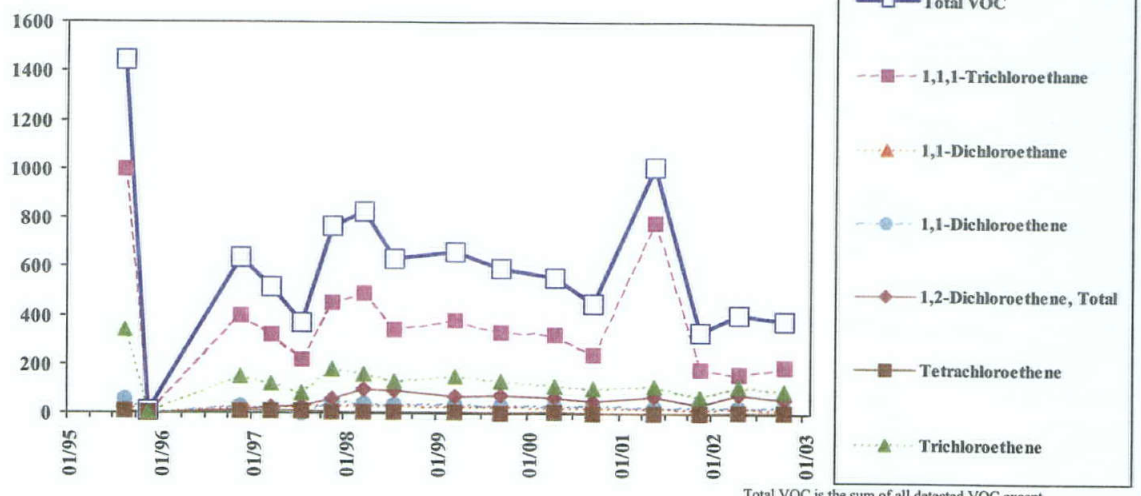
Sample Location:

EW-04

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

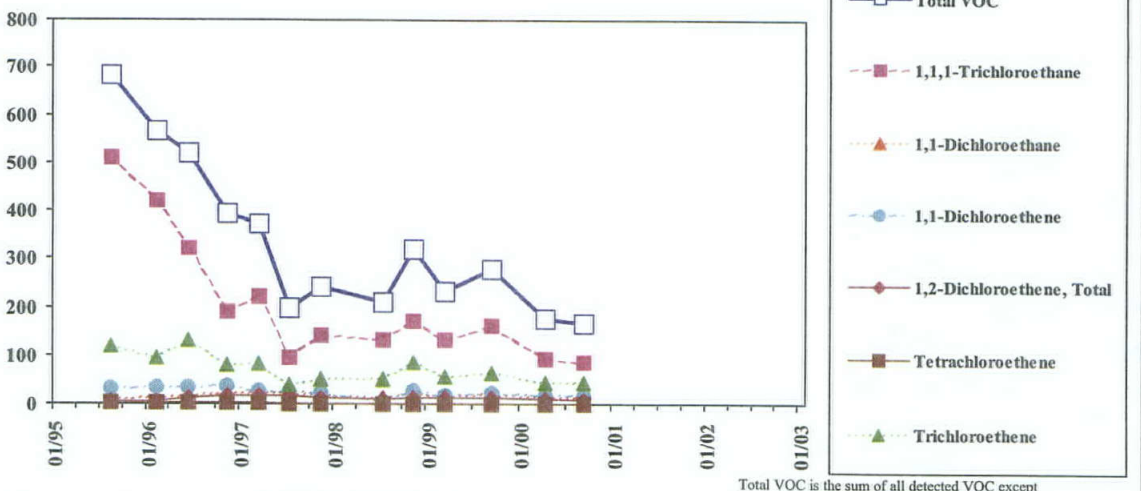
Sample Location:

EW-05

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

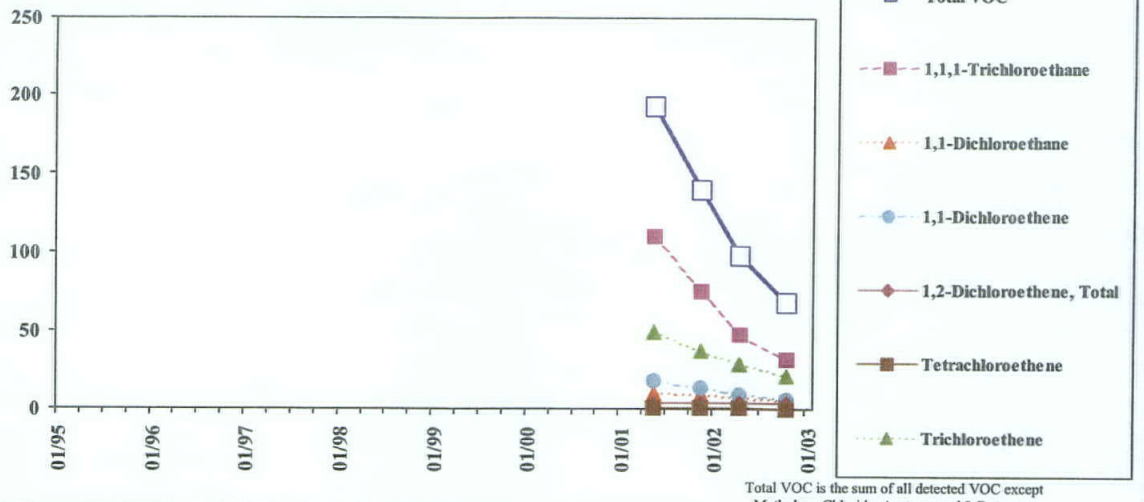
Sample Location:

EW-05A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

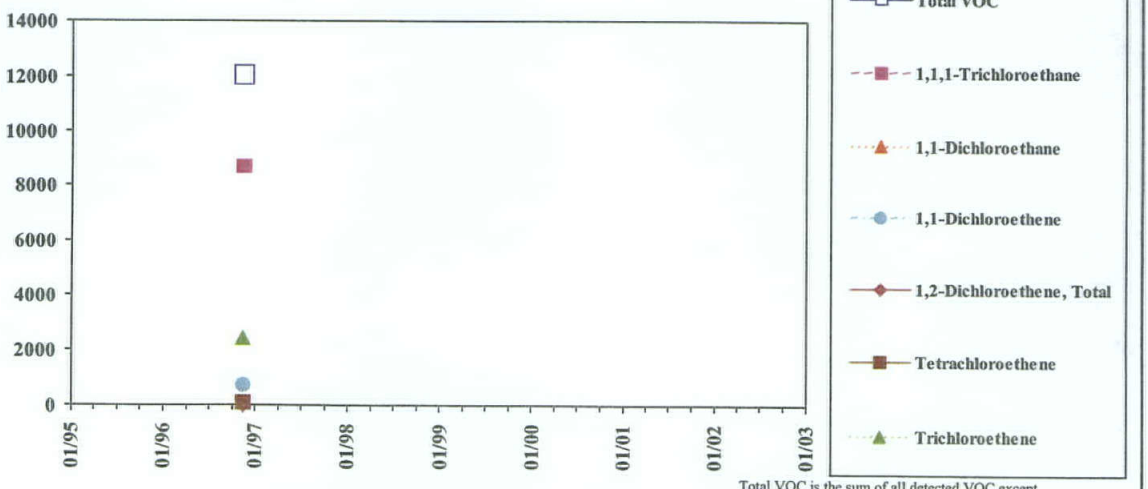
Sample Location:

MW-101

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

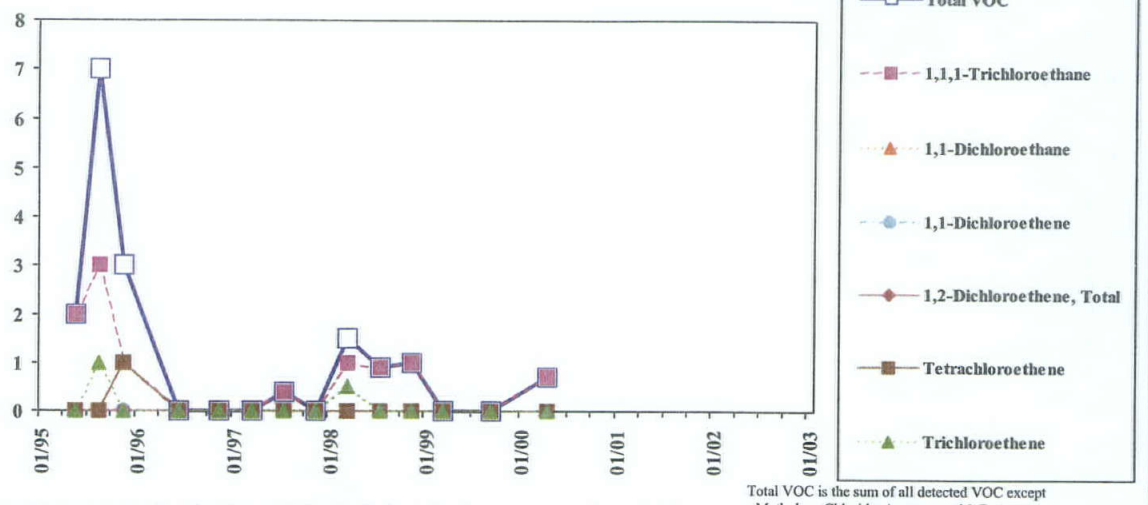
Sample Location:

MW-105A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

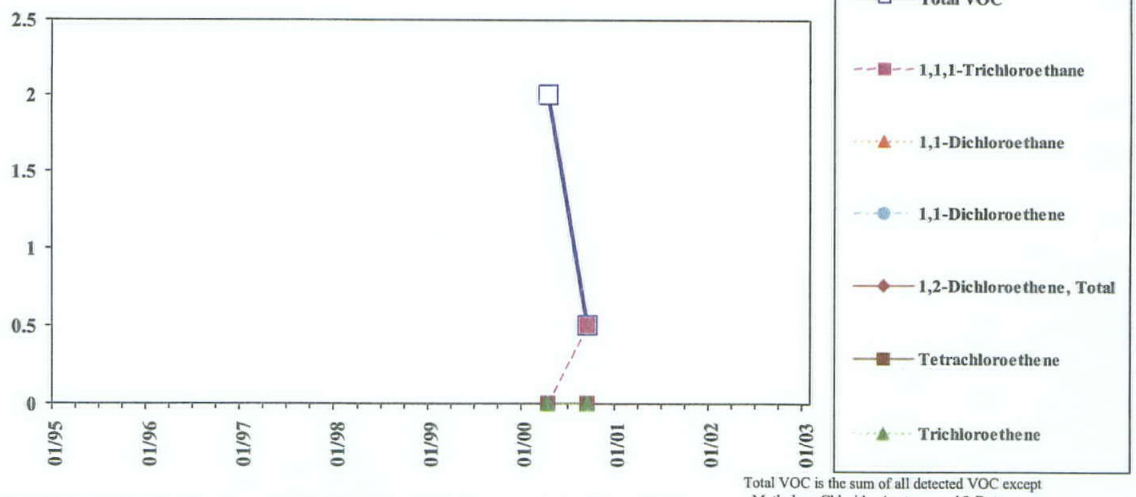
Sample Location:

MW-105A

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

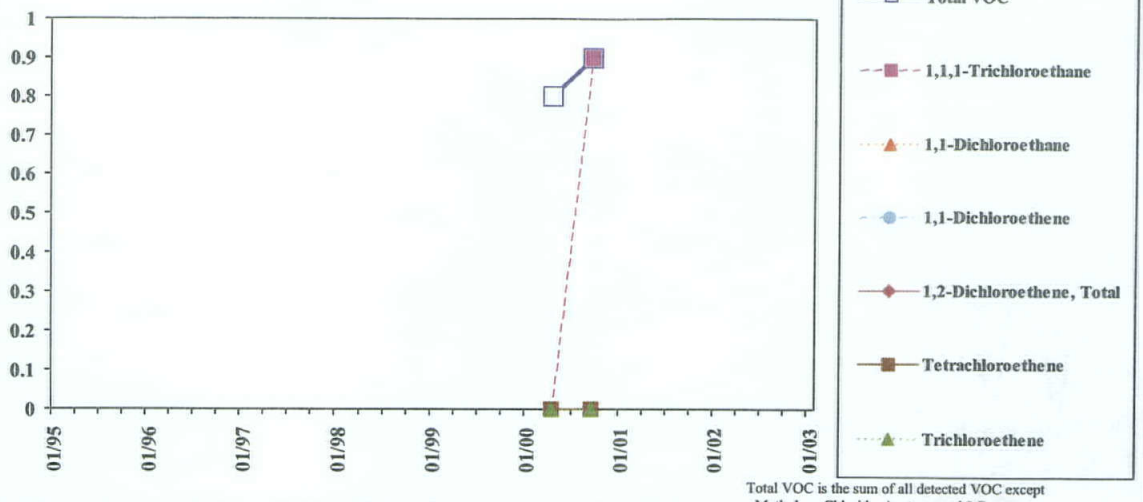
Sample Location:

MW-105A

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

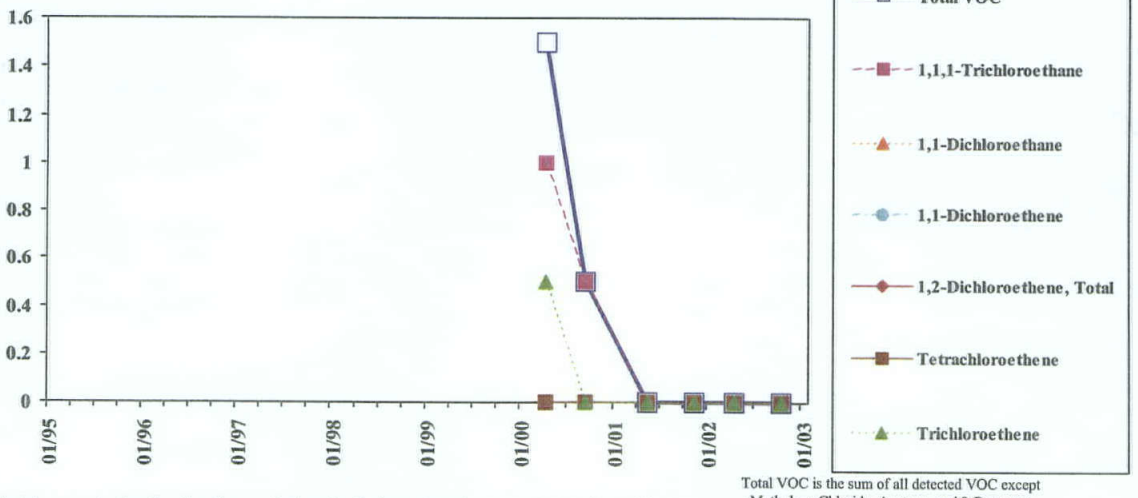
Sample Location:

MW-105A

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

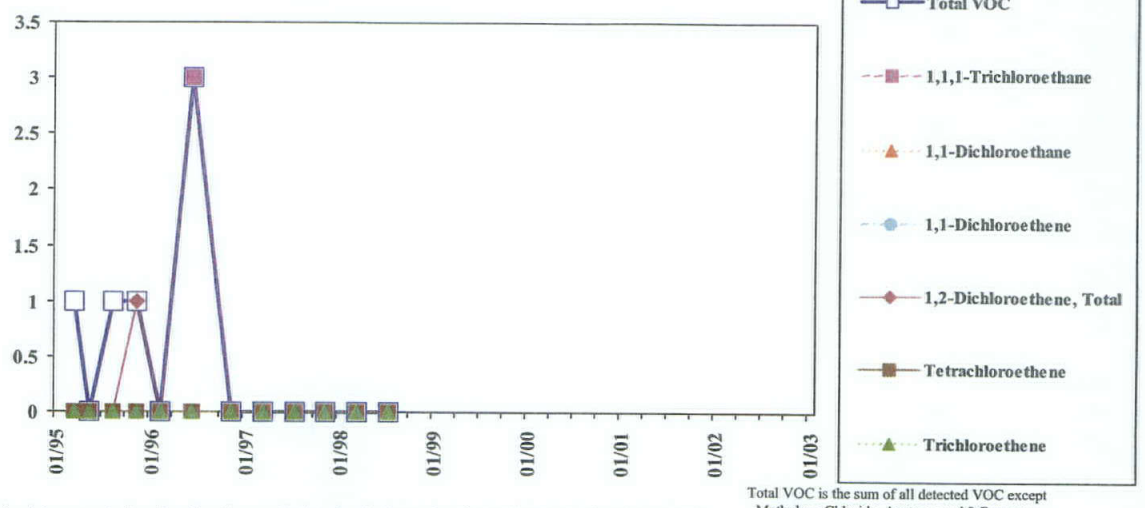
Sample Location:

MW-105B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

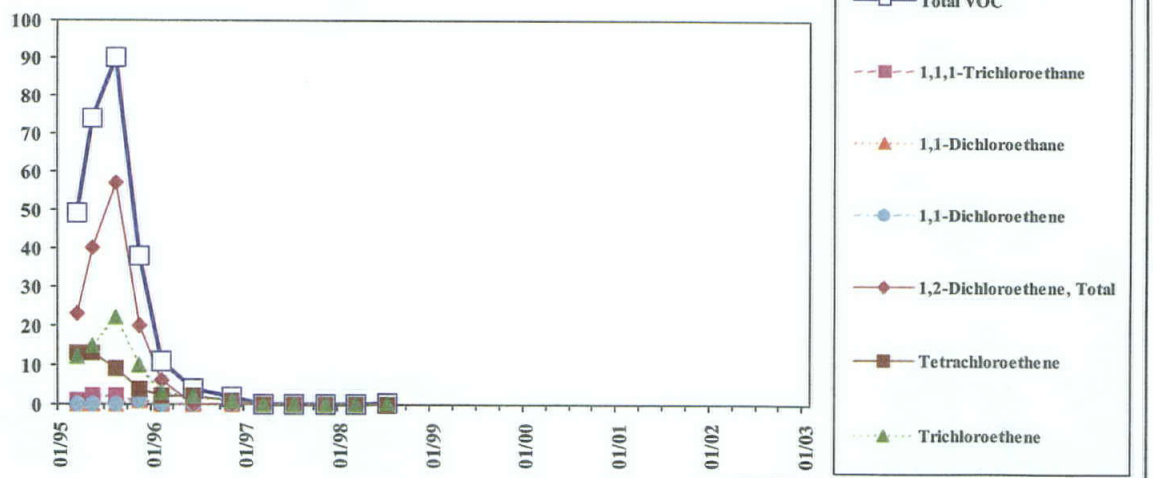
Sample Location:

MW-106

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

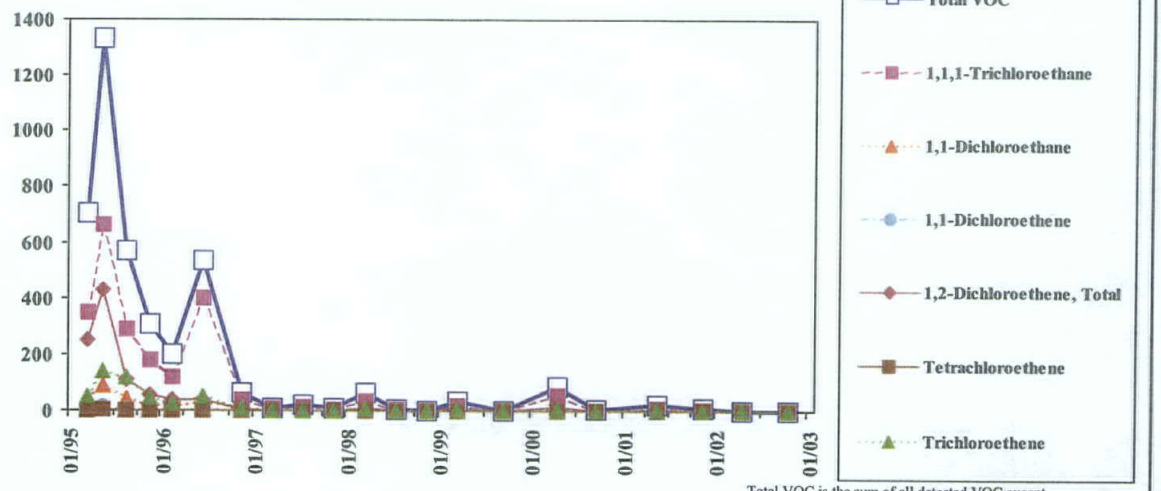
Sample Location:

MW-1104

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

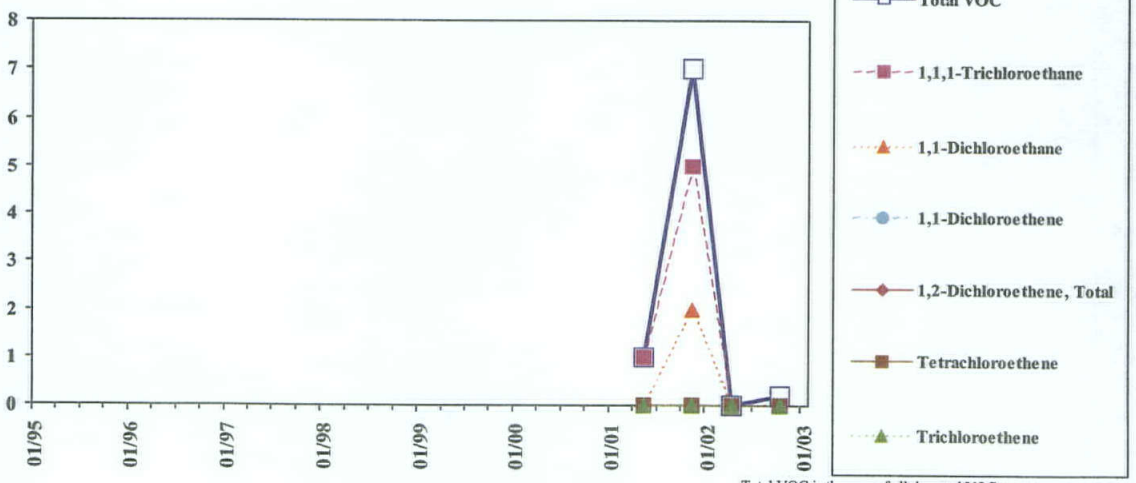
Sample Location:

MW-1104

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

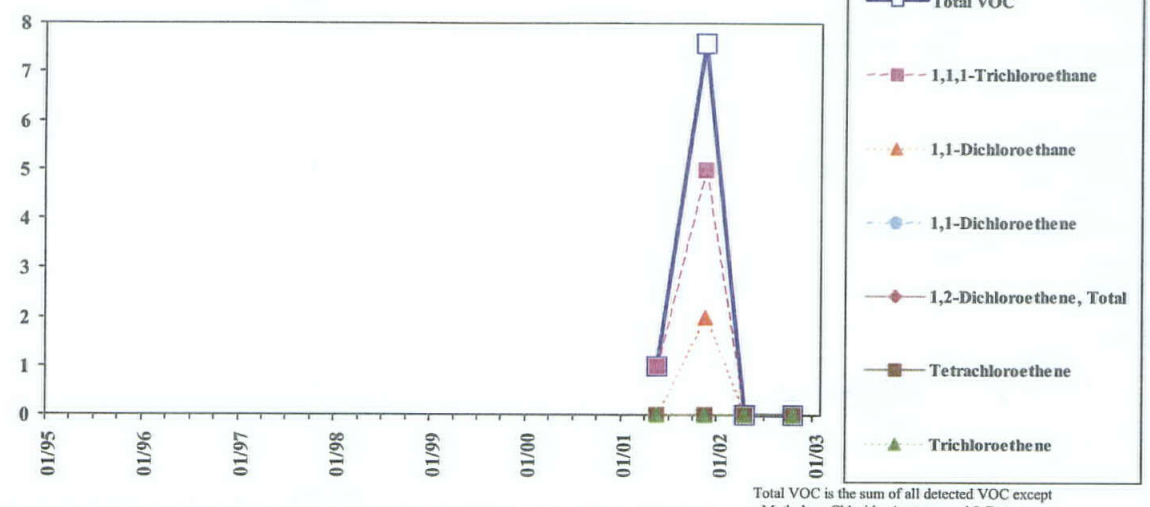
Sample Location:

MW-1104

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

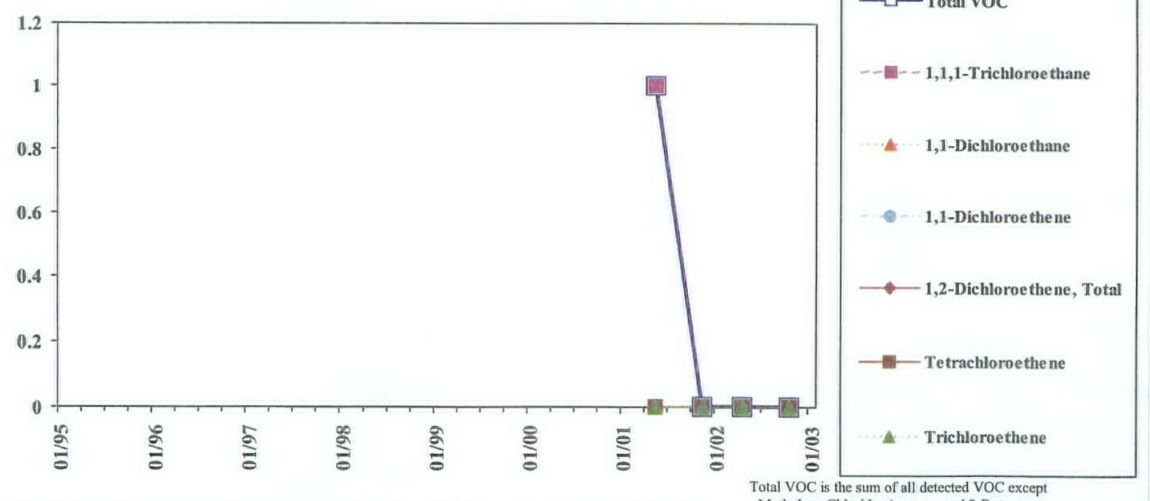
Sample Location:

MW-1104

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

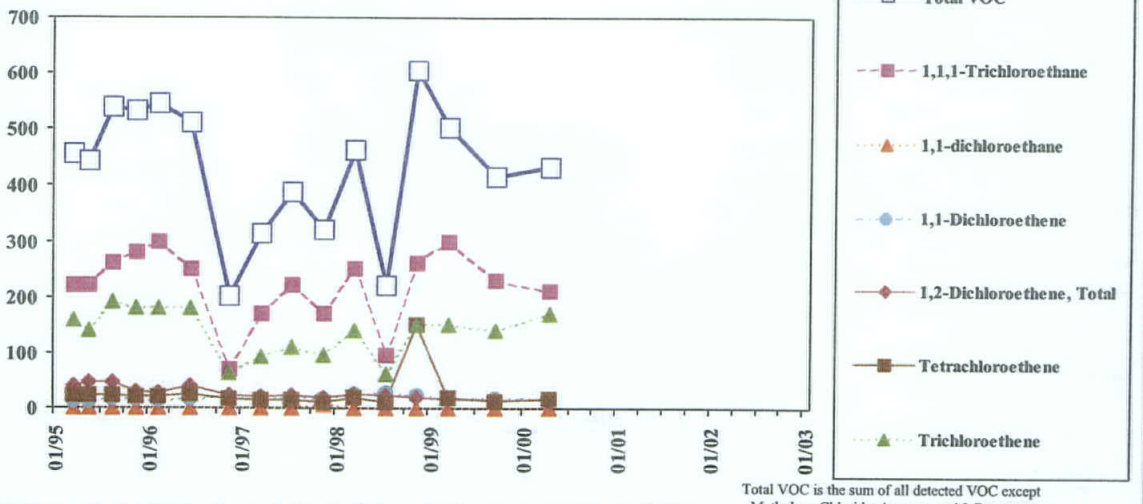
Sample Location:

MW-205

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

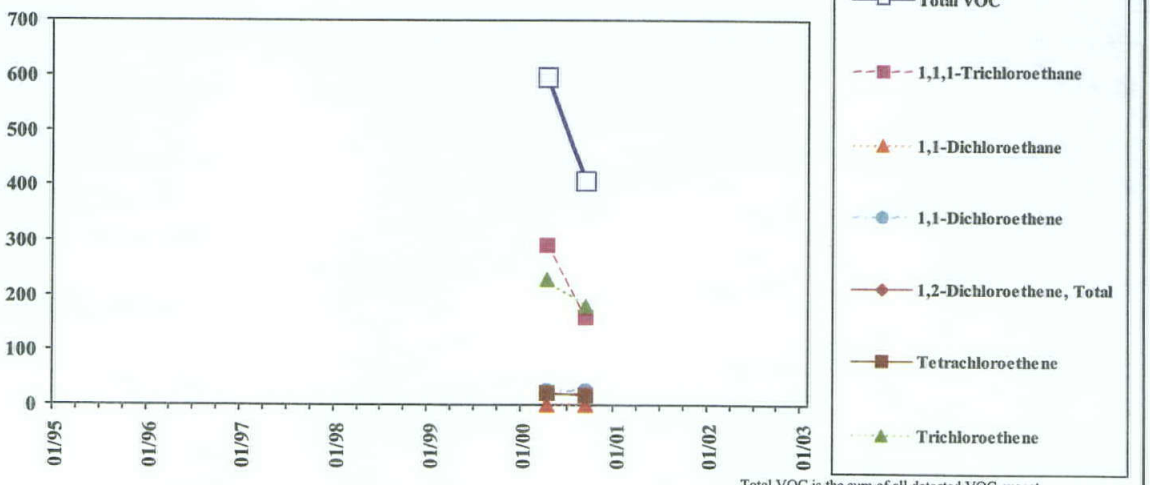
Sample Location:

MW-205

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

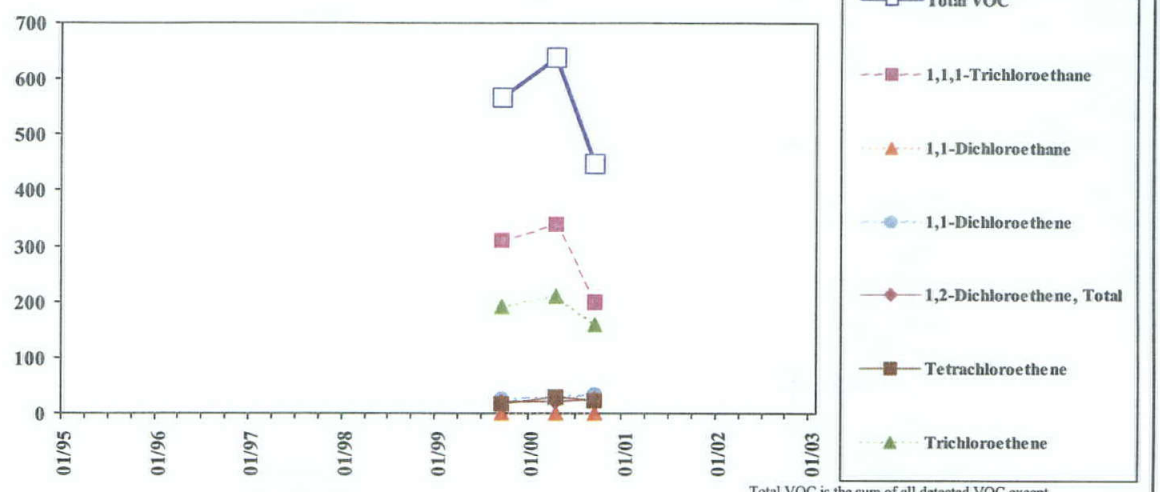
Sample Location:

MW-205

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

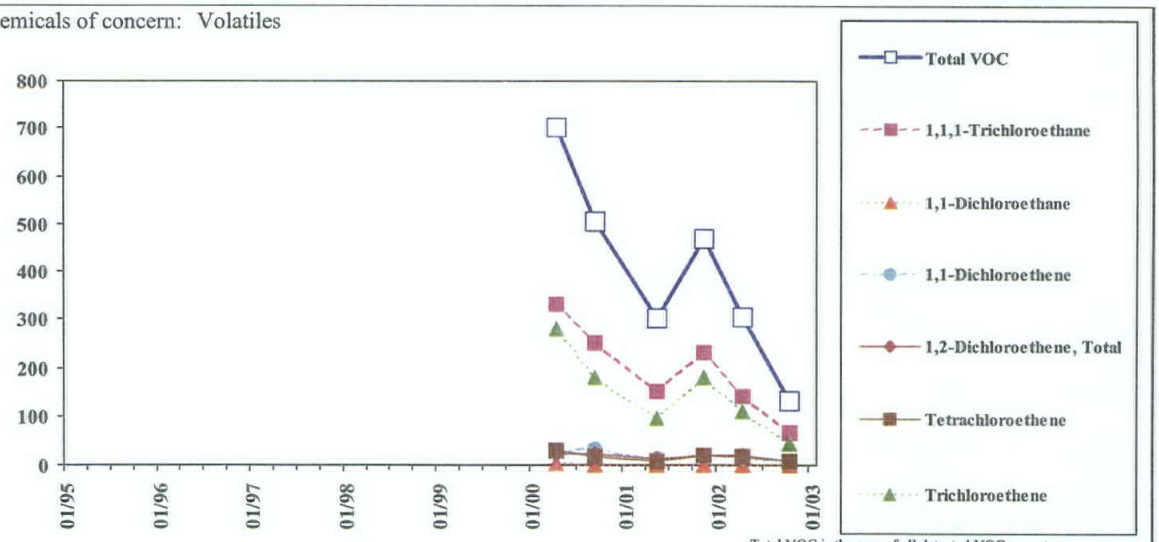
Sample Location:

MW-205

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

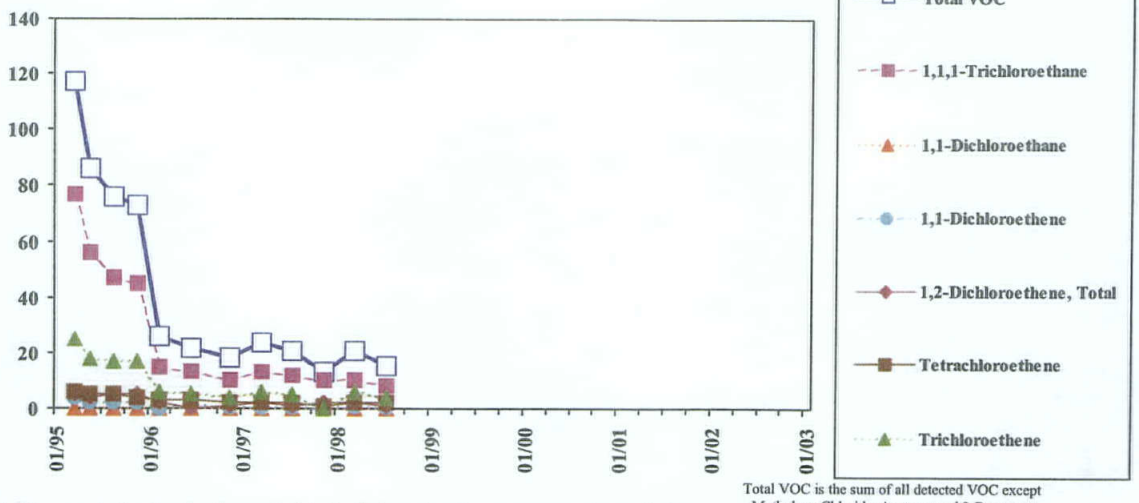
Sample Location:

MW-206A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

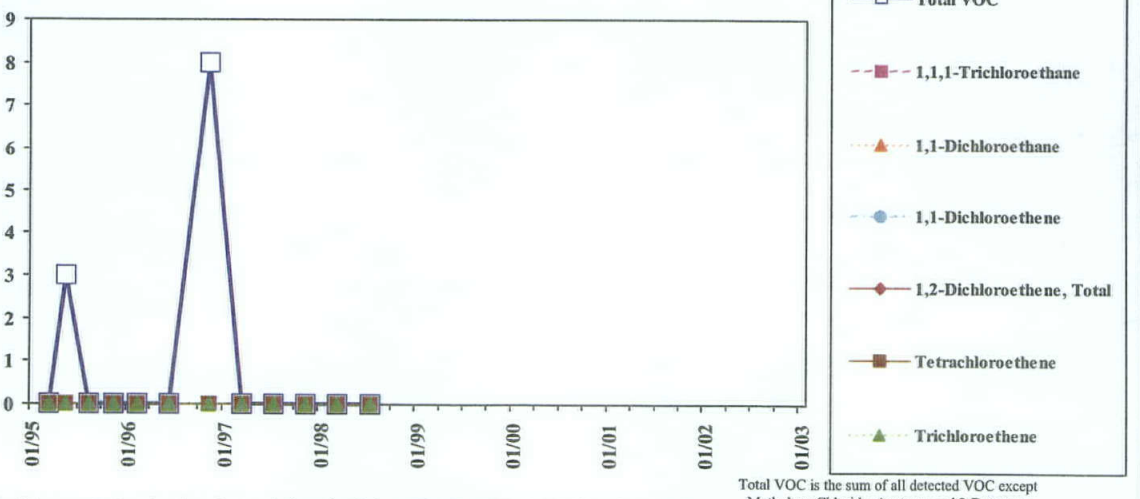
Sample Location:

MW-206B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

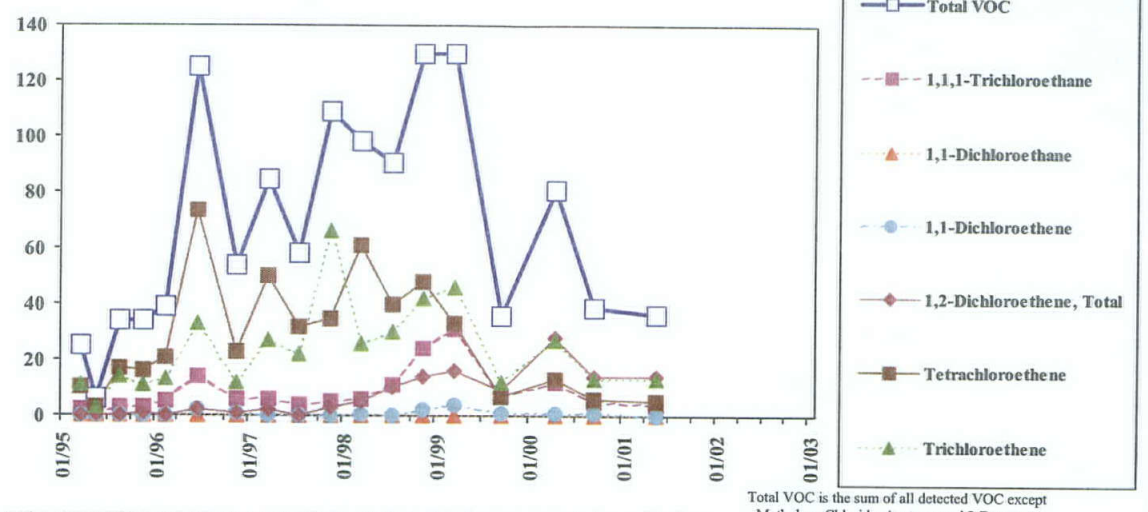
Sample Location:

MW-207A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

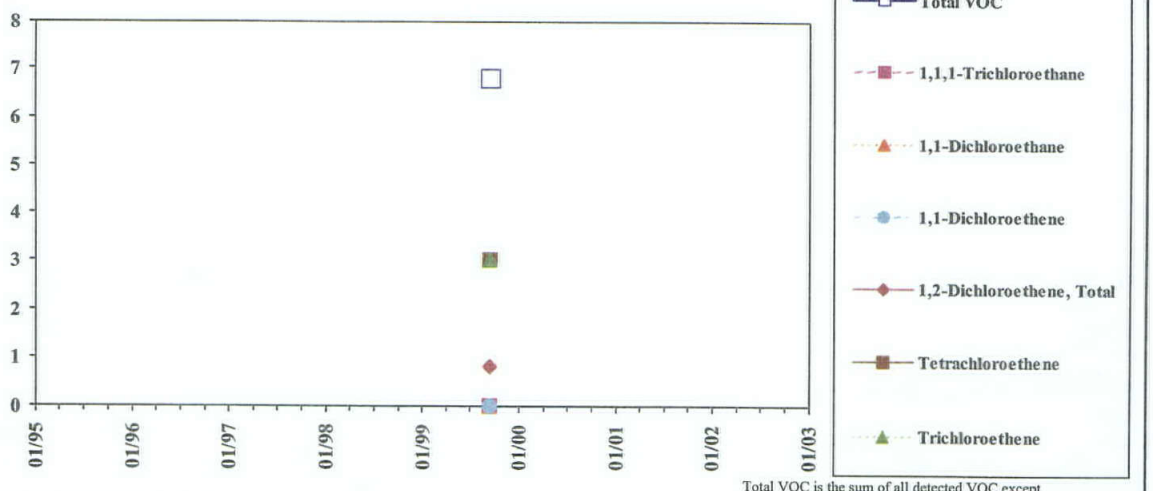
Sample Location:

MW-207A

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

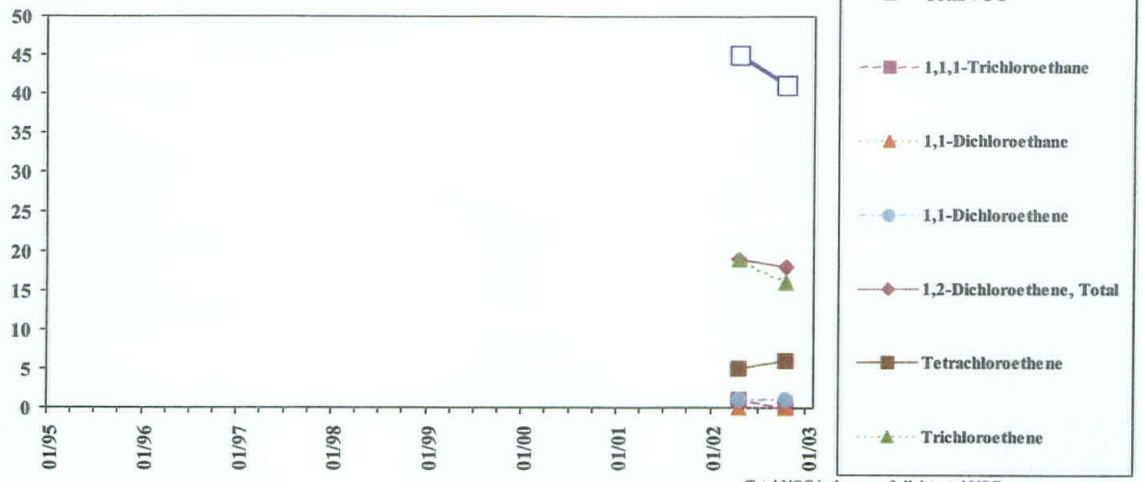
Sample Location:

MW-207AR

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

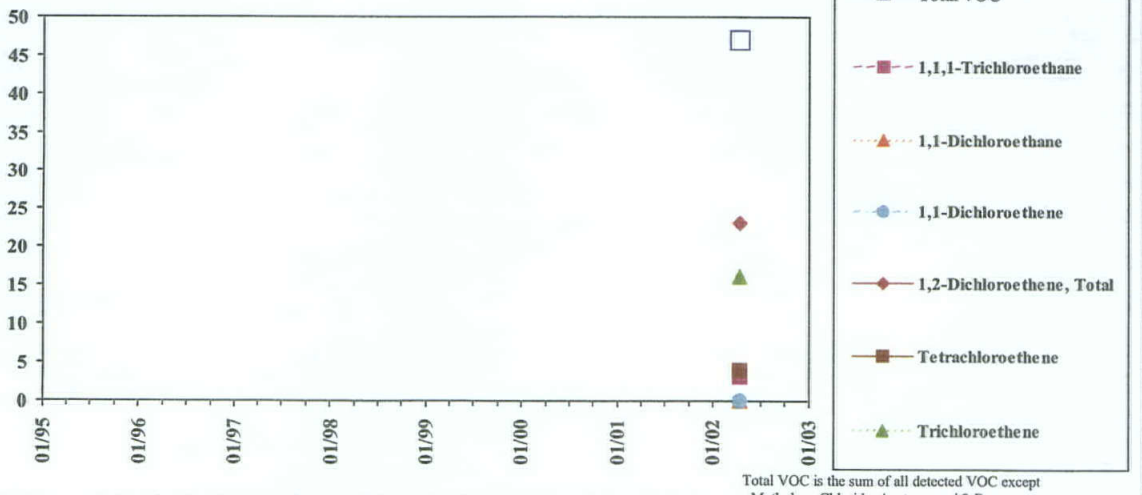
Sample Location:

MW-207AR

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

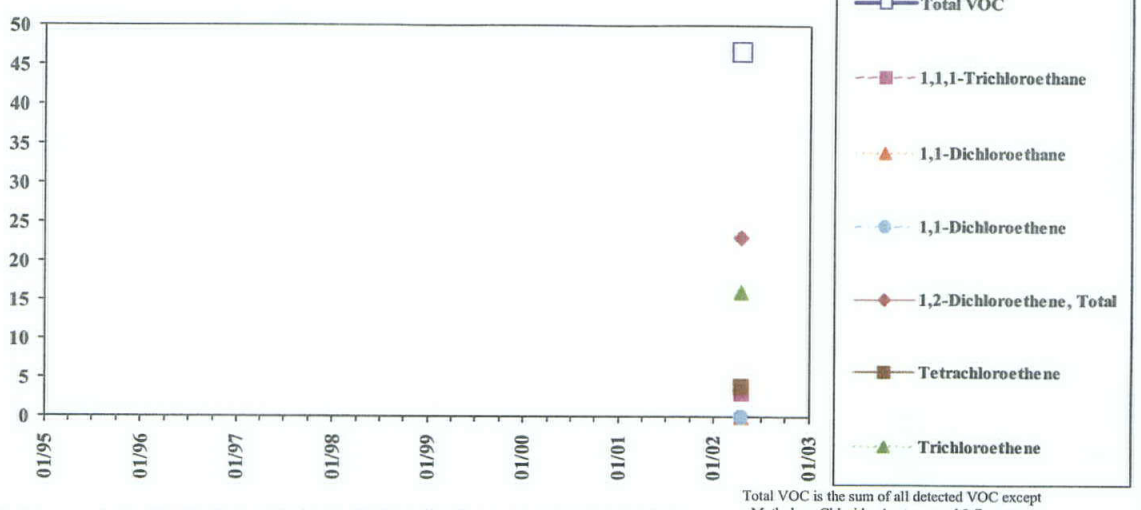
Sample Location:

MW-207AR

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

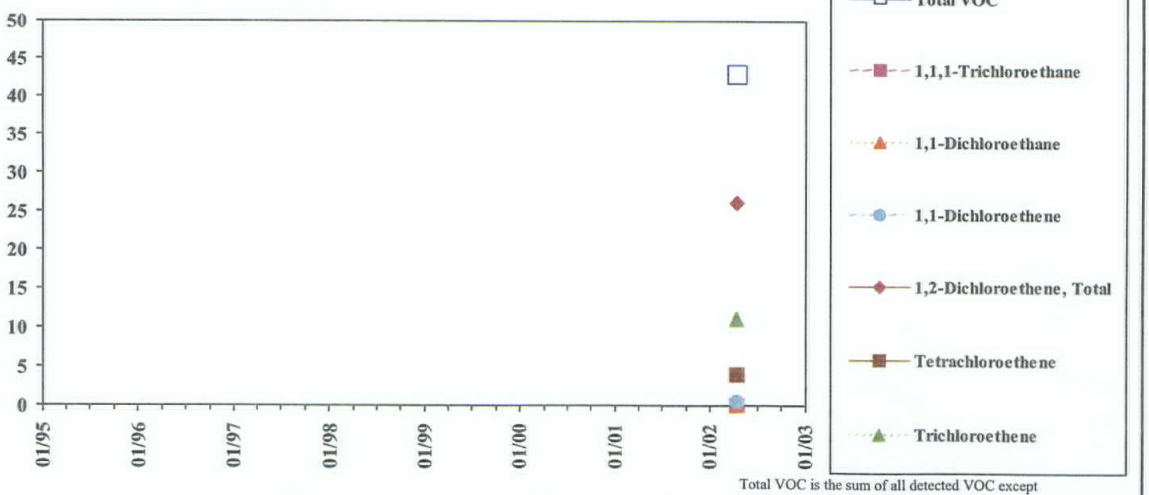
Sample Location:

MW-207AR

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

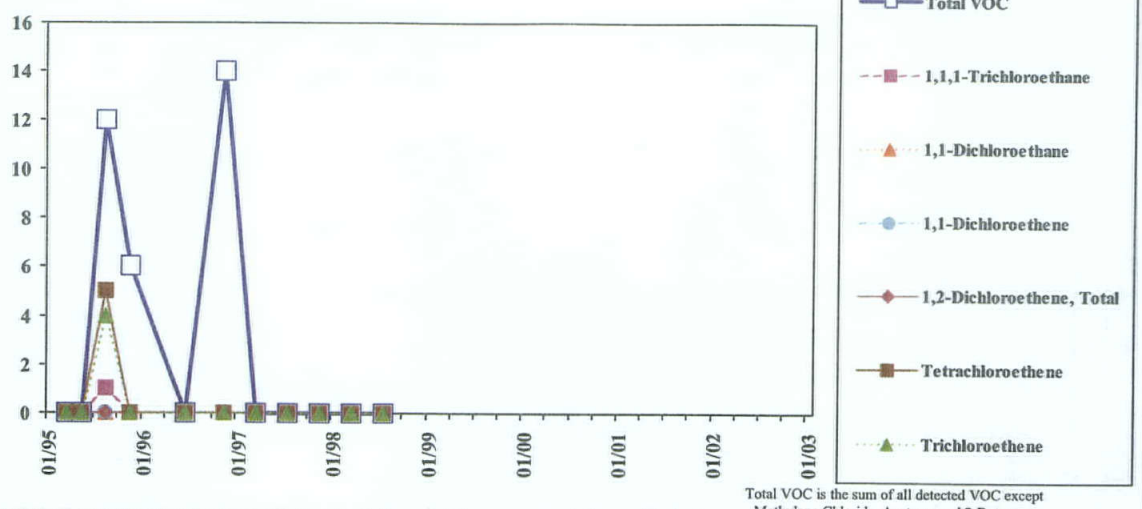
Sample Location:

MW-207B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

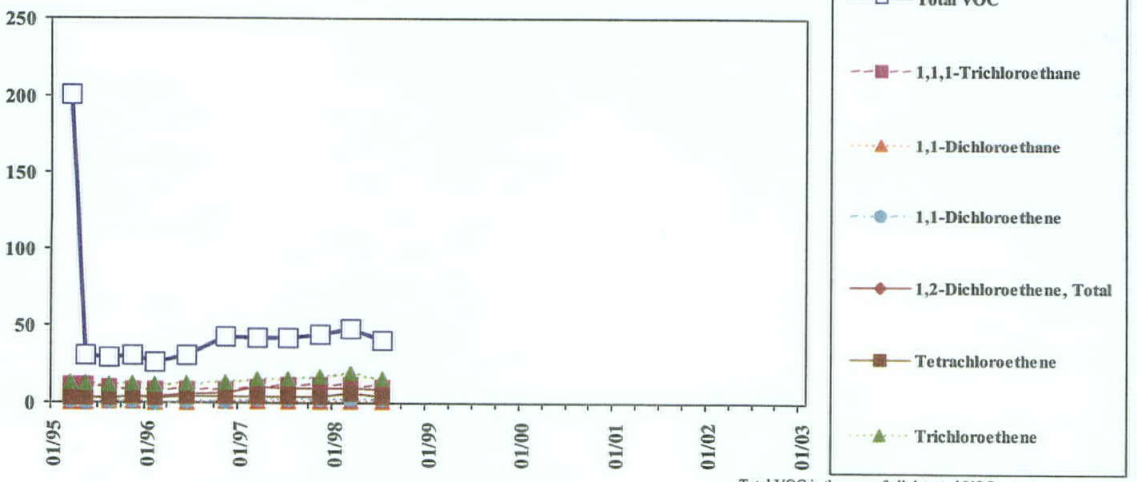
Sample Location:

MW-208

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

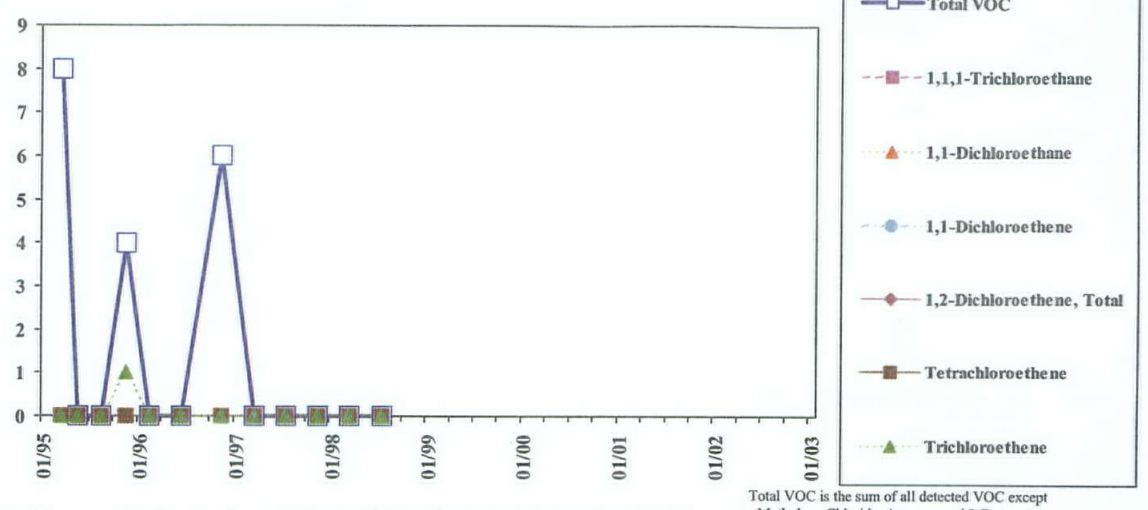
Sample Location:

MW-209

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

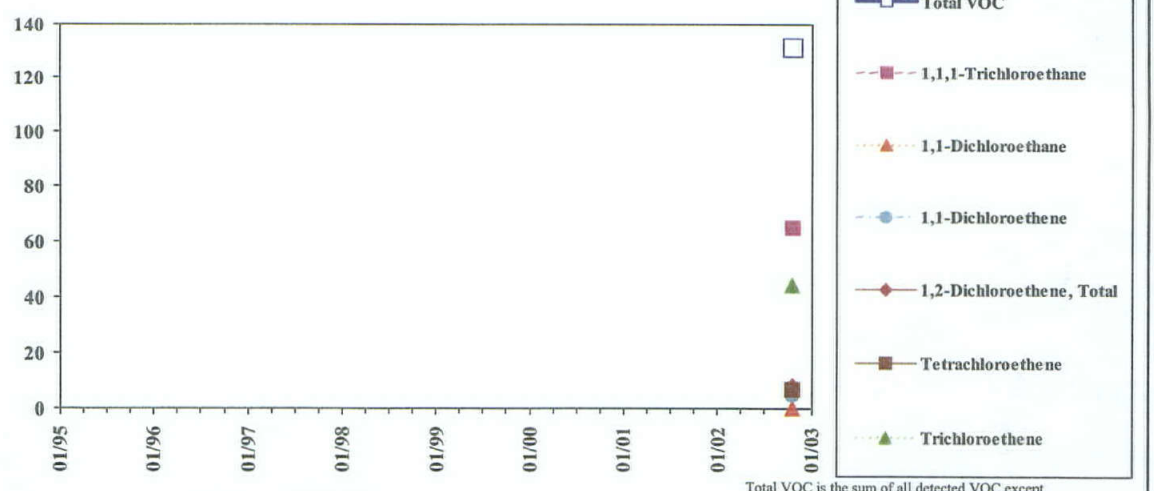
Sample Location:

MW-209

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

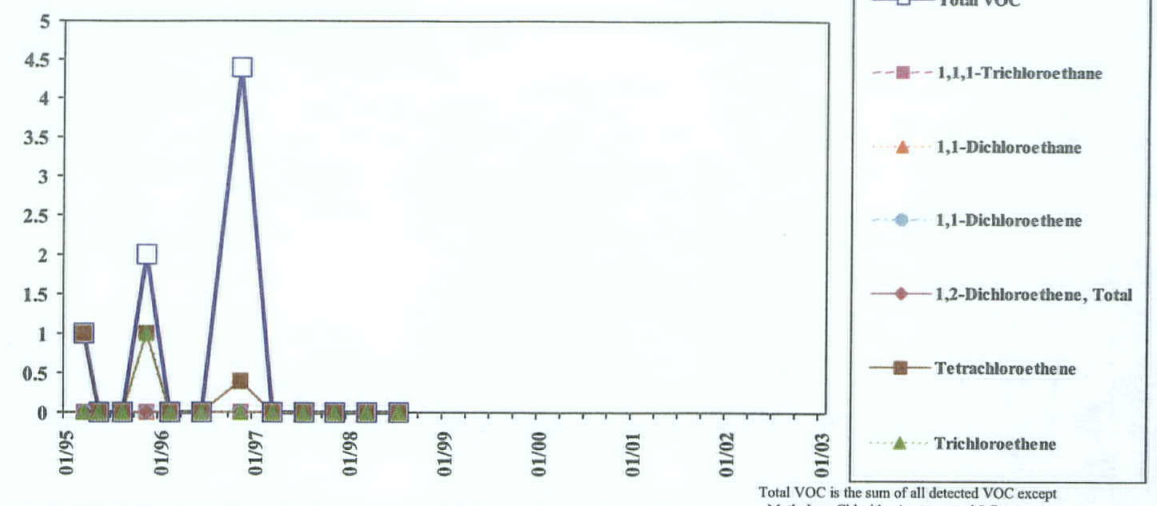
Sample Location:

MW-222

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

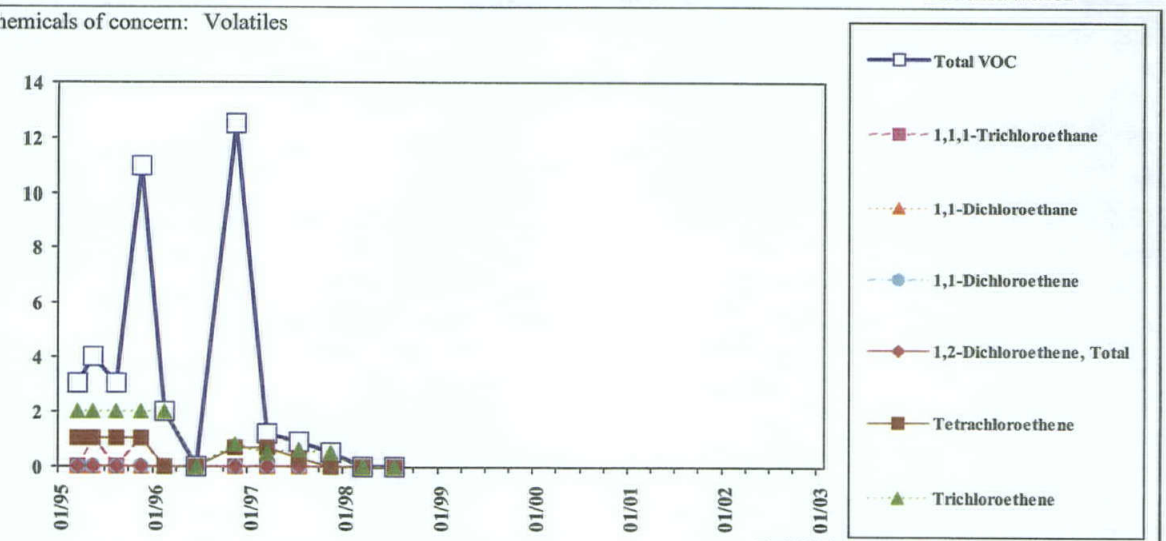
Sample Location:

MW-223

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

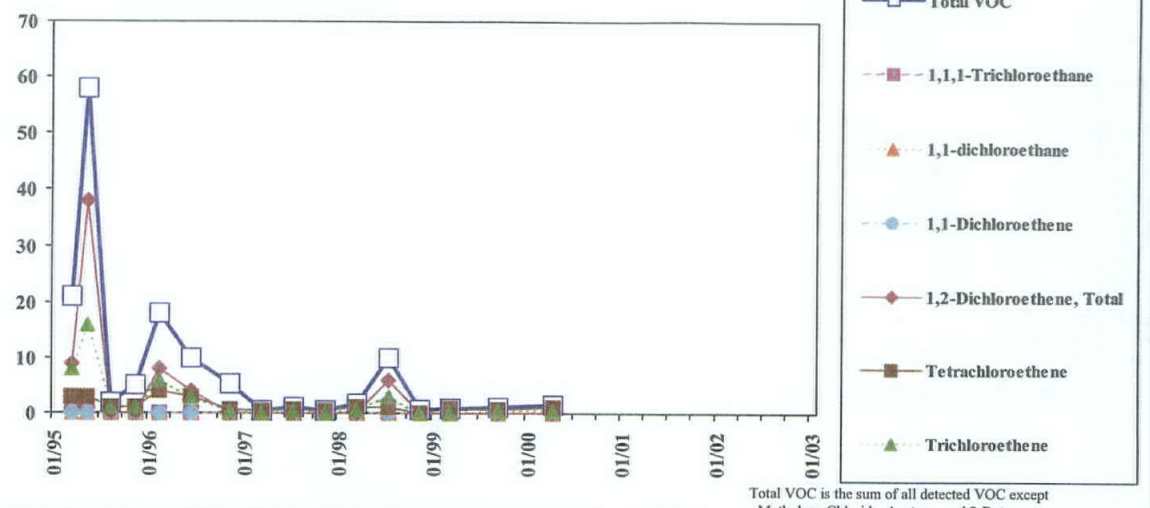
Sample Location:

MW-224

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

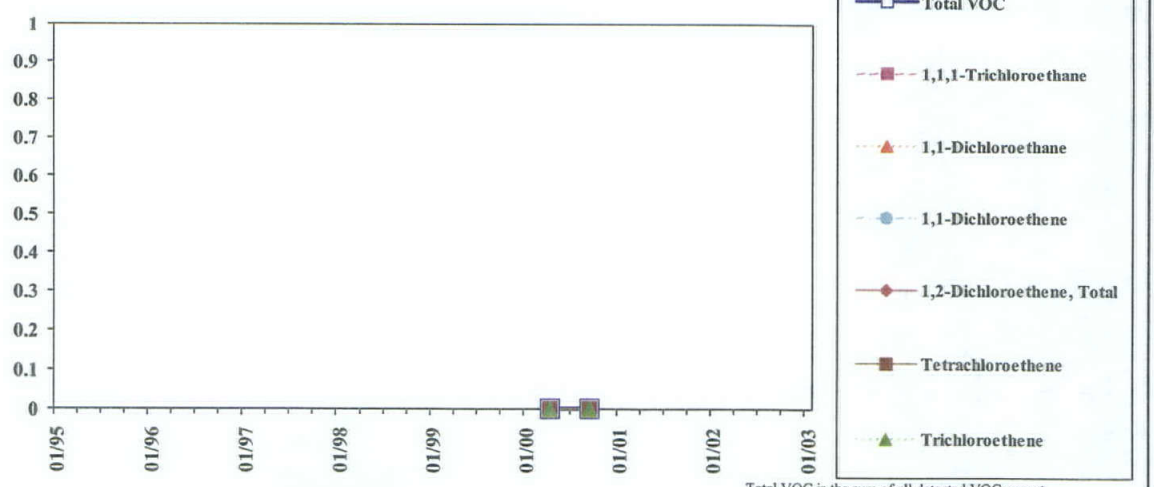
Sample Location:

MW-224

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

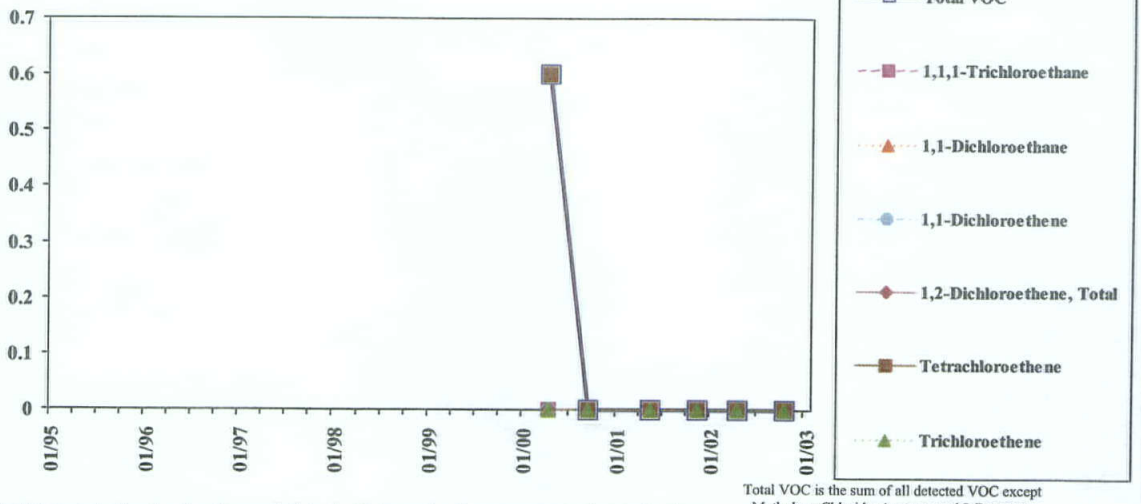
Sample Location:

MW-224

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

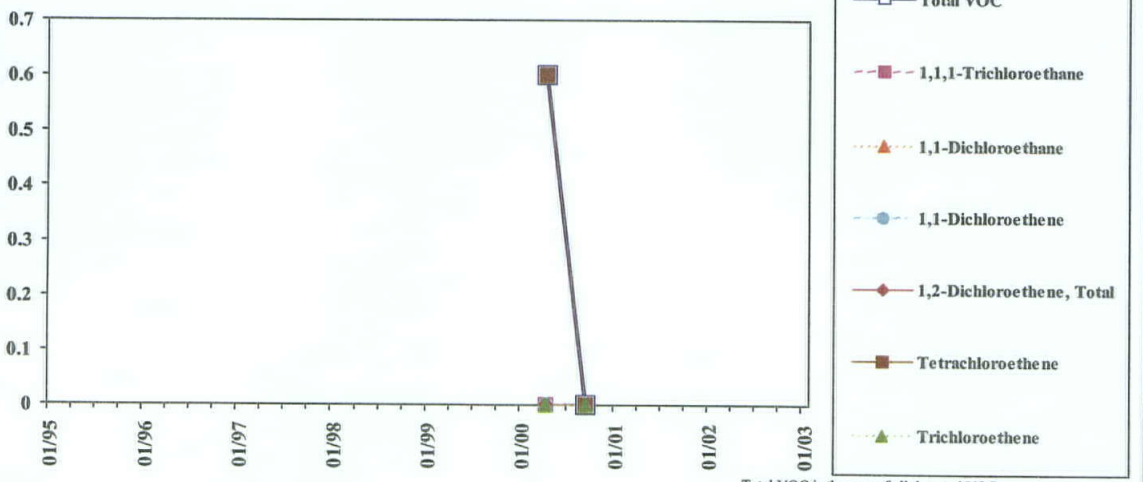
Sample Location:

MW-224

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

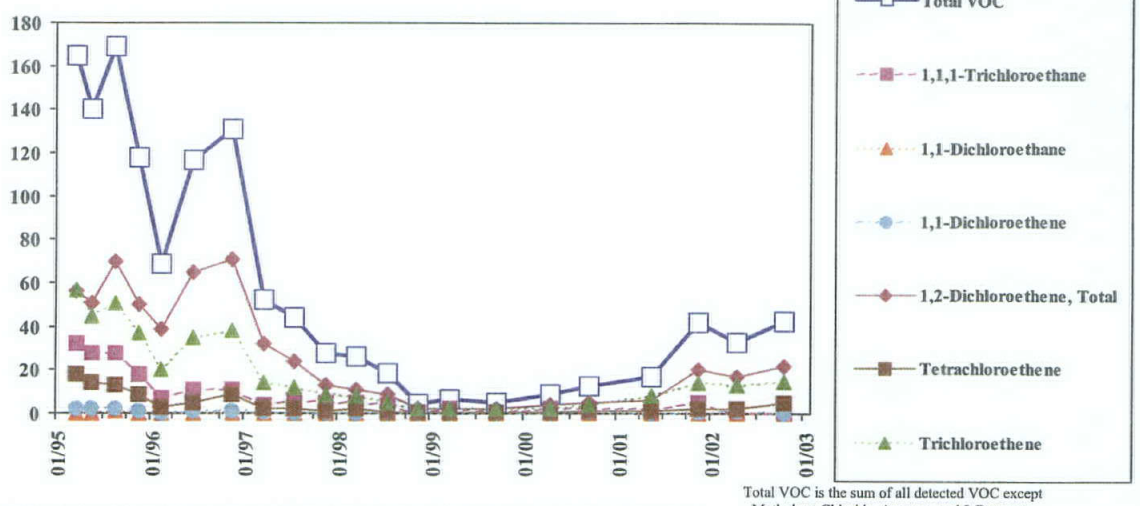
Sample Location:

MW-225A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

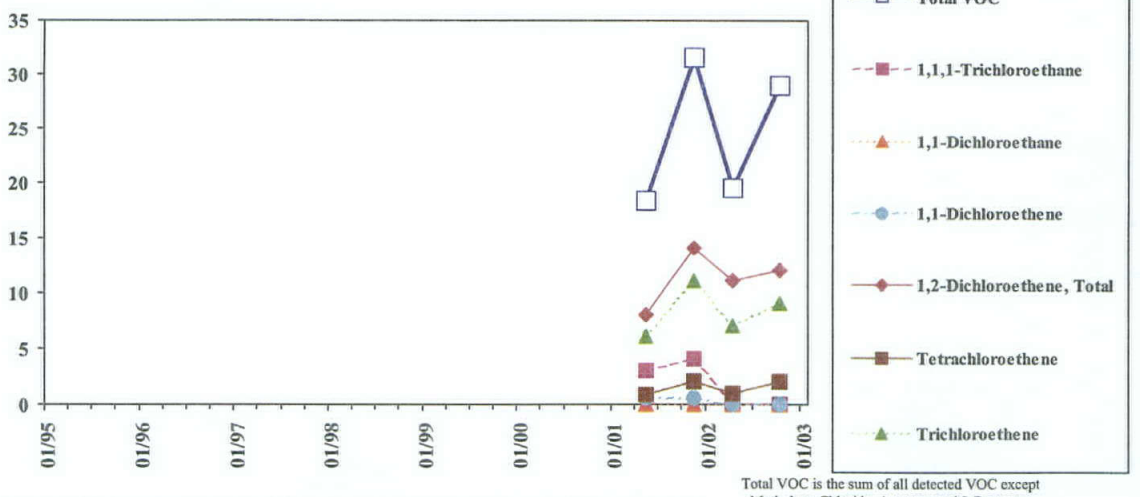
Sample Location:

MW-225A

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

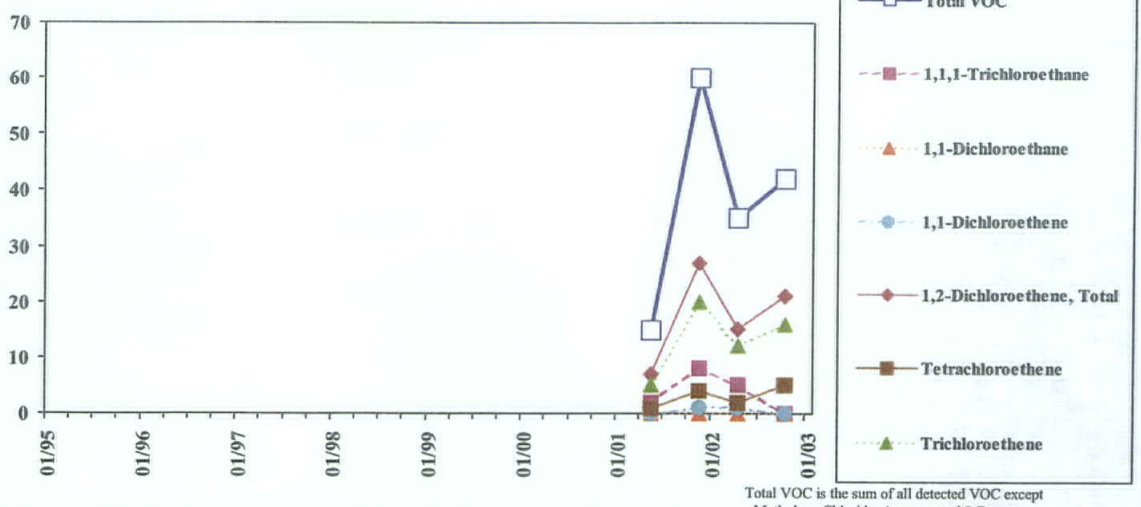
Sample Location:

MW-225A

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

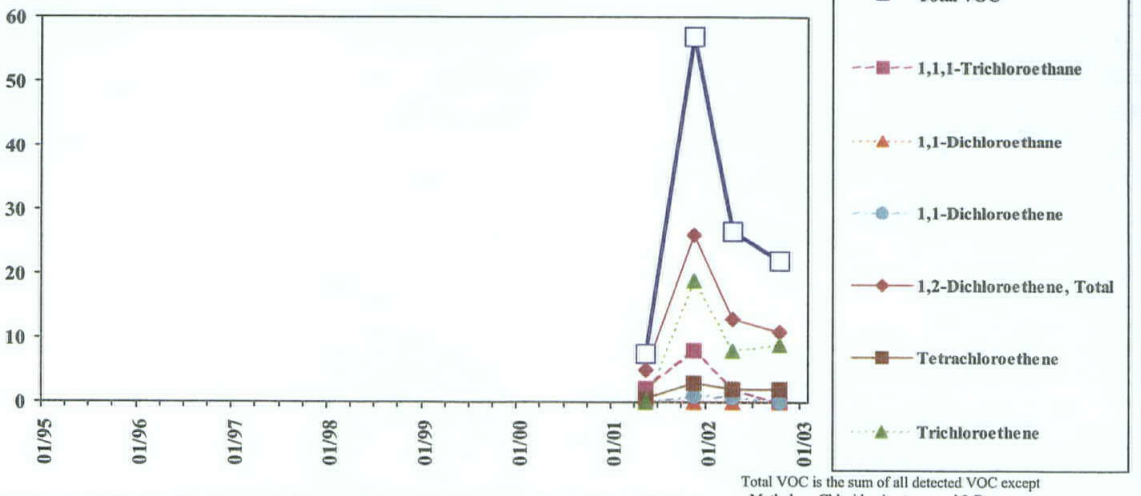
Sample Location:

MW-225A

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

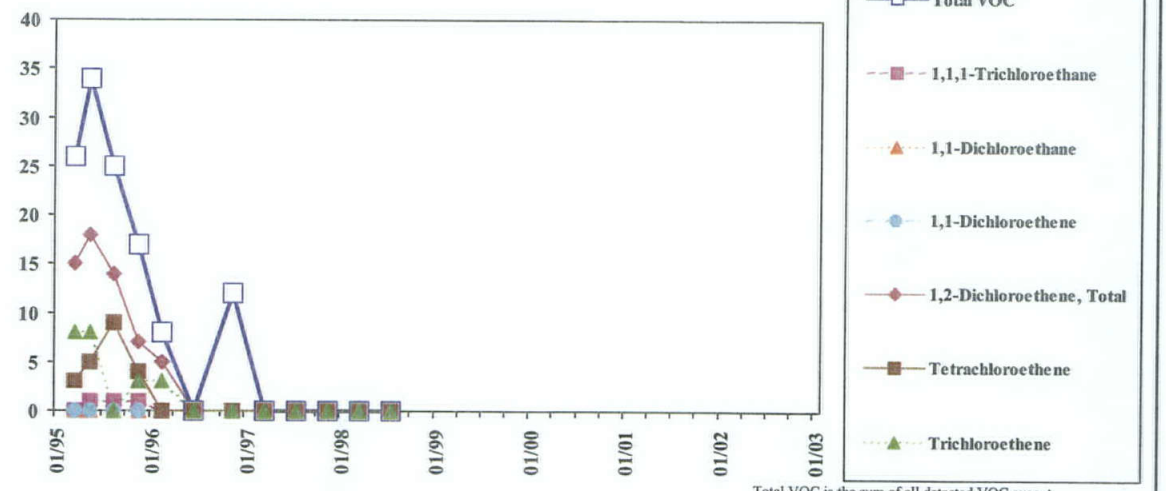
Sample Location:

MW-225B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

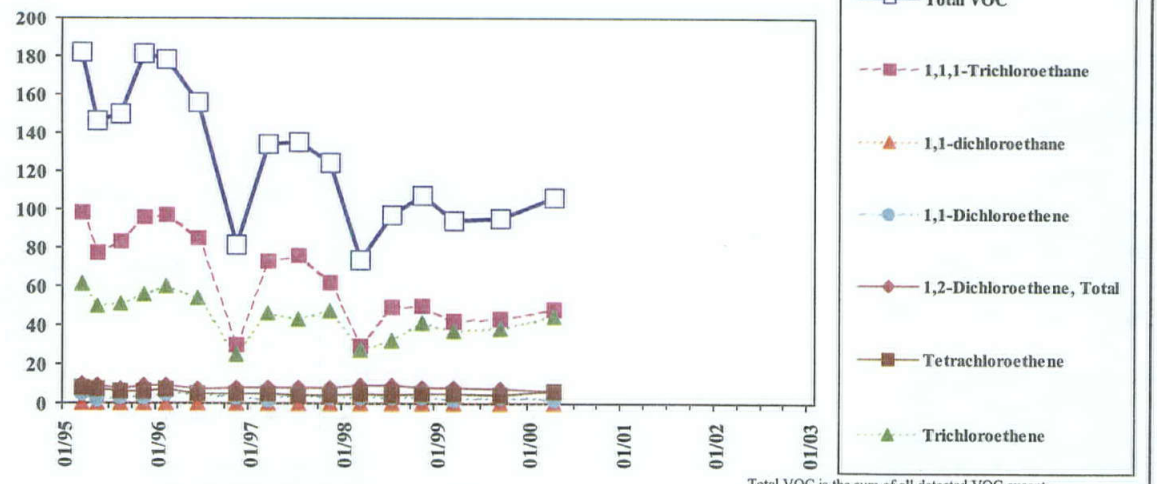
Sample Location:

MW-229A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

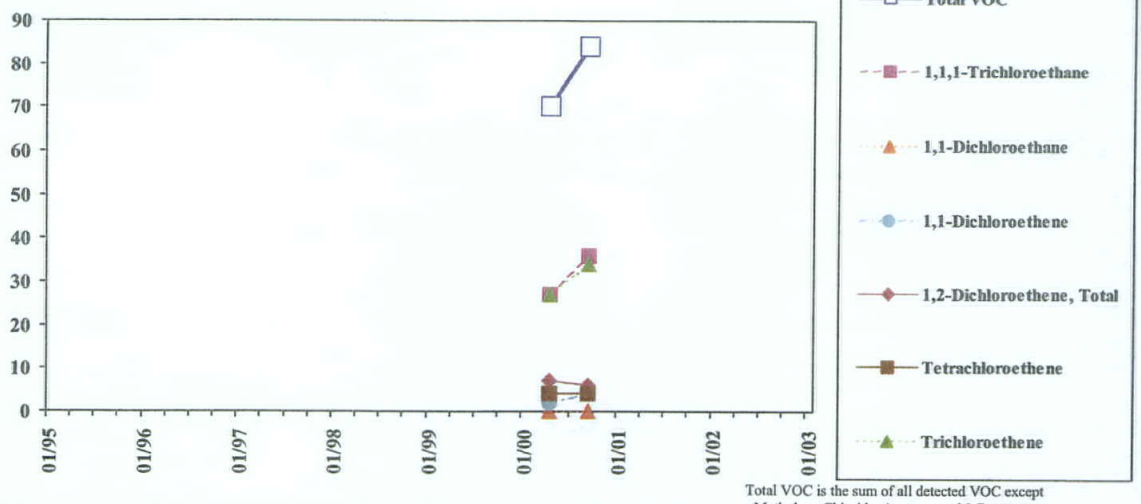
Sample Location:

MW-229A

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

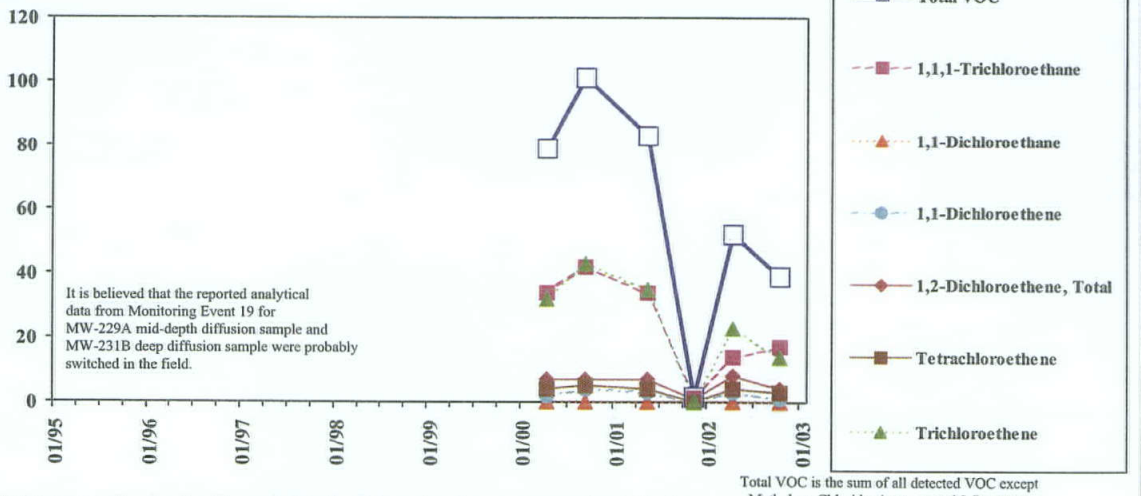
Sample Location:

MW-229A

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



It is believed that the reported analytical data from Monitoring Event 19 for MW-229A mid-depth diffusion sample and MW-231B deep diffusion sample were probably switched in the field.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

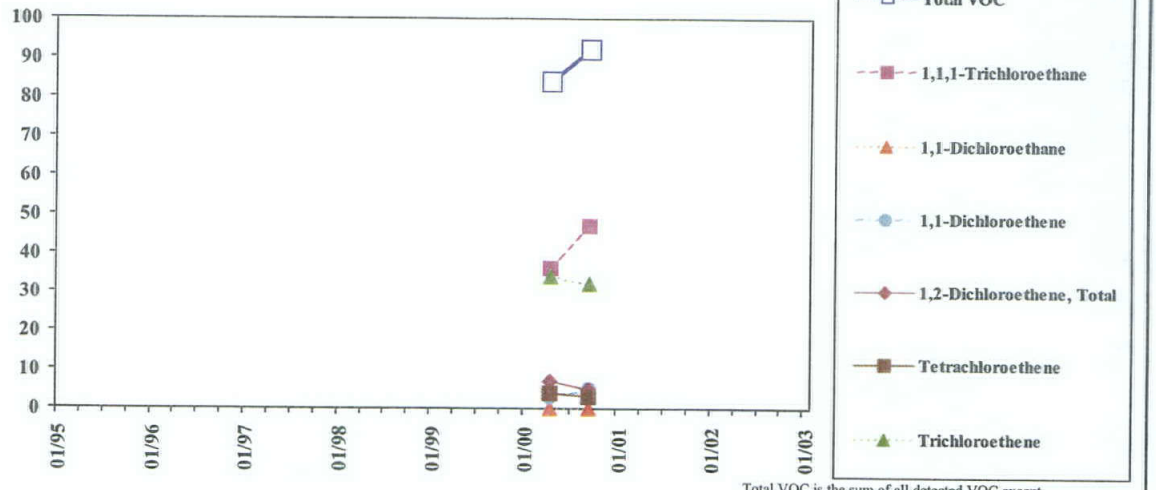
Sample Location:

MW-229A

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

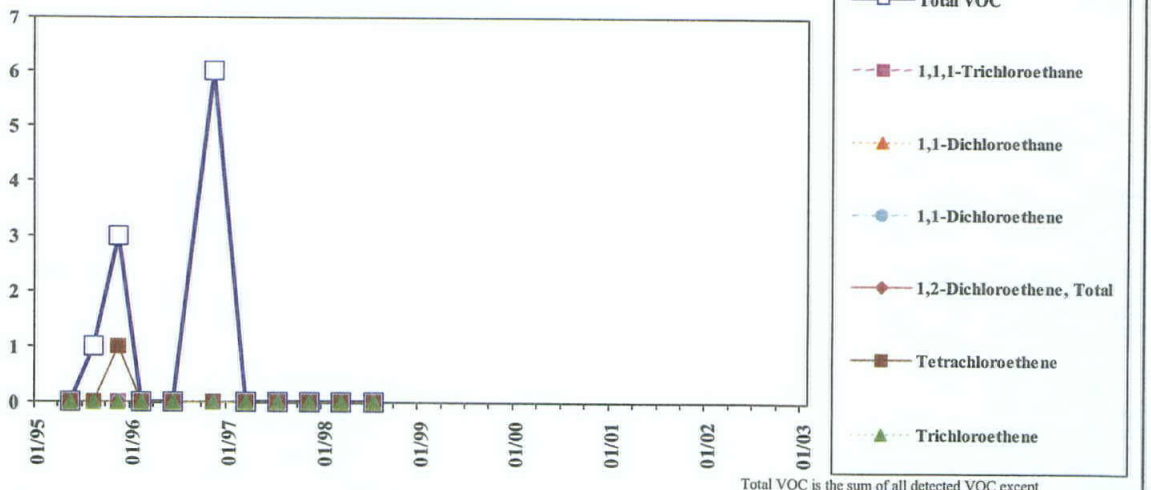
Sample Location:

MW-229B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

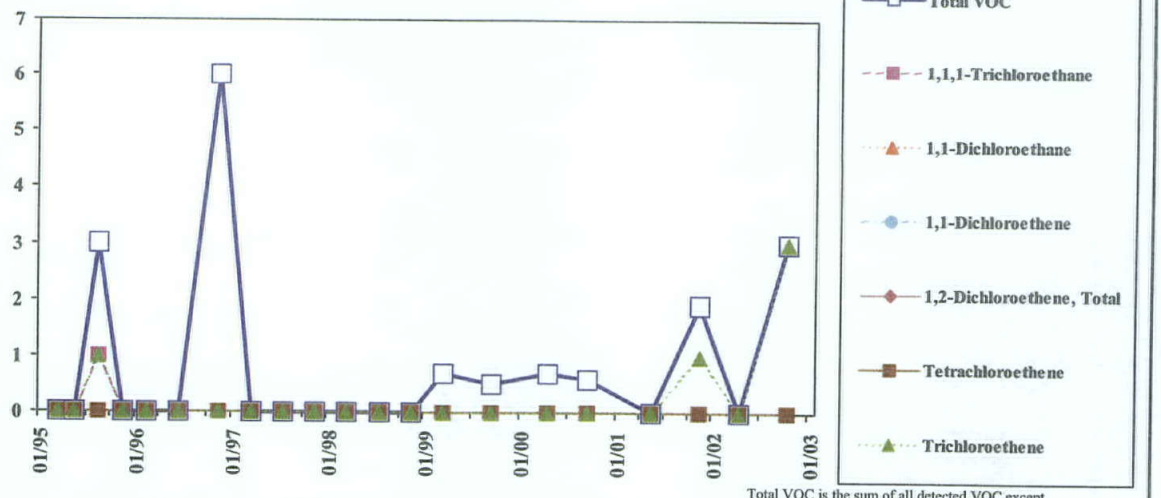
Sample Location:

MW-230A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

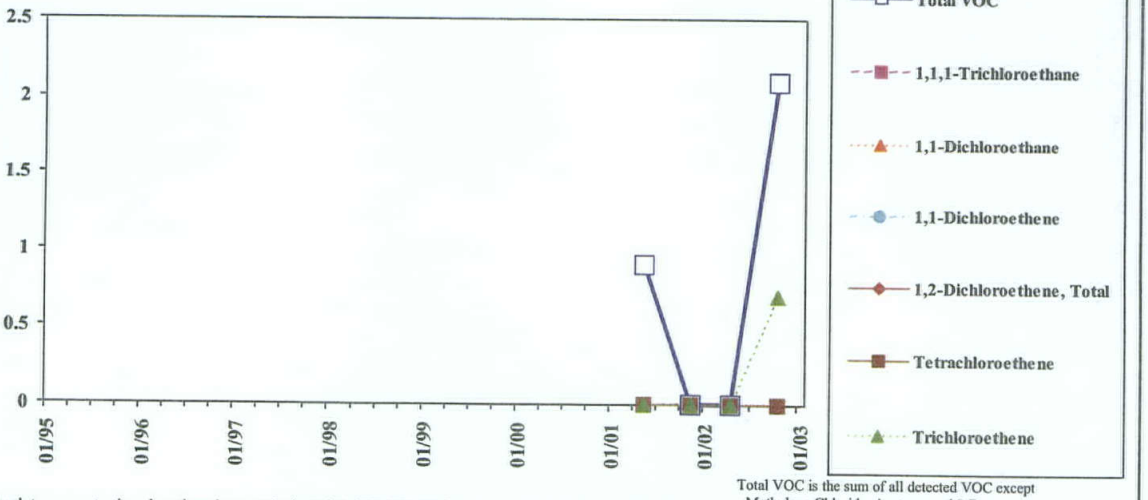
Sample Location:

MW-230A

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

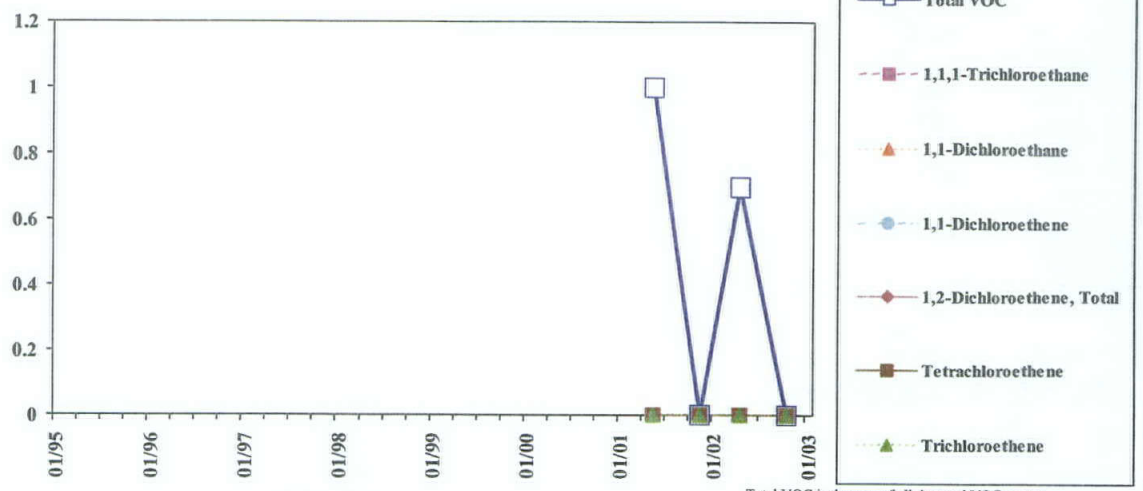
Sample Location:

MW-230A

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

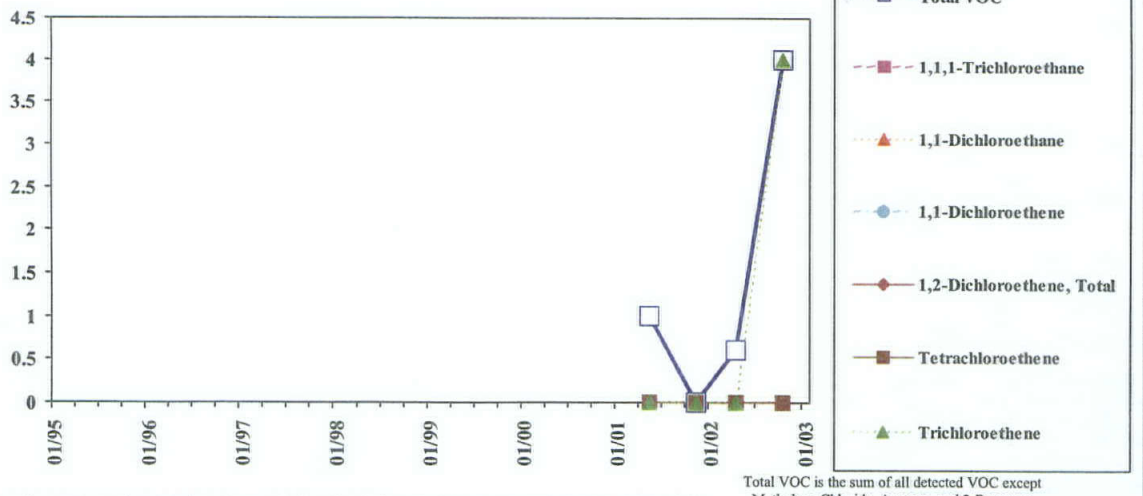
Sample Location:

MW-230A

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

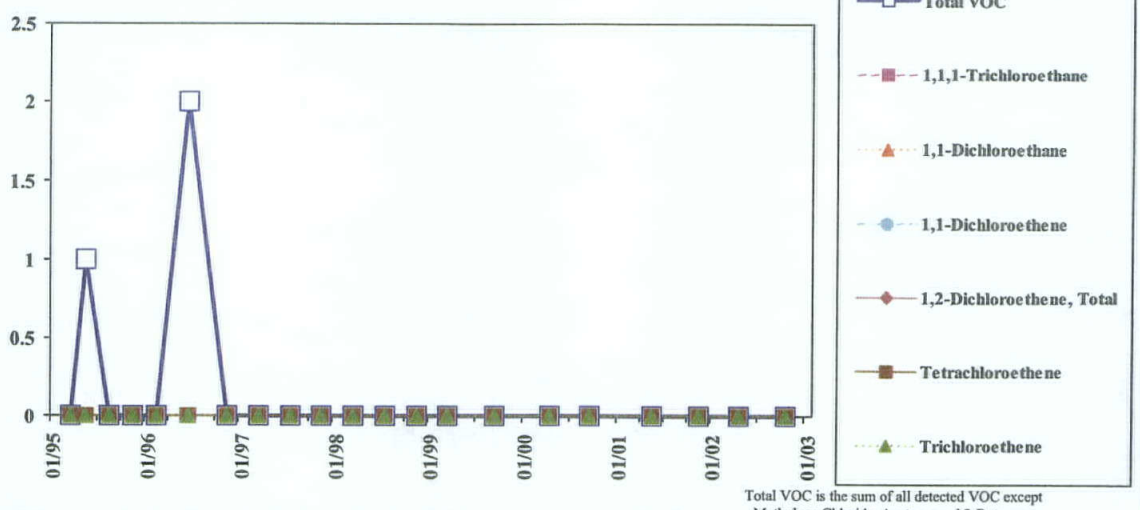
Sample Location:

MW-231A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

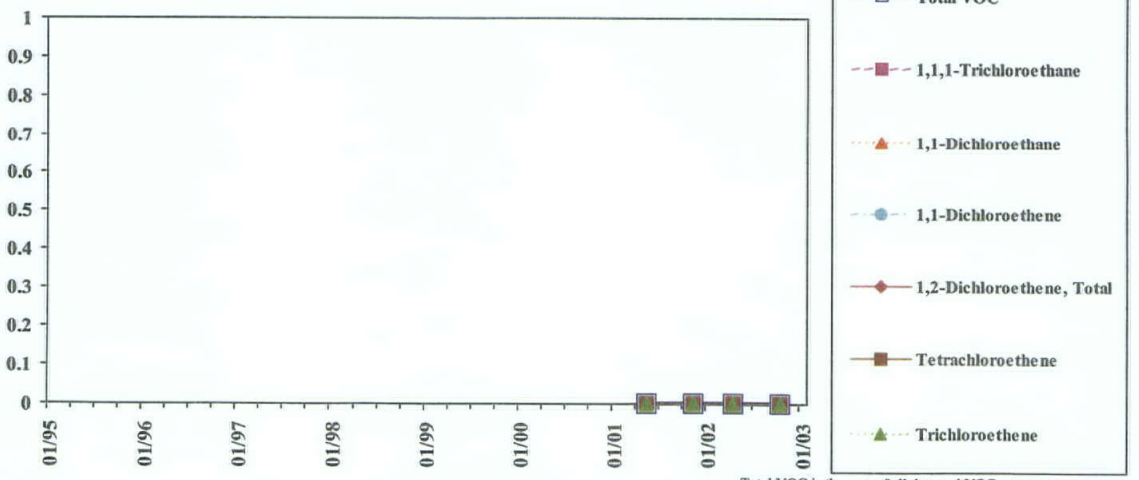
Sample Location:

MW-231A

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

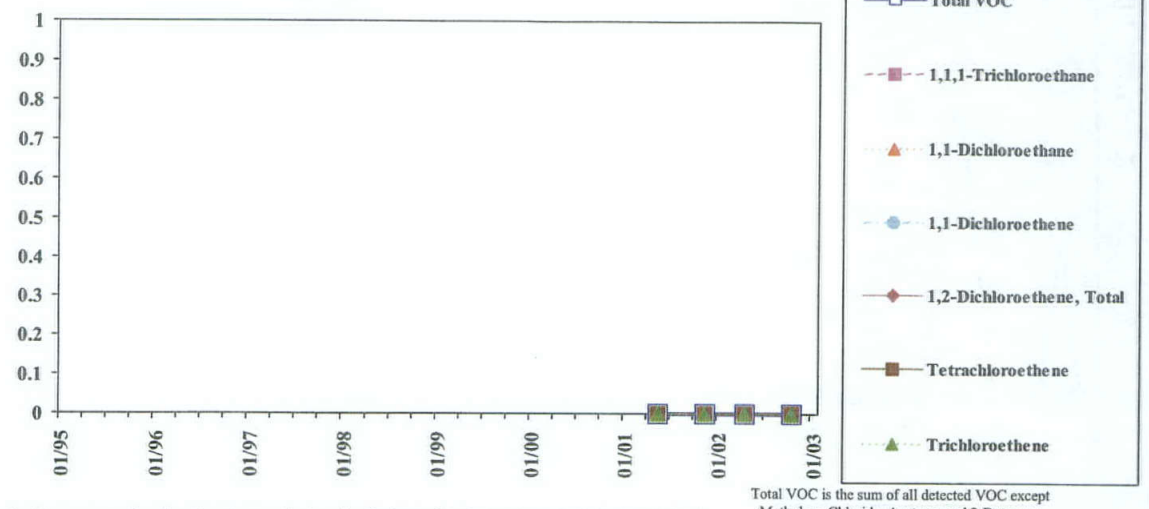
Sample Location:

MW-231A

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

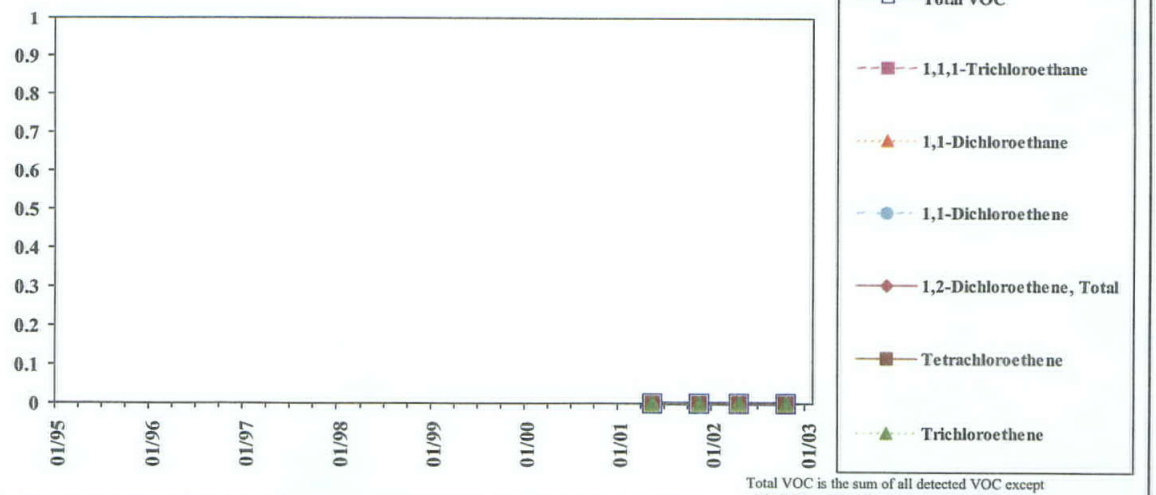
Sample Location:

MW-231A

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

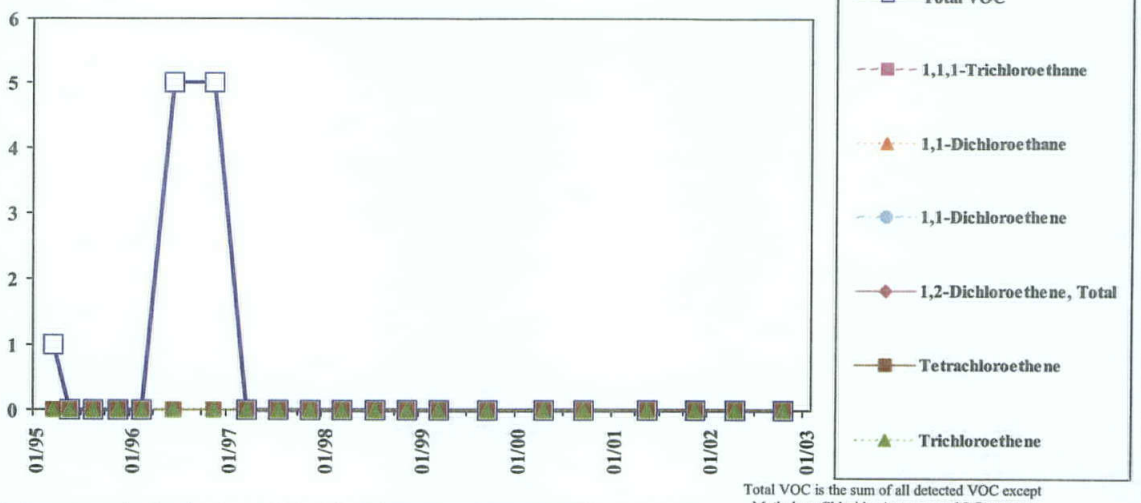
Sample Location:

MW-231B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

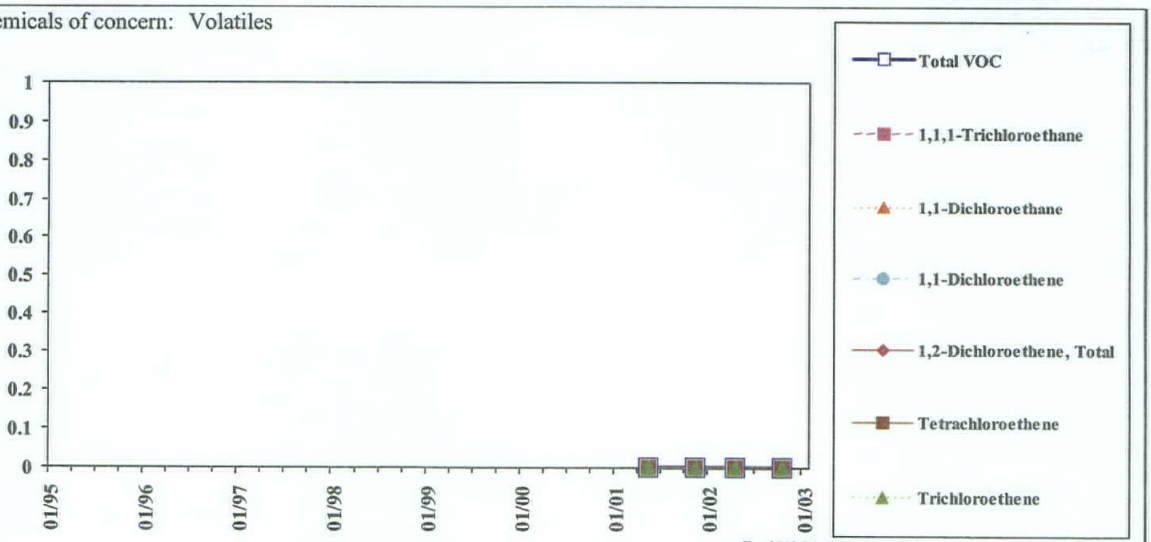
Sample Location:

MW-231B

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

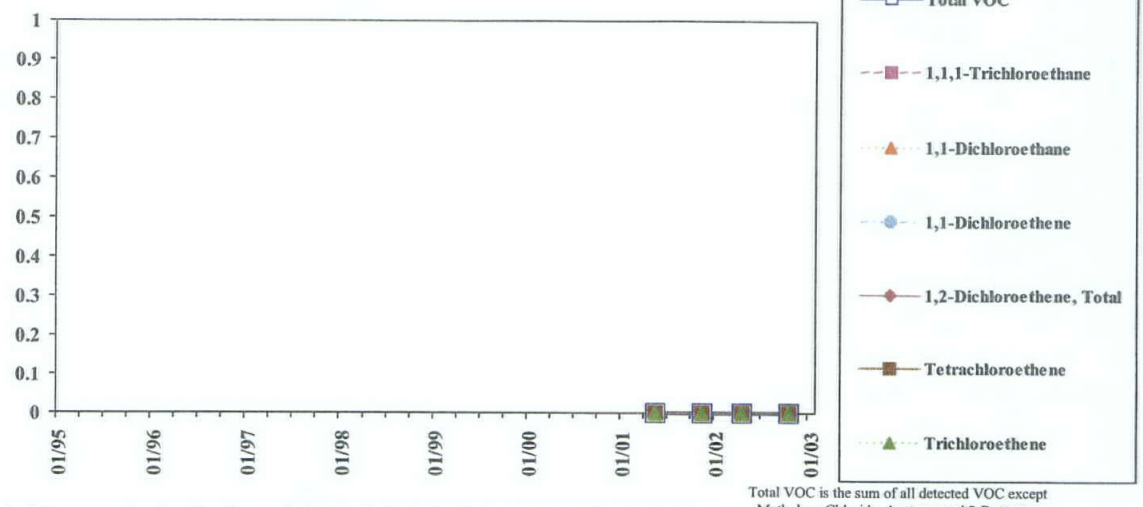
Sample Location:

MW-231B

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

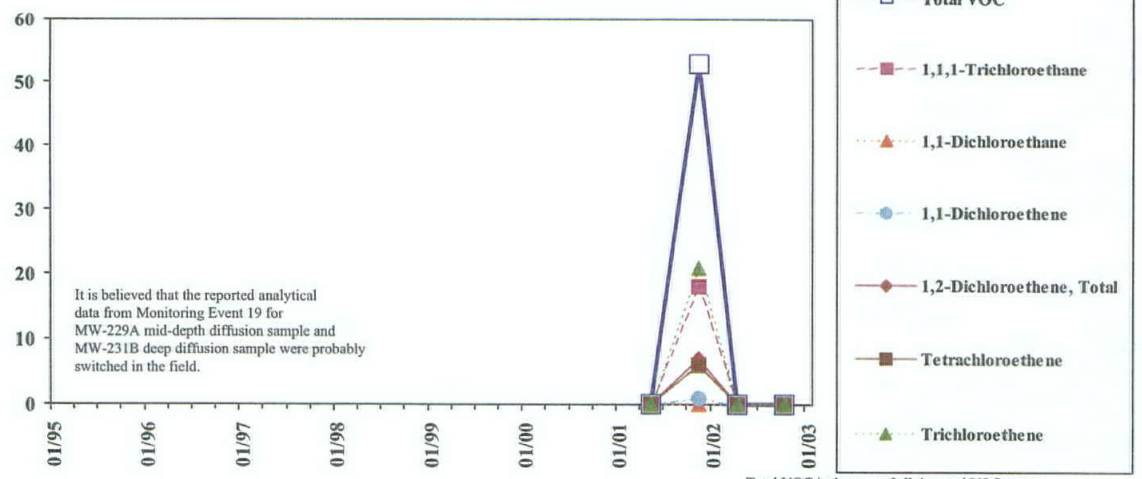
Sample Location:

MW-231B

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



It is believed that the reported analytical data from Monitoring Event 19 for MW-229A mid-depth diffusion sample and MW-231B deep diffusion sample were probably switched in the field.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

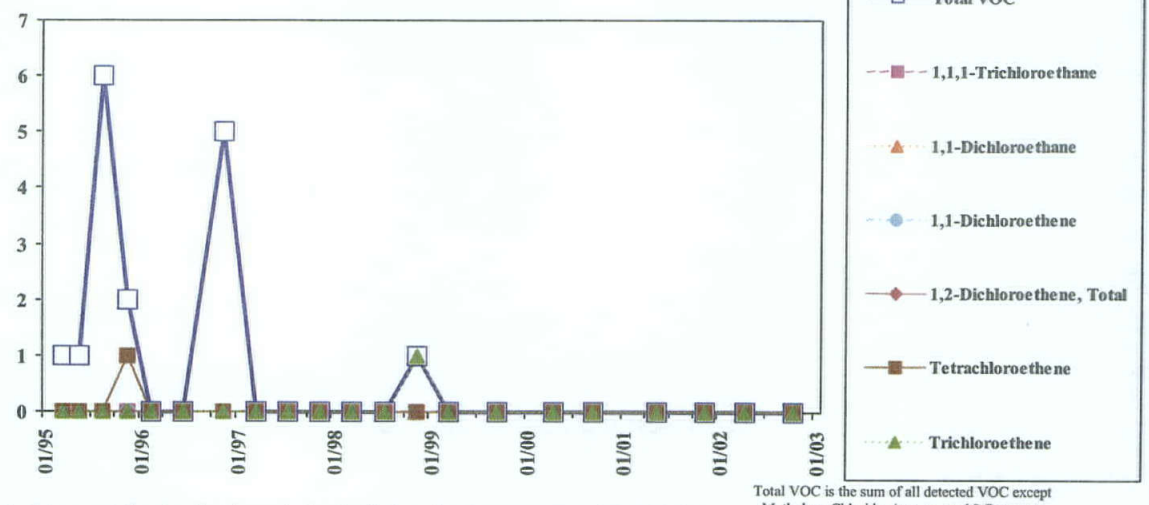
Sample Location:

MW-303

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

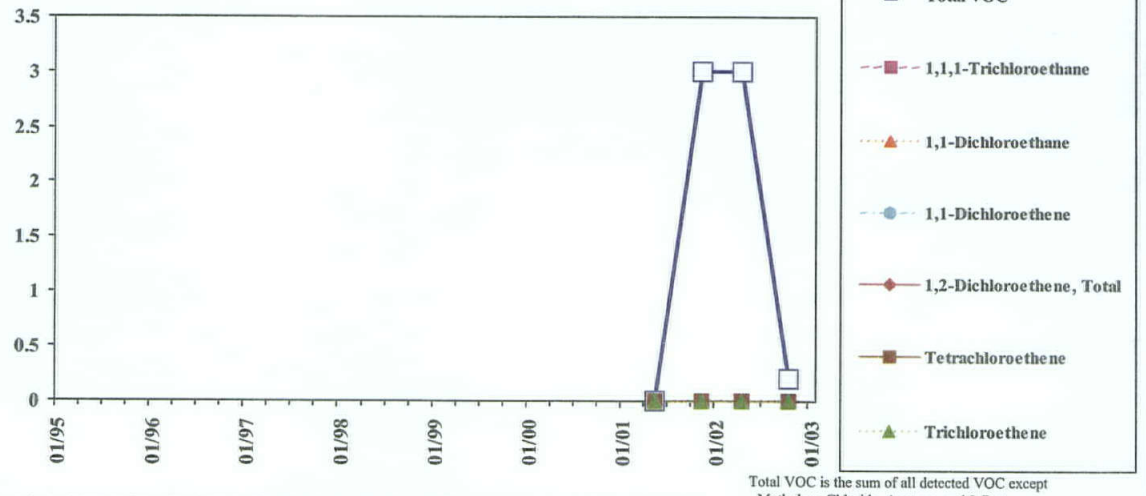
Sample Location:

MW-303

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

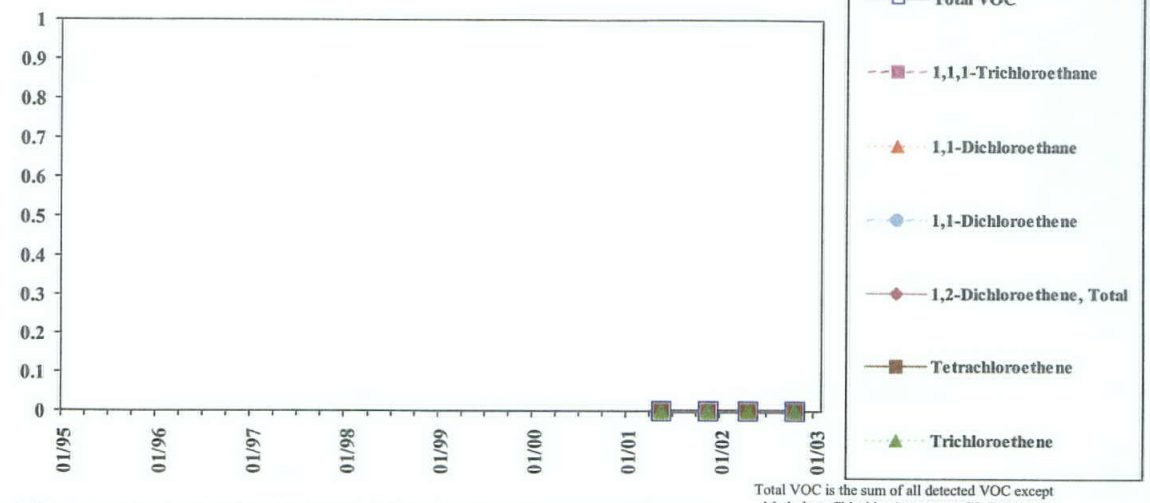
Sample Location:

MW-303

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

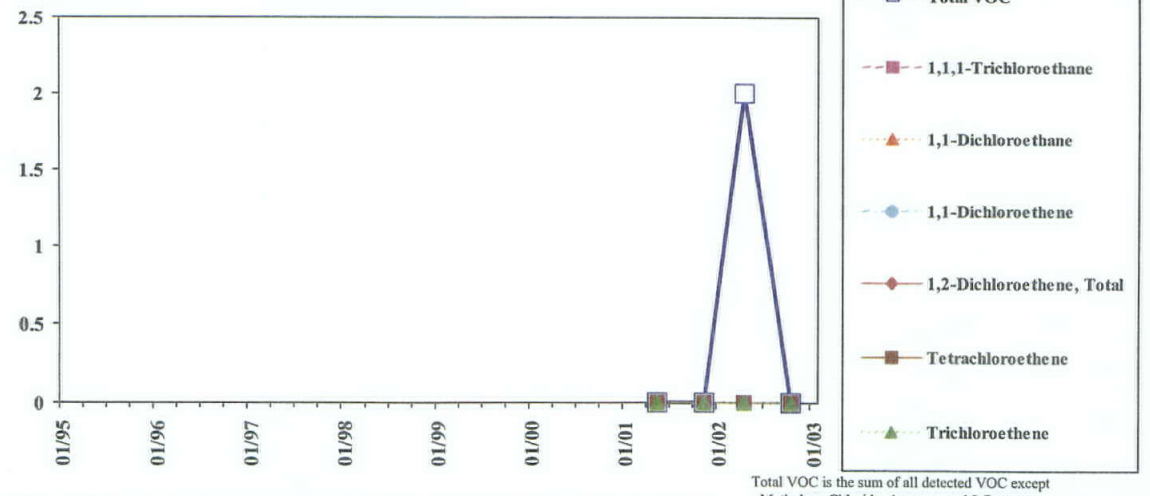
Sample Location:

MW-303

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

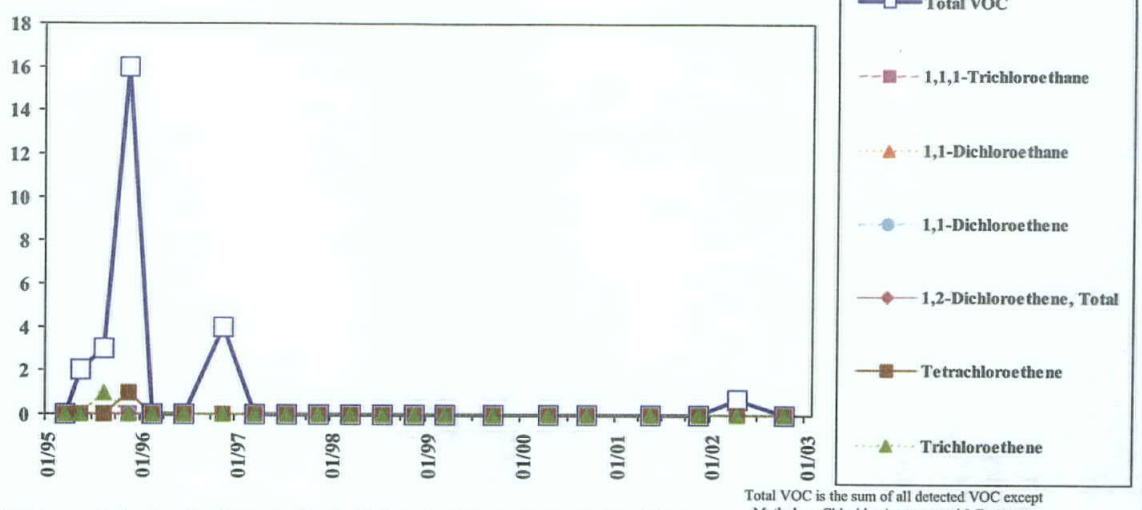
Sample Location:

MW-305

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

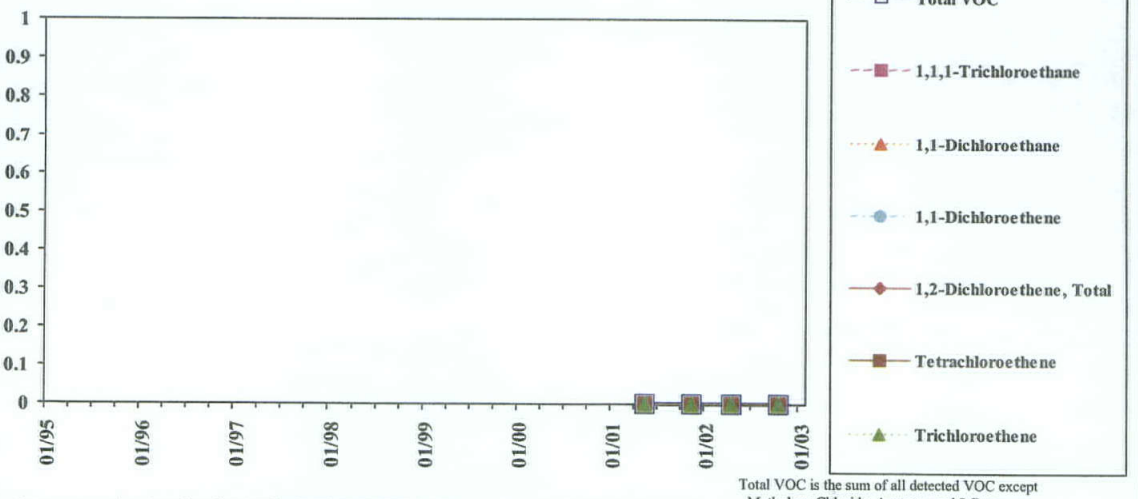
Sample Location:

MW-305

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

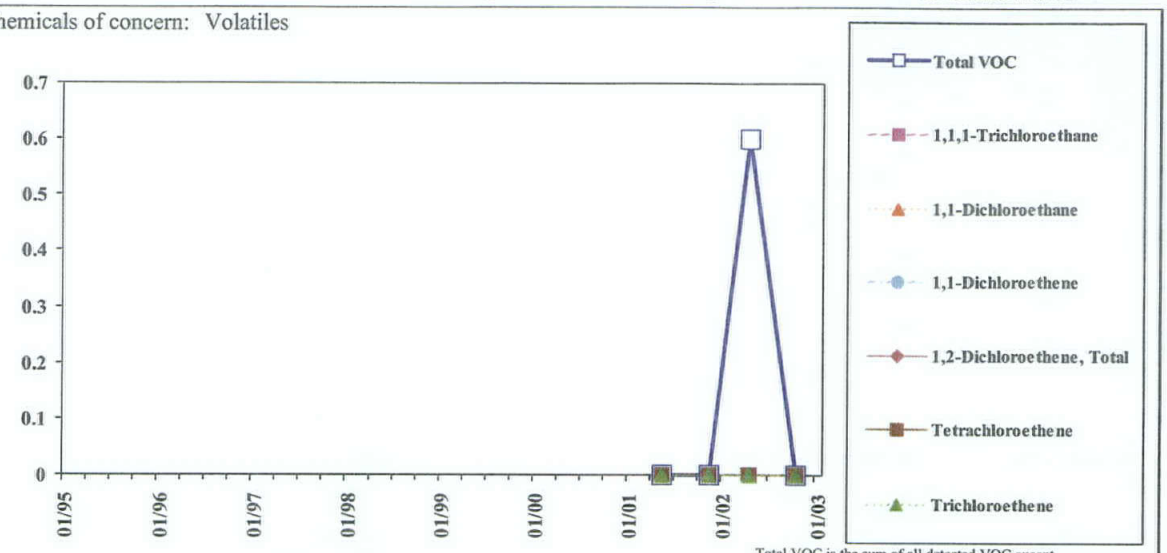
Sample Location:

MW-305

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

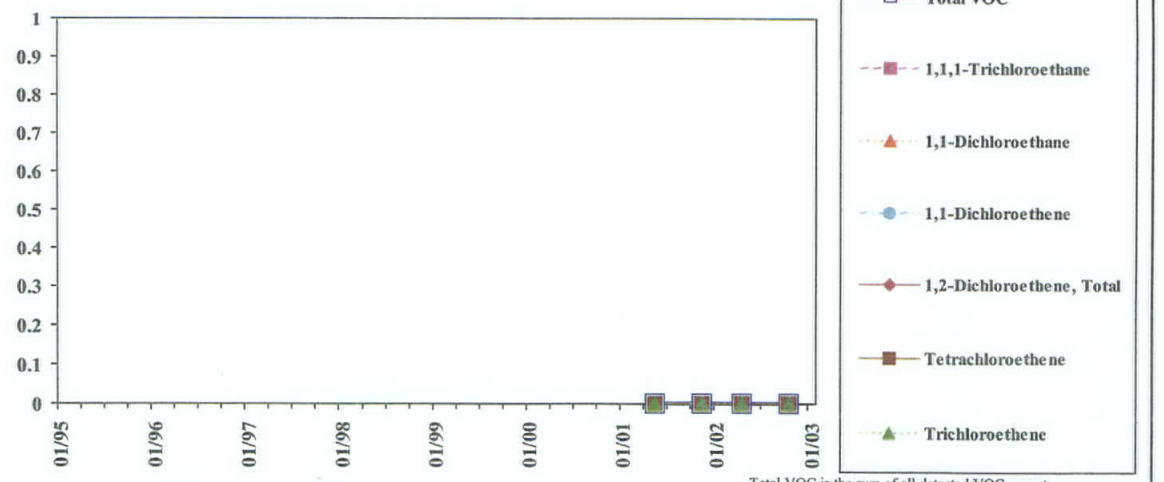
Sample Location:

MW-305

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

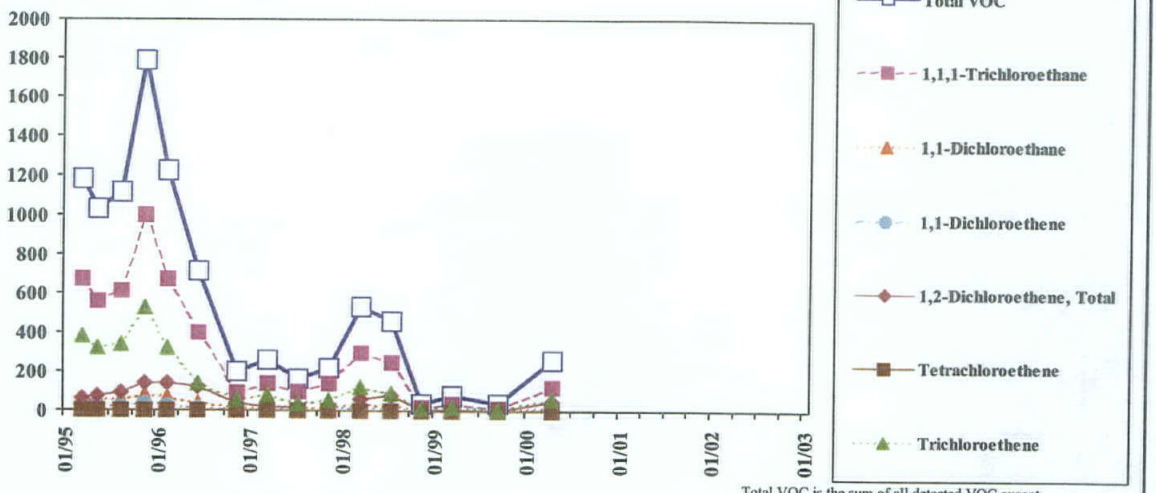
Sample Location:

MW-306

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

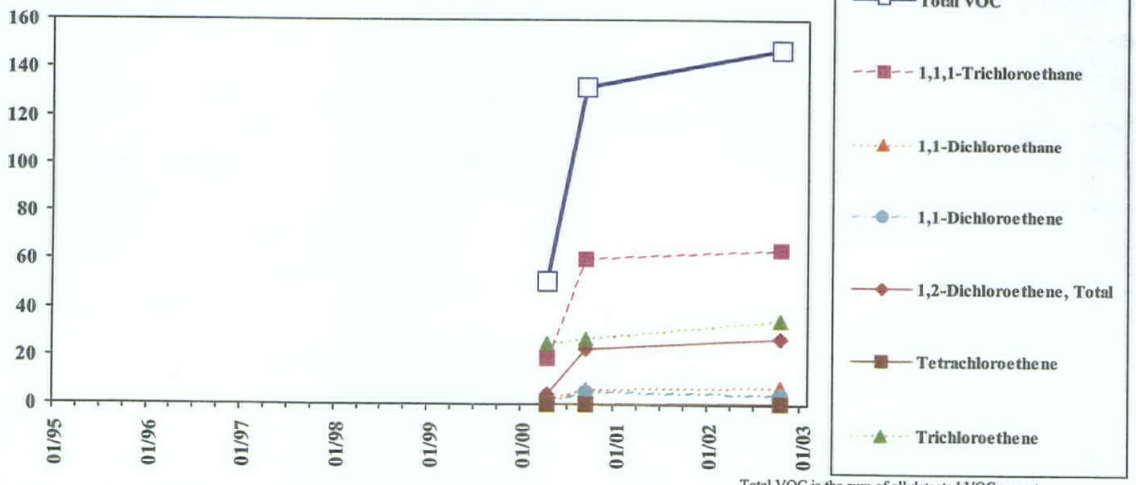
Sample Location:

MW-306

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

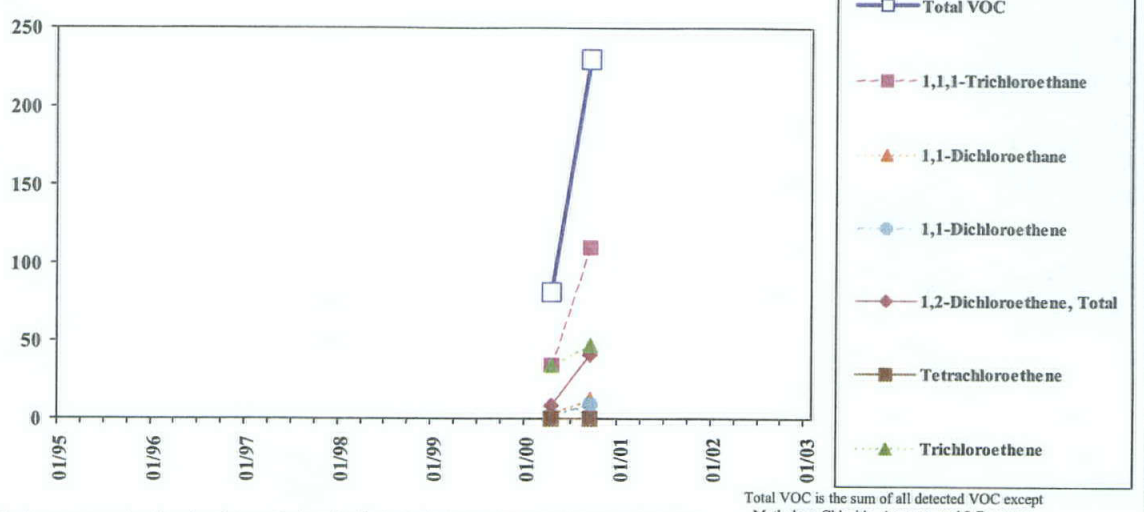
Sample Location:

MW-306

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

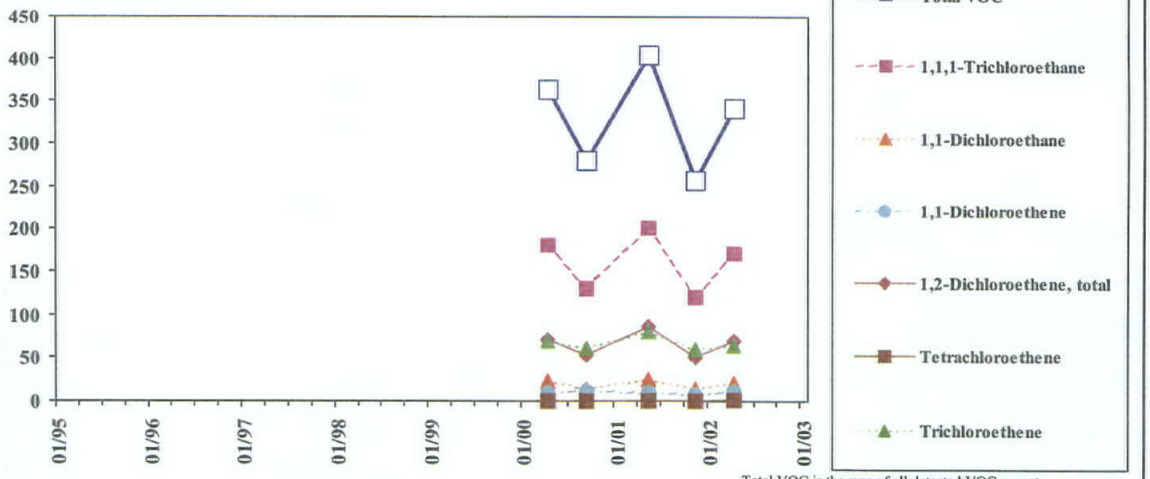
Sample Location:

MW-306

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

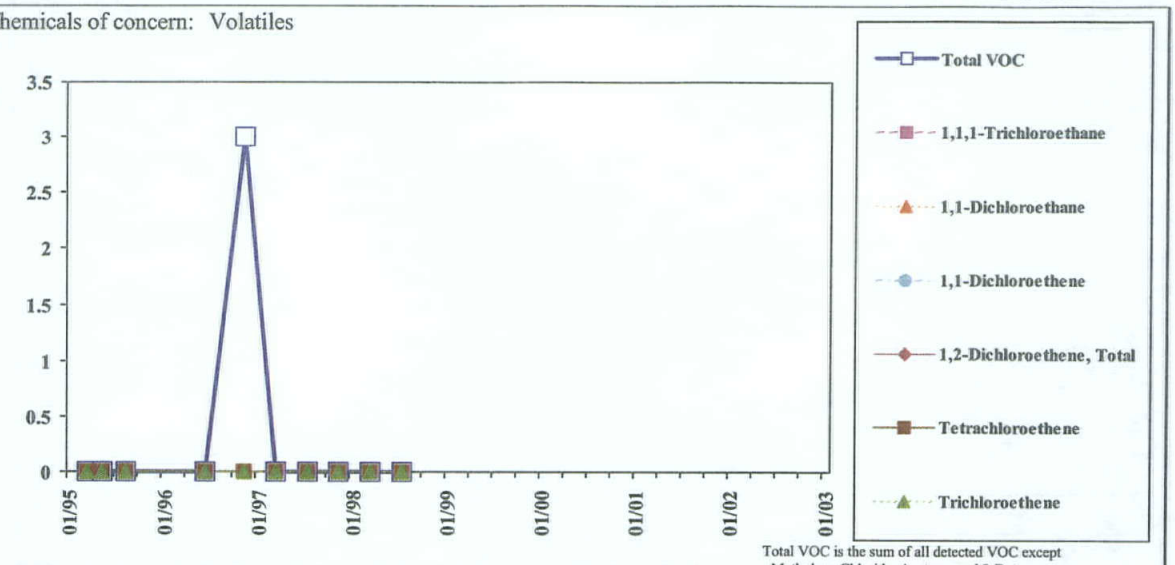
Sample Location:

MW-307

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

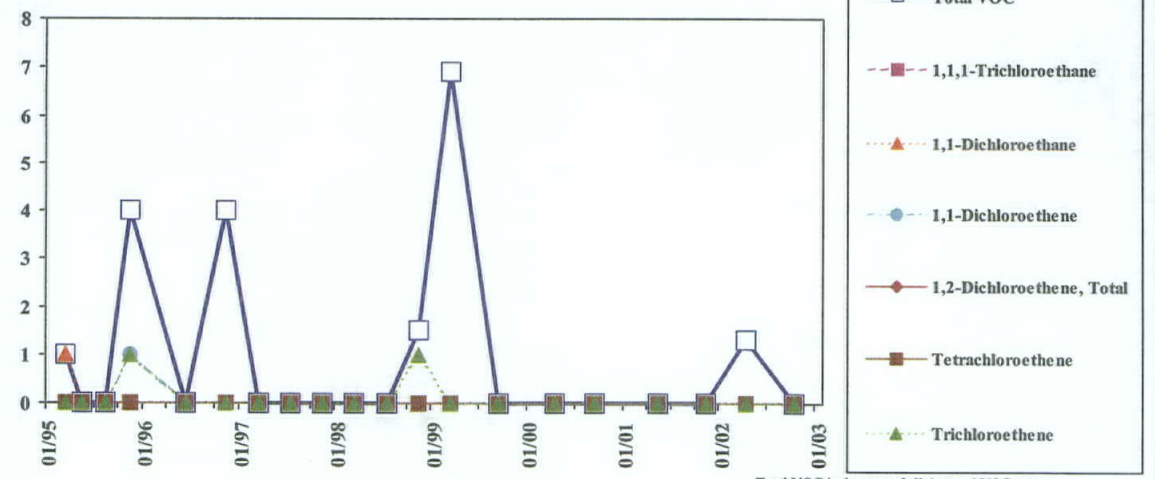
Sample Location:

MW-308

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

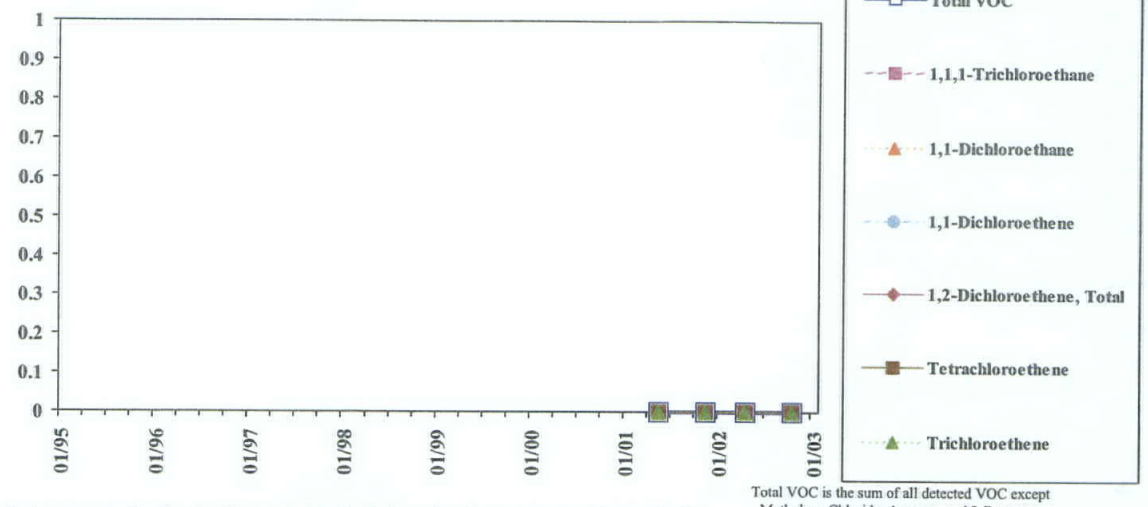
Sample Location:

MW-308

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

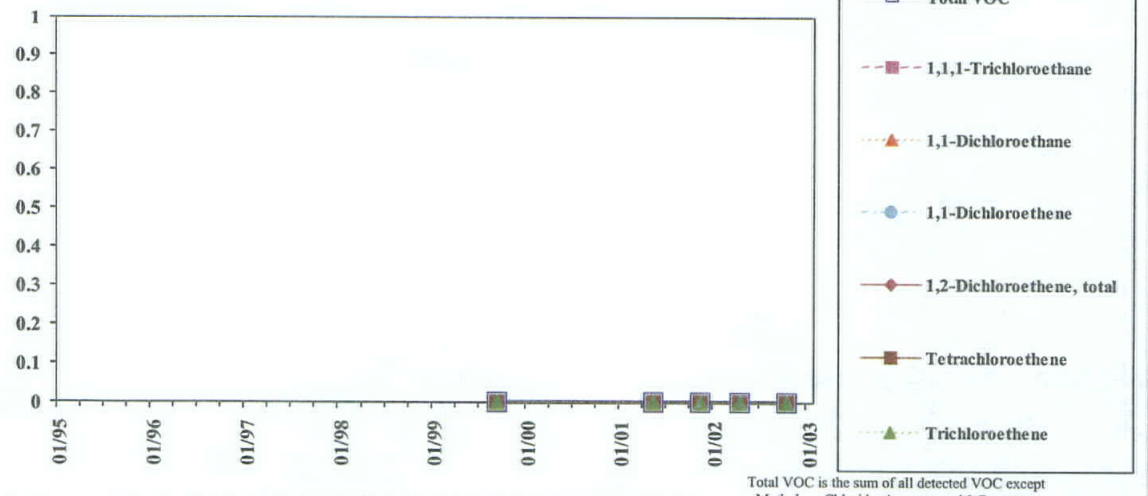
Sample Location:

MW-308

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

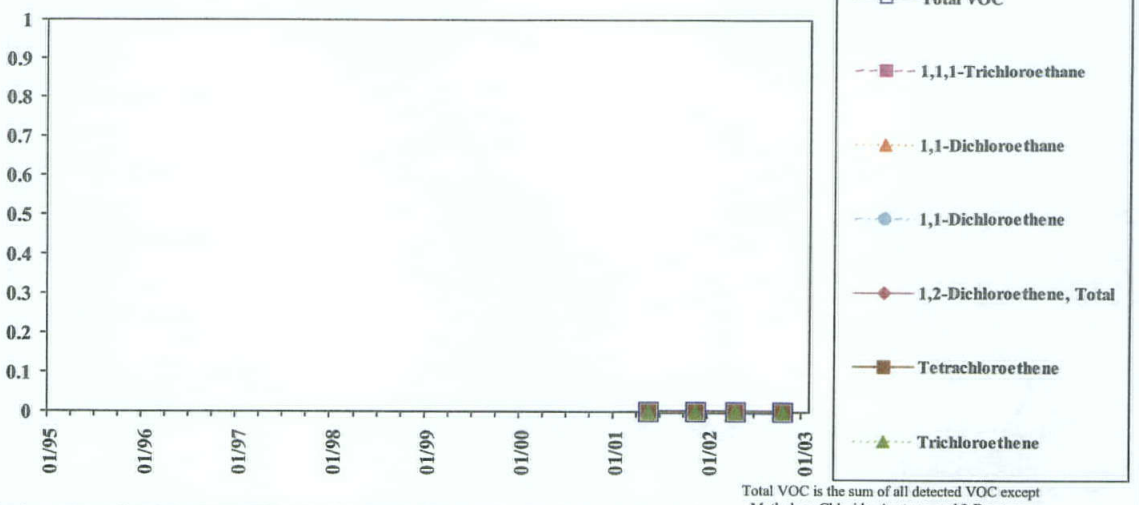
Sample Location:

MW-308

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

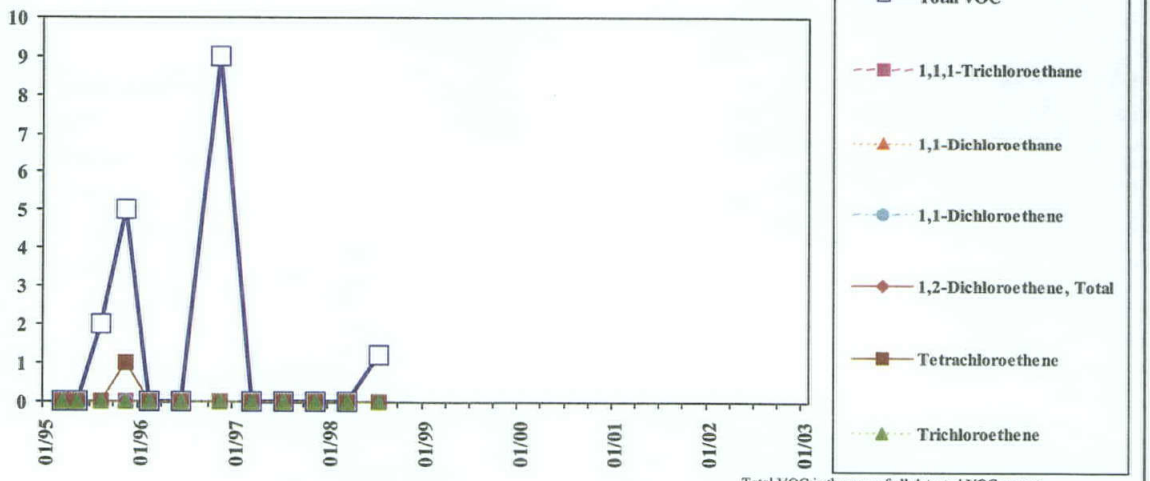
Sample Location:

MW-309A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

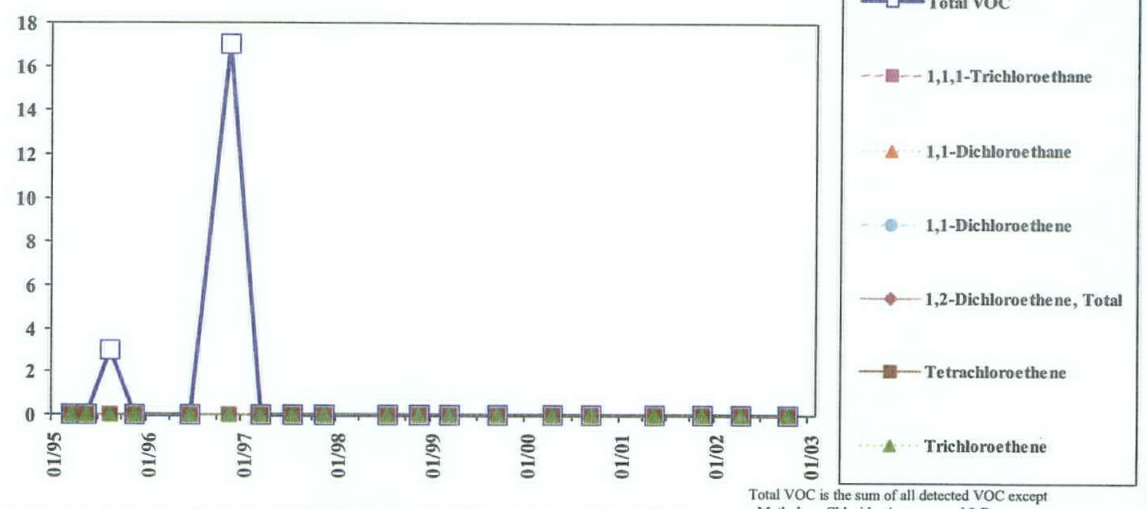
Sample Location:

MW-309B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

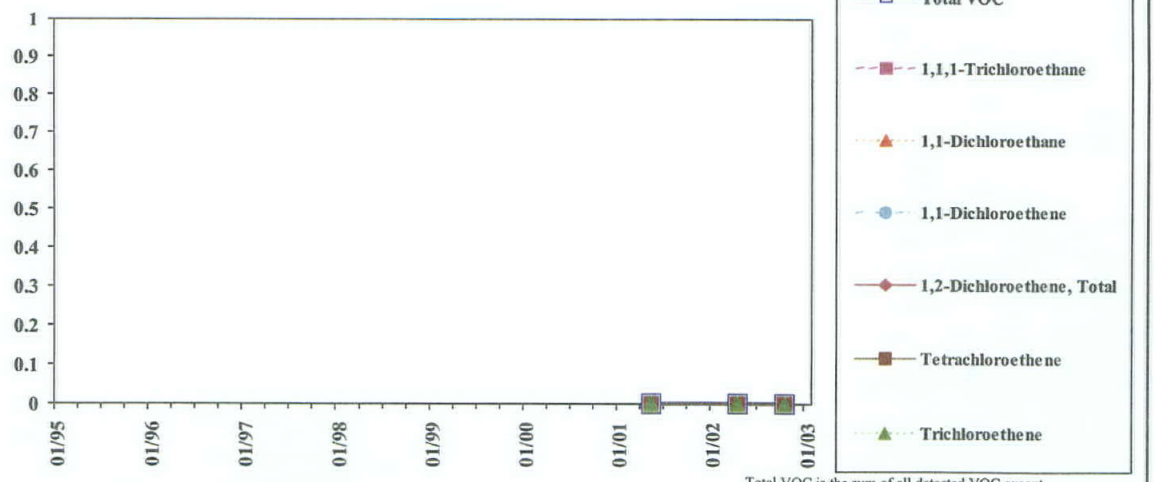
Sample Location:

MW-309B

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

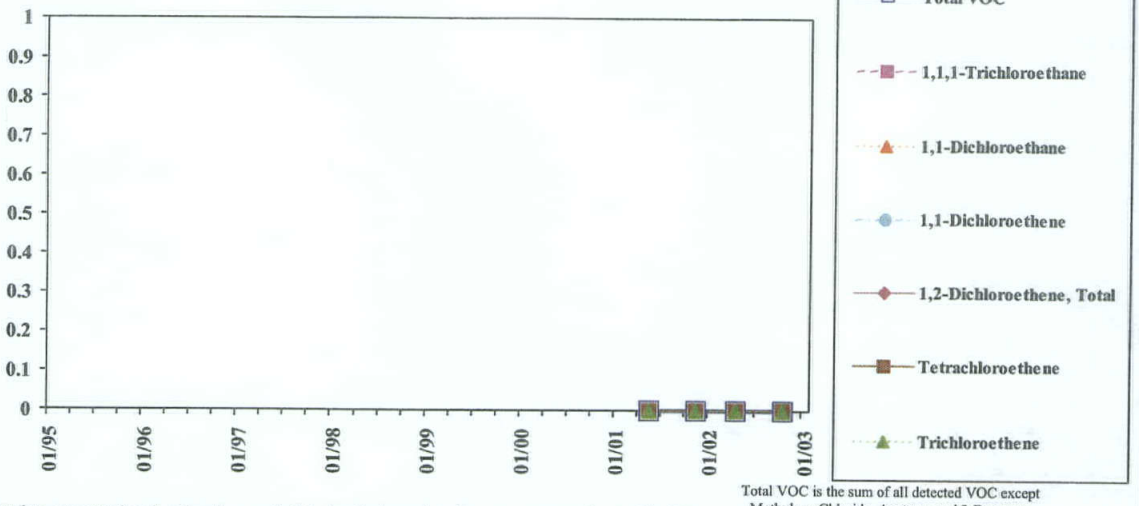
Sample Location:

MW-309B

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

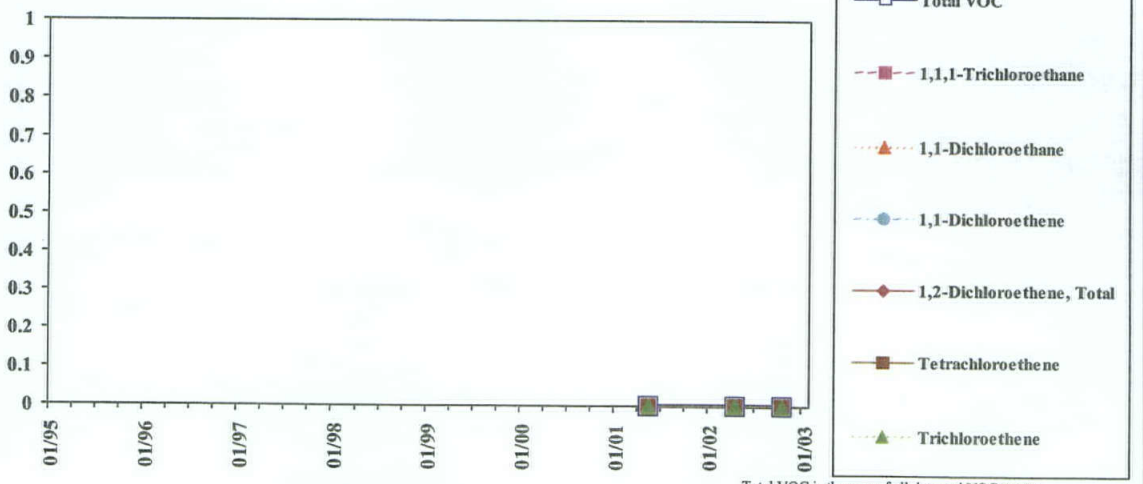
Sample Location:

MW-309B

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

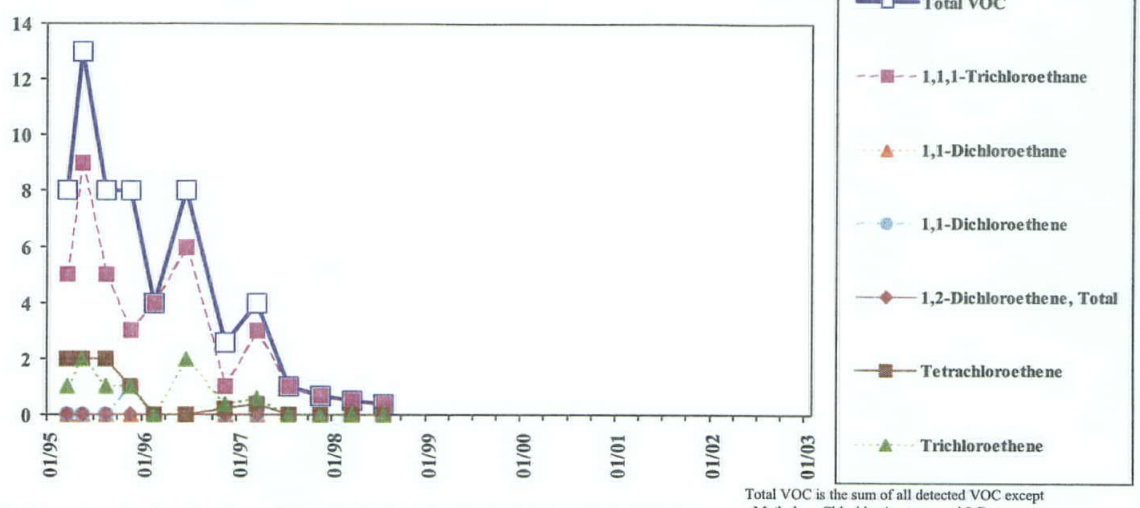
Sample Location:

MW-310

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

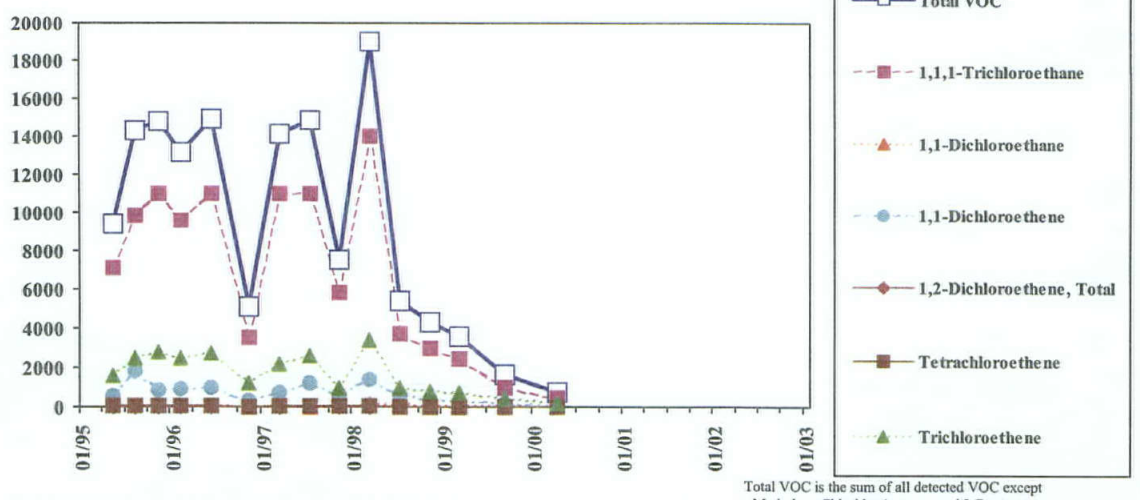
Sample Location:

MW-311

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

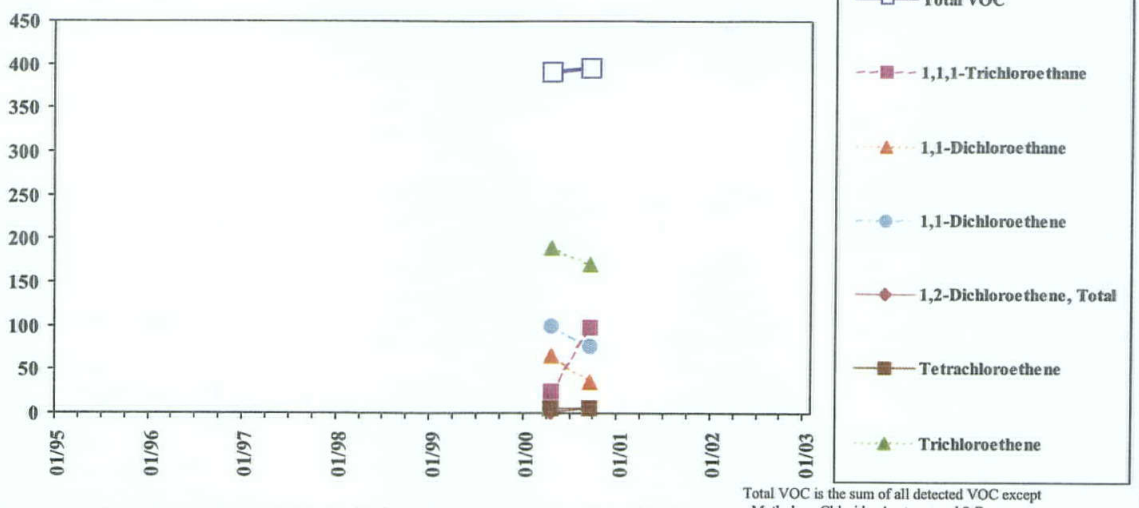
Sample Location:

MW-311

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

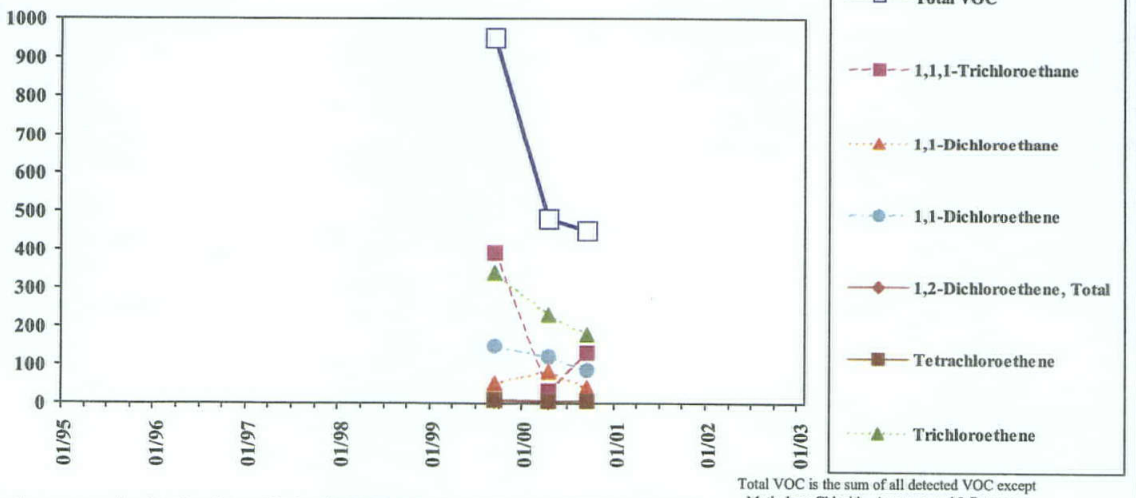
Sample Location:

MW-311

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

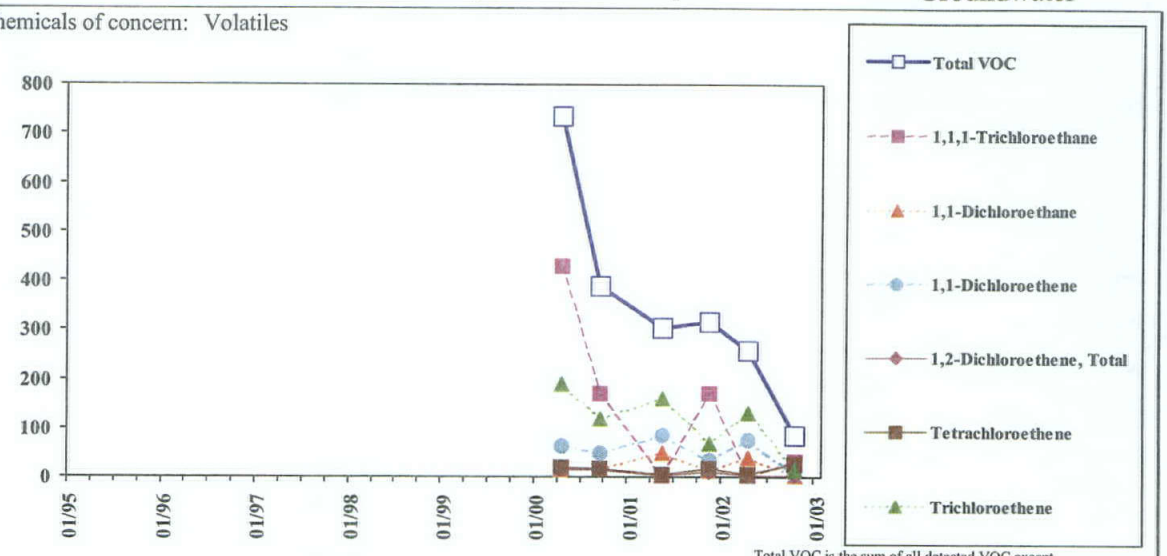
Sample Location:

MW-311

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

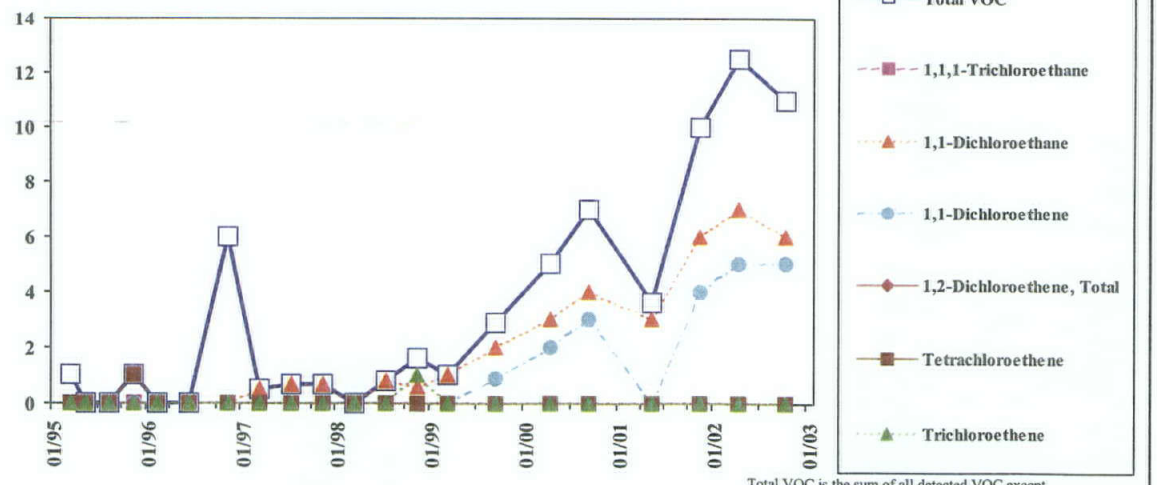
Sample Location:

MW-313

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

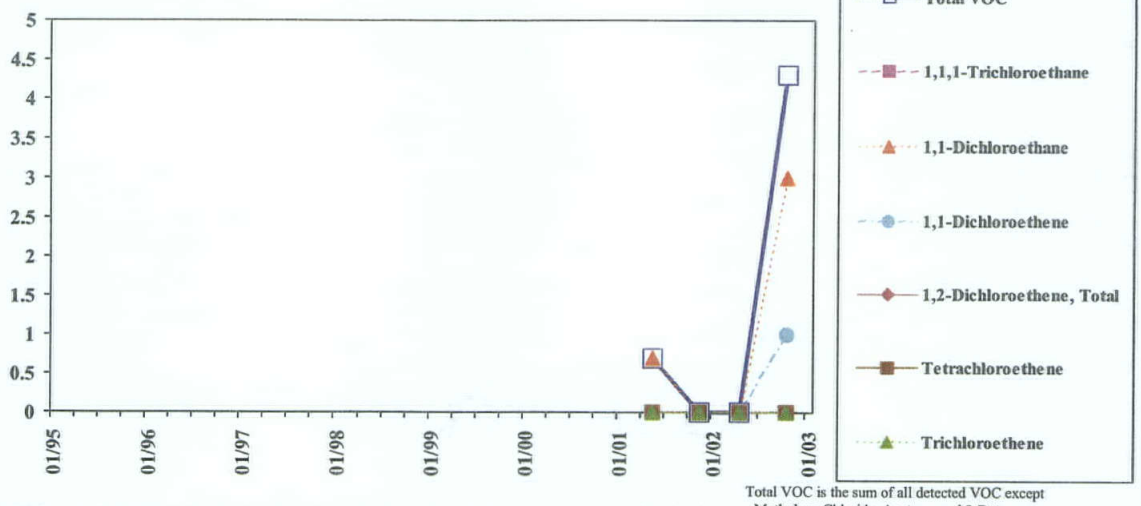
Sample Location:

MW-313

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

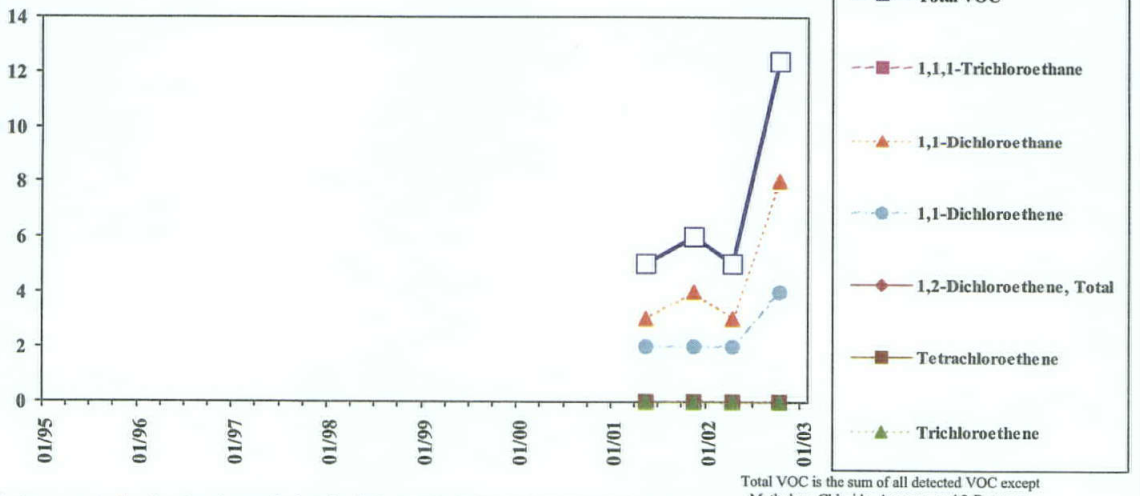
Sample Location:

MW-313

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

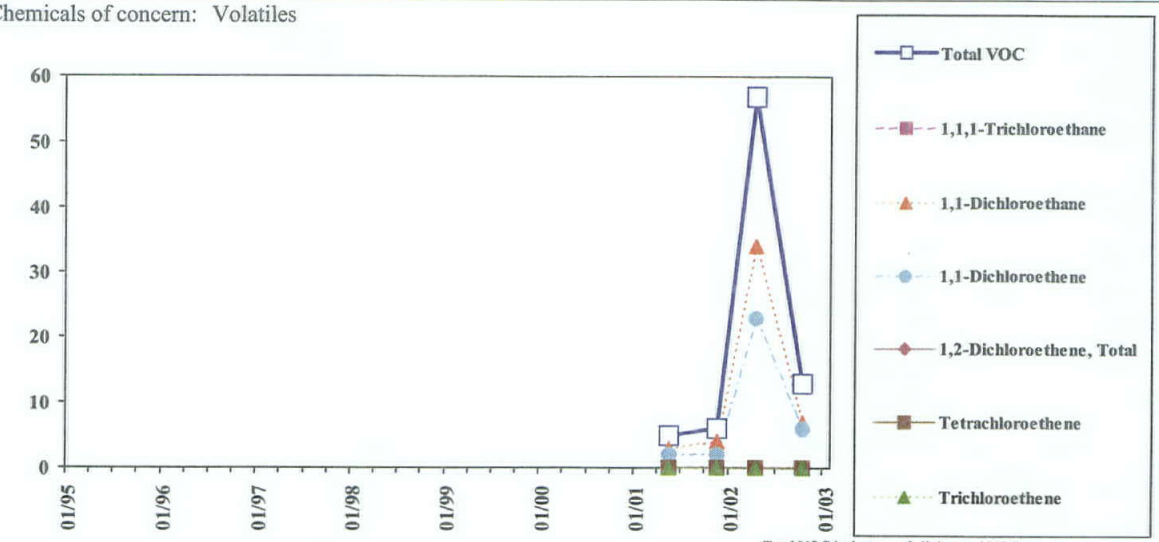
Sample Location:

MW-313

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

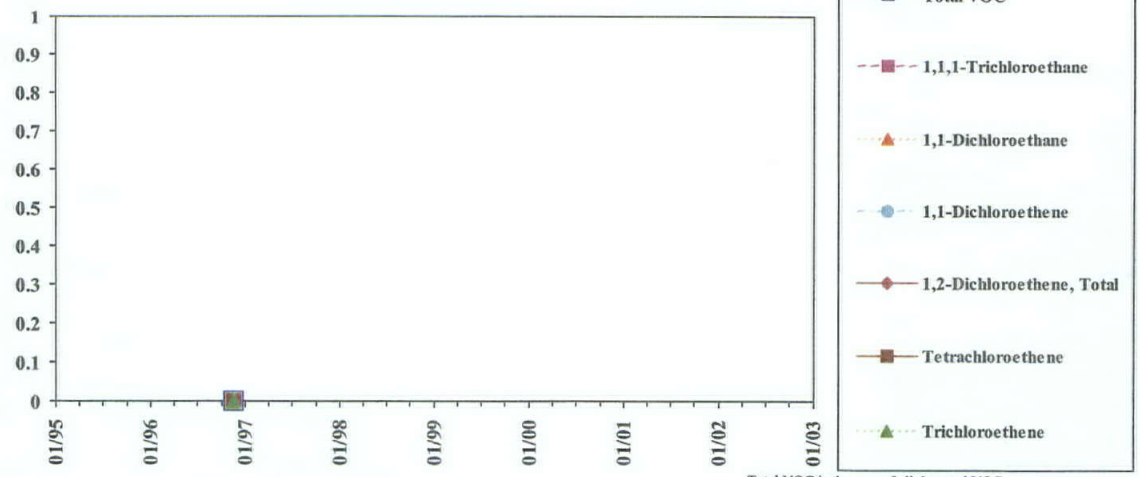
Sample Location:

MW-316A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

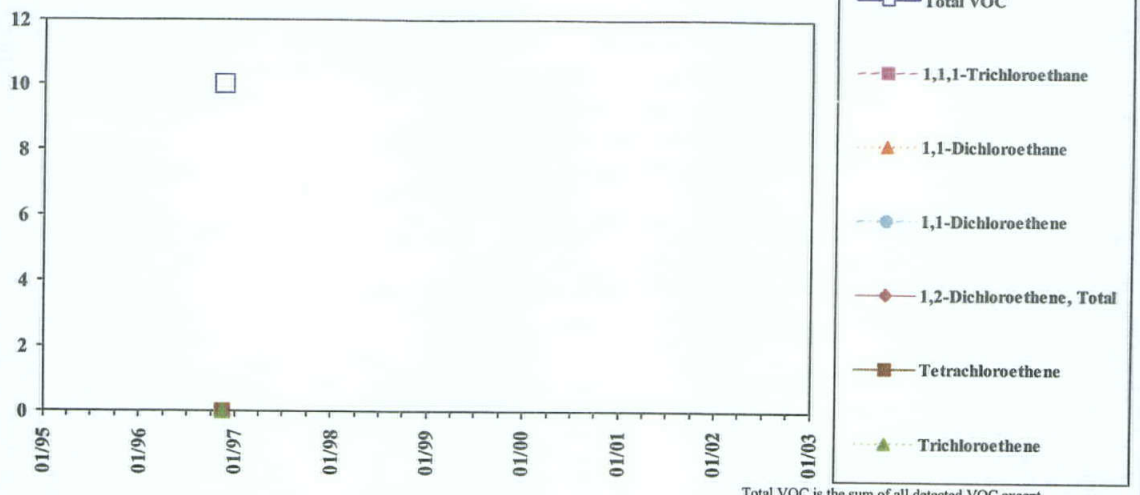
Sample Location:

MW-316B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

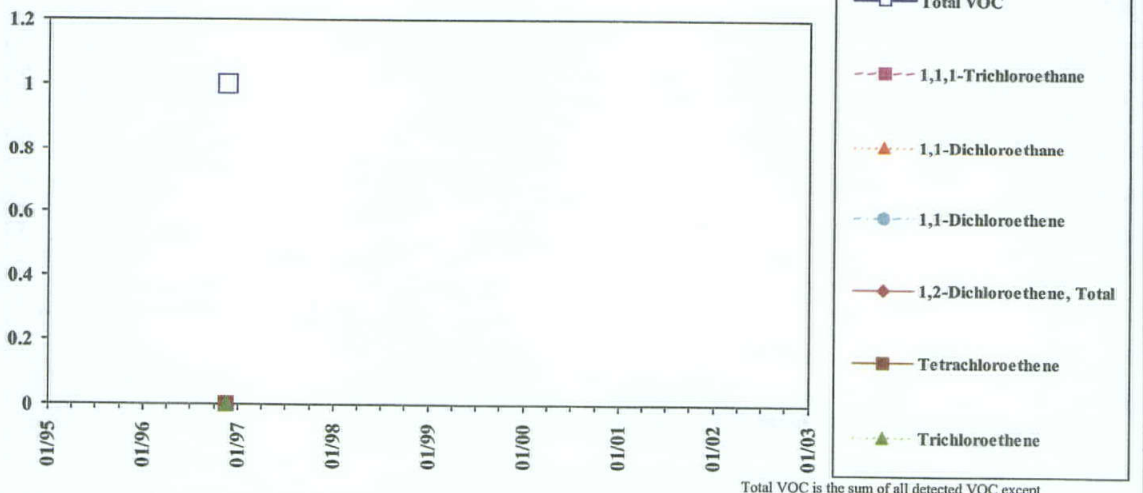
Sample Location:

MW-317A

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

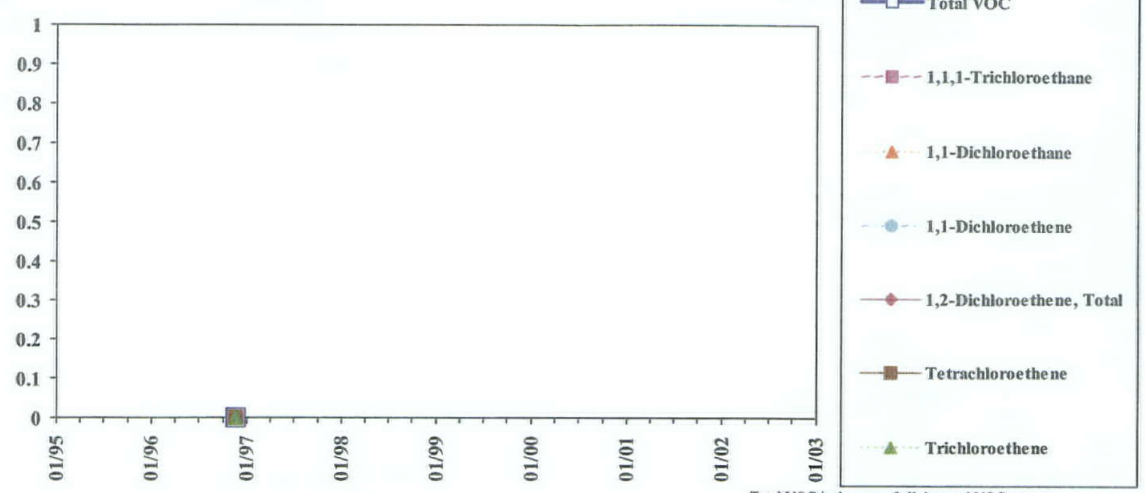
Sample Location:

MW-317B

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

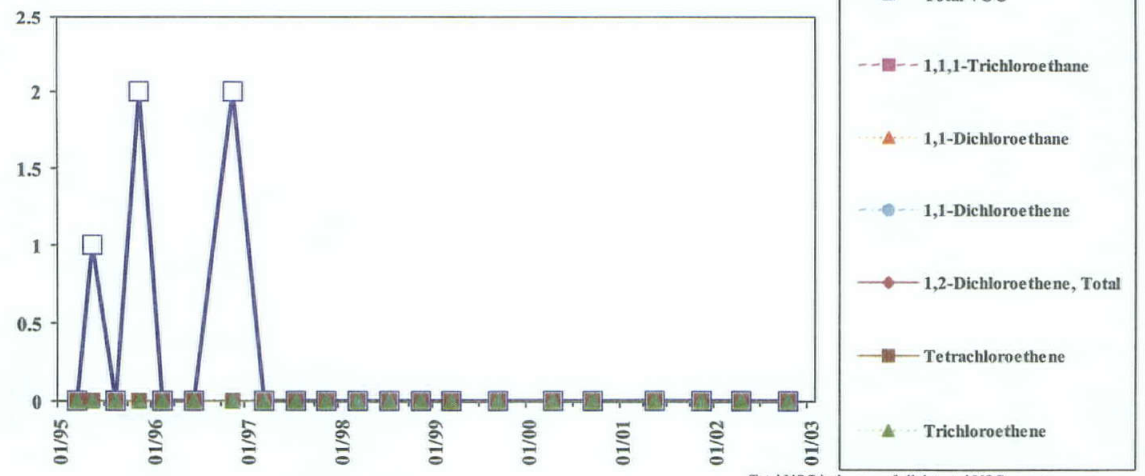
Sample Location:

MW-318

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

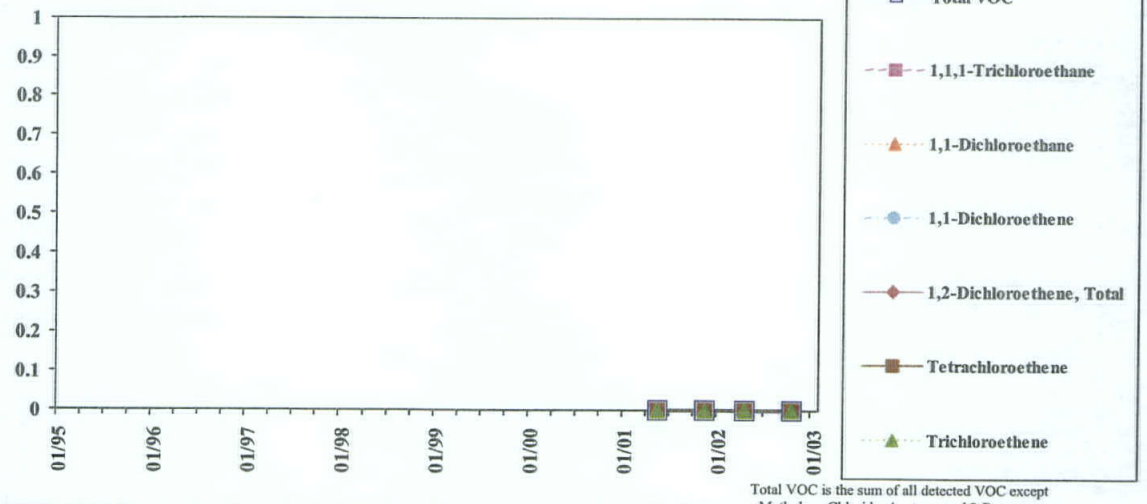
Sample Location:

MW-318

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

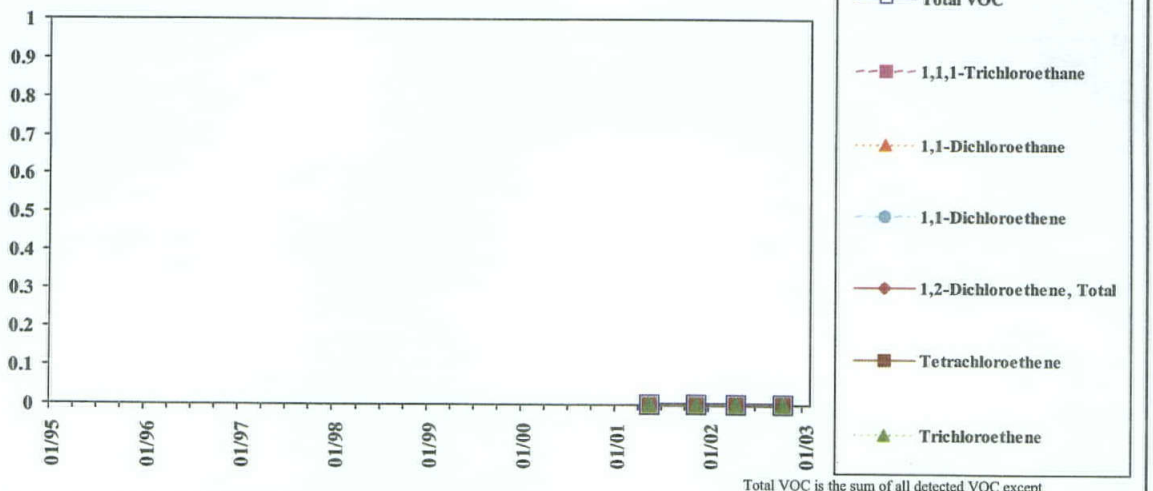
Sample Location:

MW-318

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

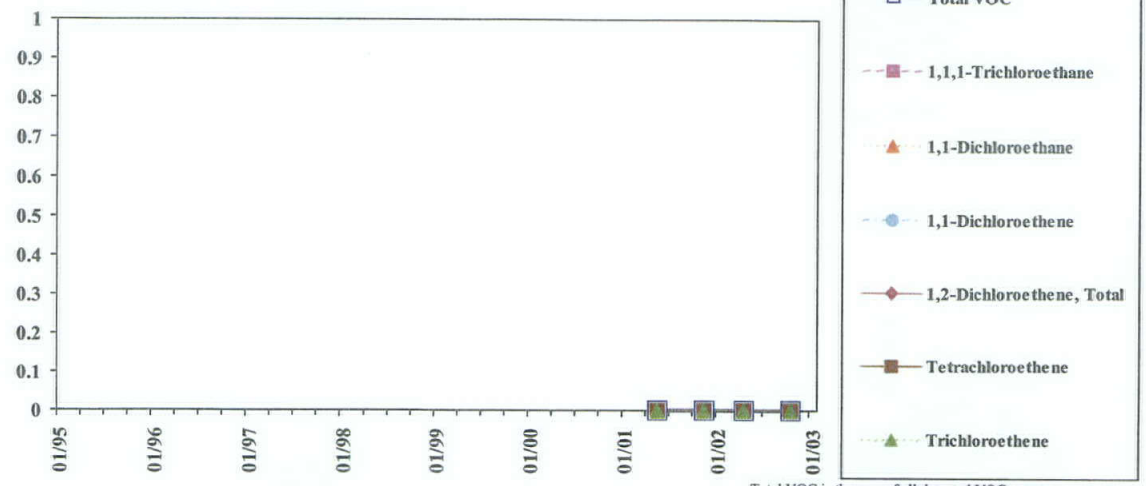
Sample Location:

MW-318

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

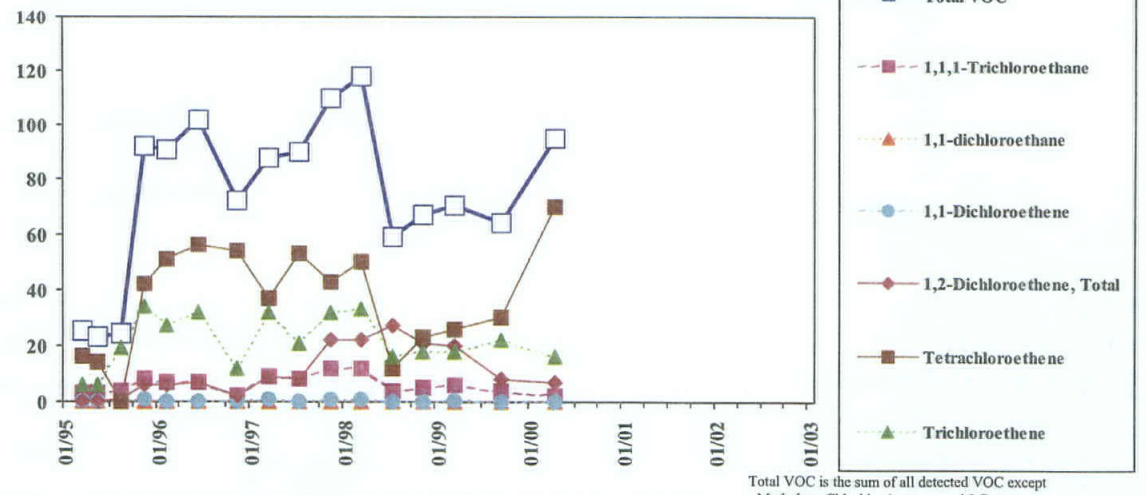
Sample Location:

MW-319

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

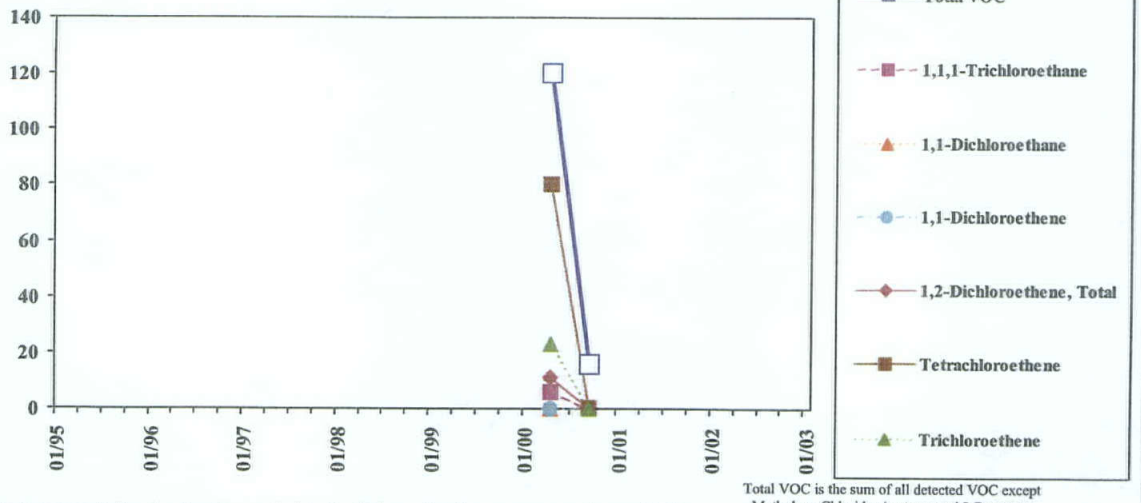
Sample Location:

MW-319

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

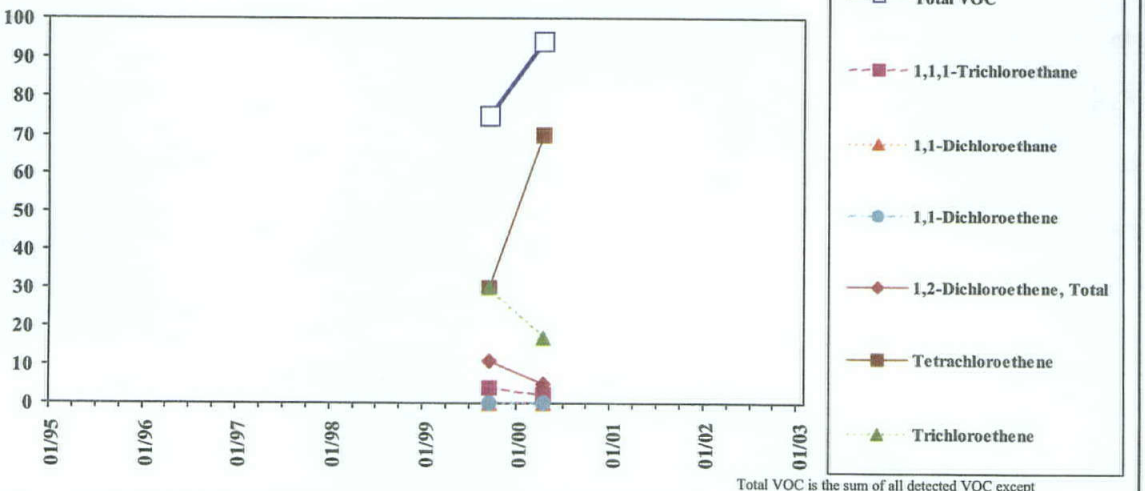
Sample Location:

MW-319

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

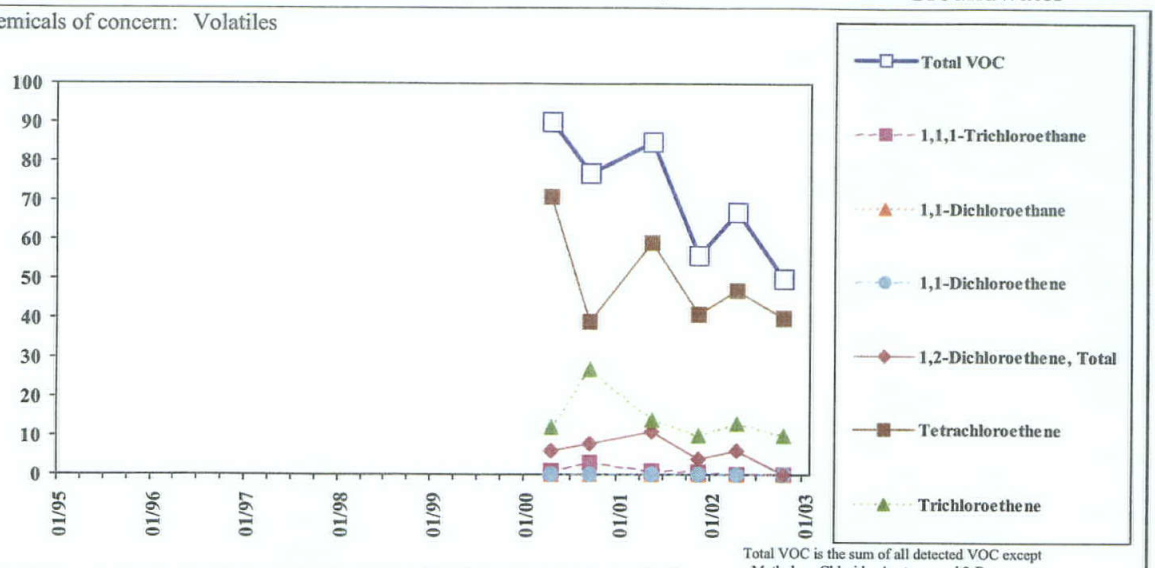
Sample Location:

MW-319

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

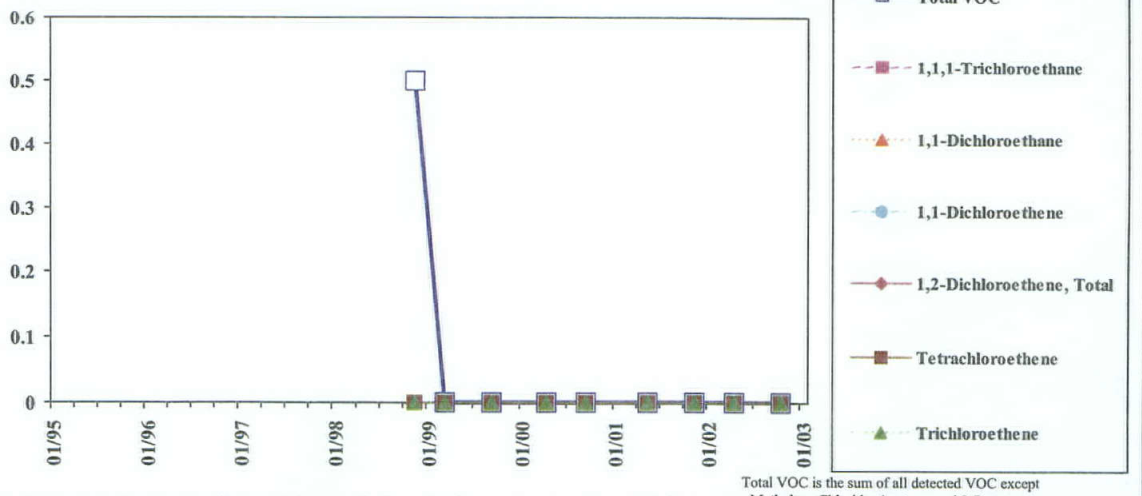
Sample Location:

MW-330

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

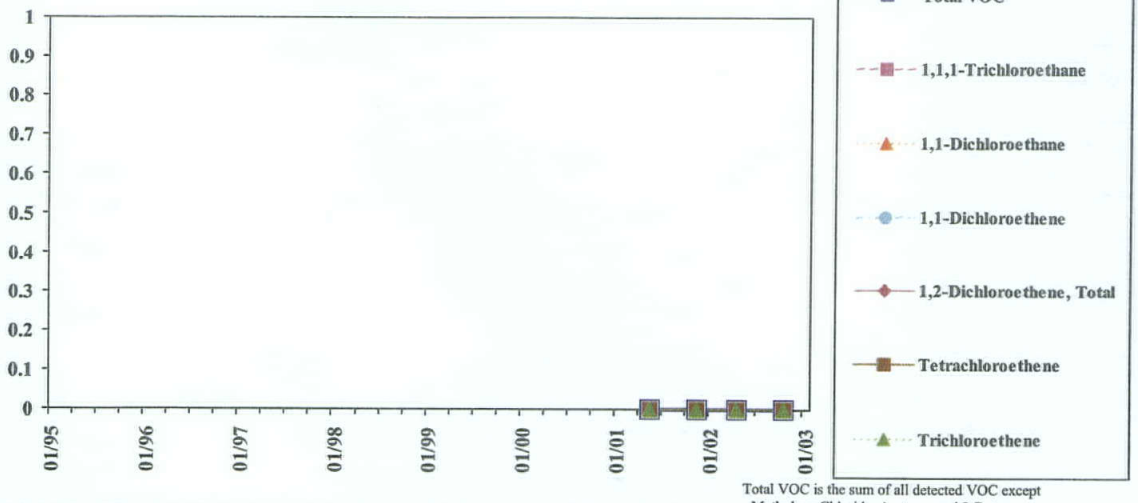
Sample Location:

MW-330

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

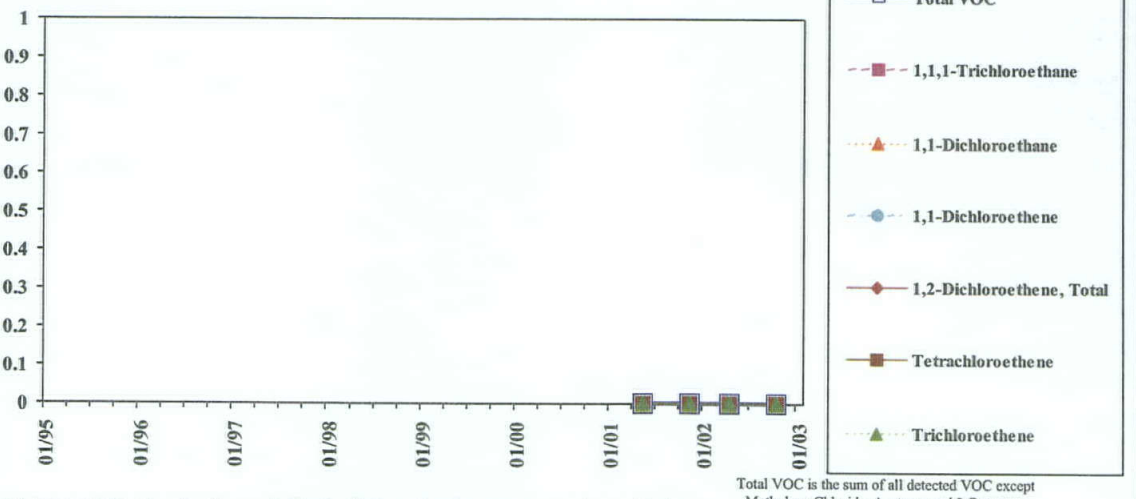
Sample Location:

MW-330

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

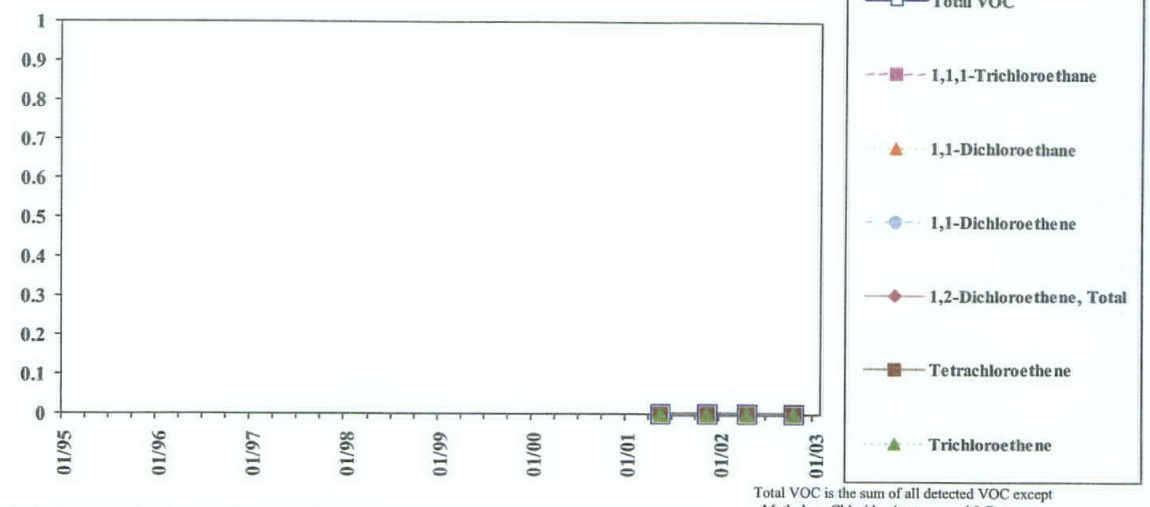
Sample Location:

MW-330

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

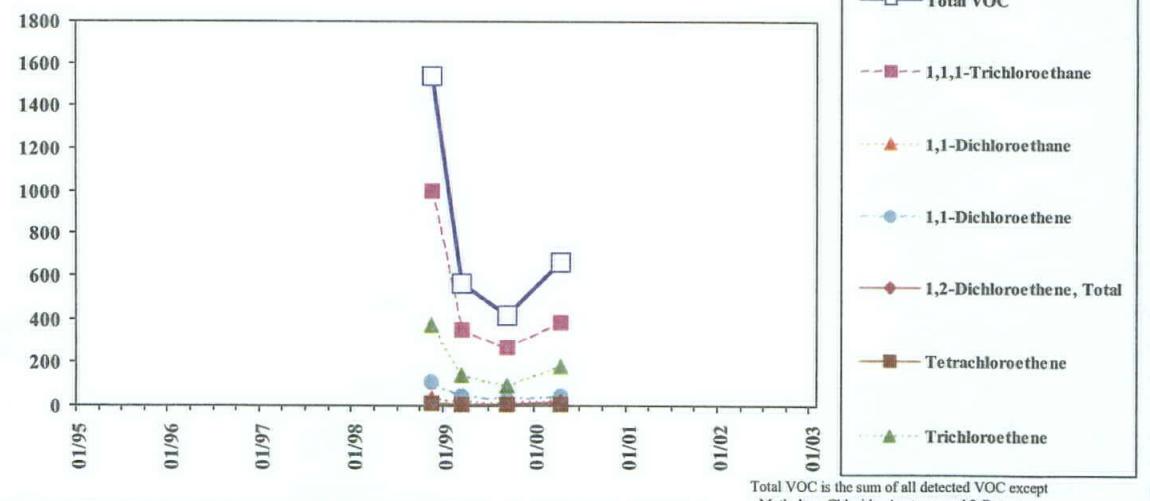
Sample Location:

MW-331

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

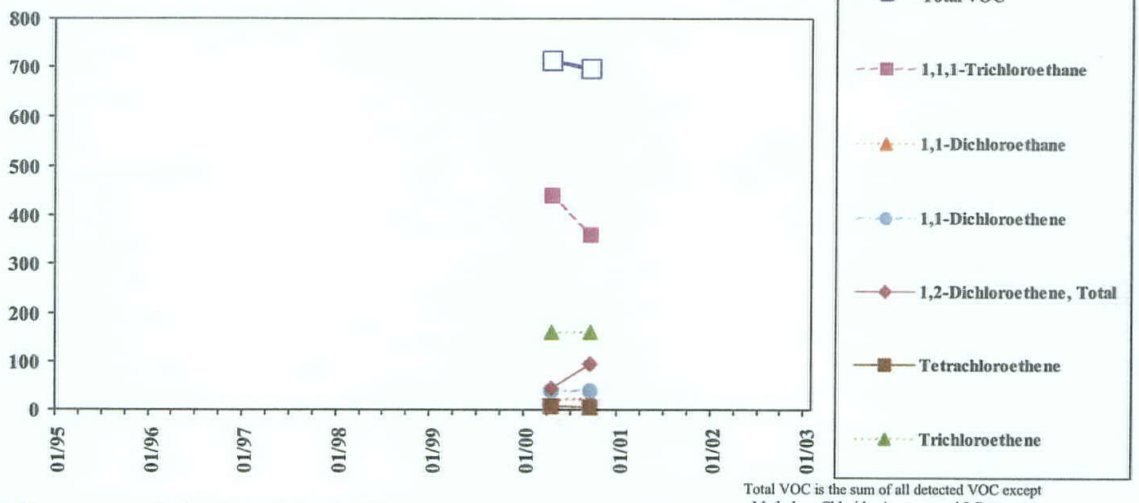
Sample Location:

MW-331

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

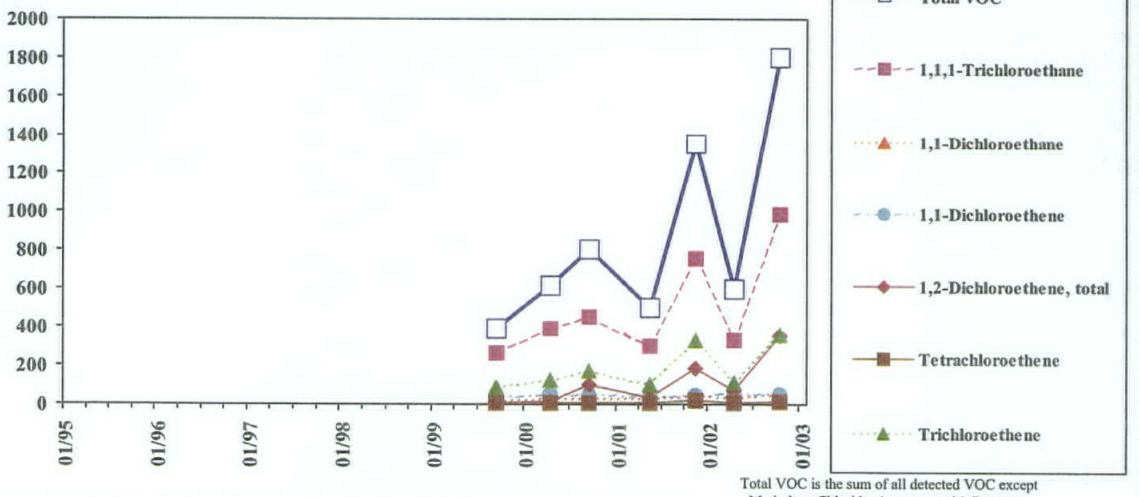
Sample Location:

MW-331

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

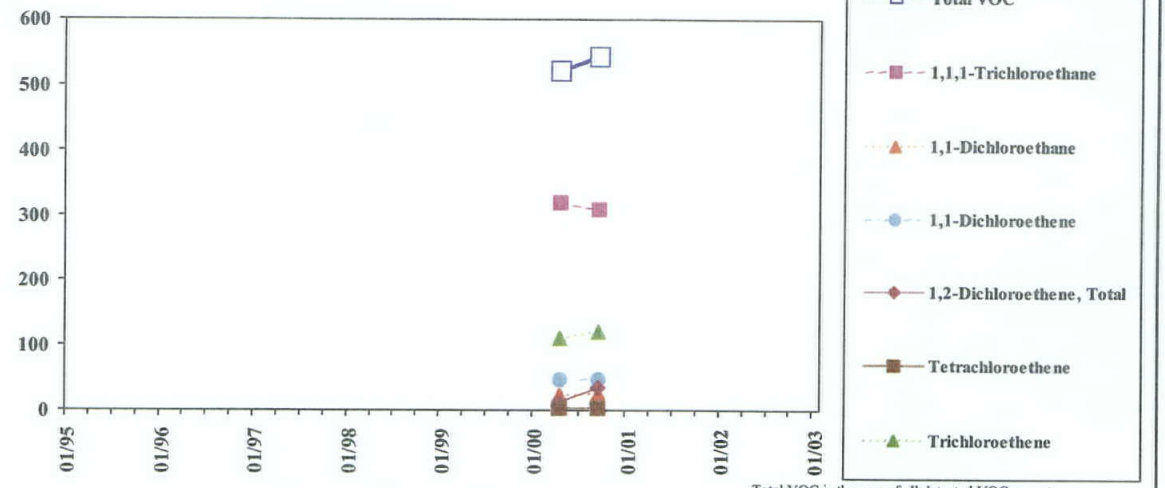
Sample Location:

MW-331

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

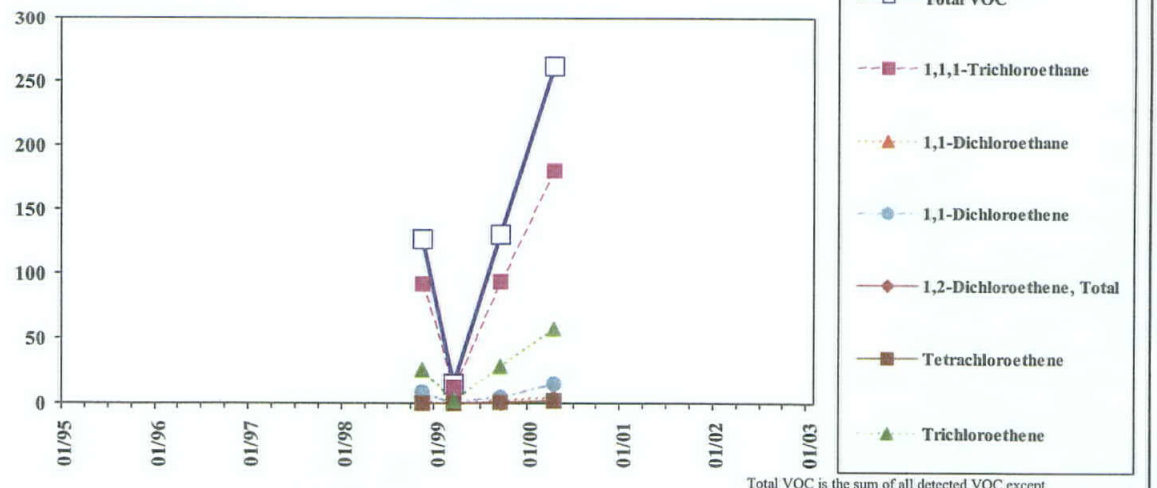
Sample Location:

MW-332

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

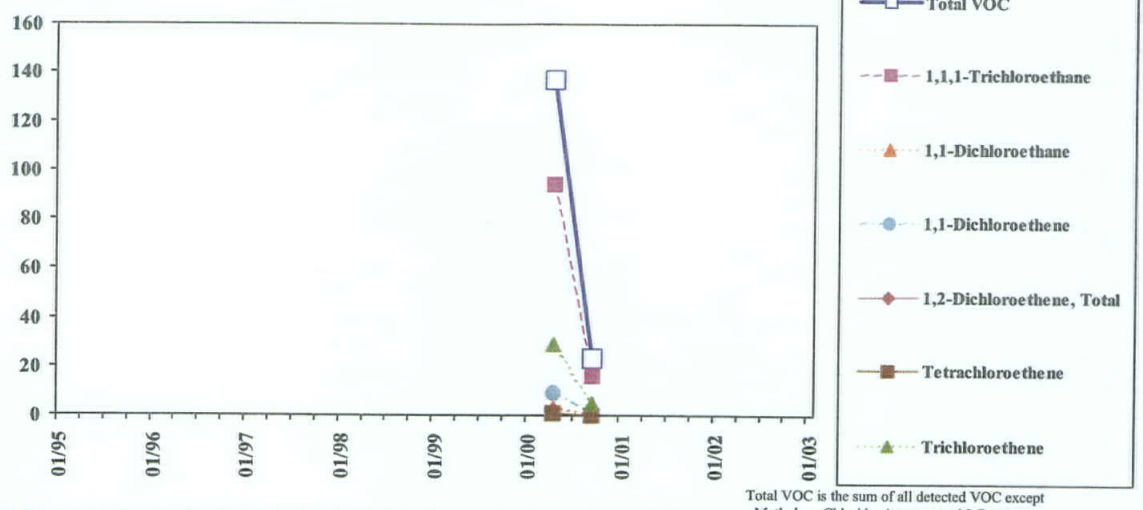
Sample Location:

MW-332

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

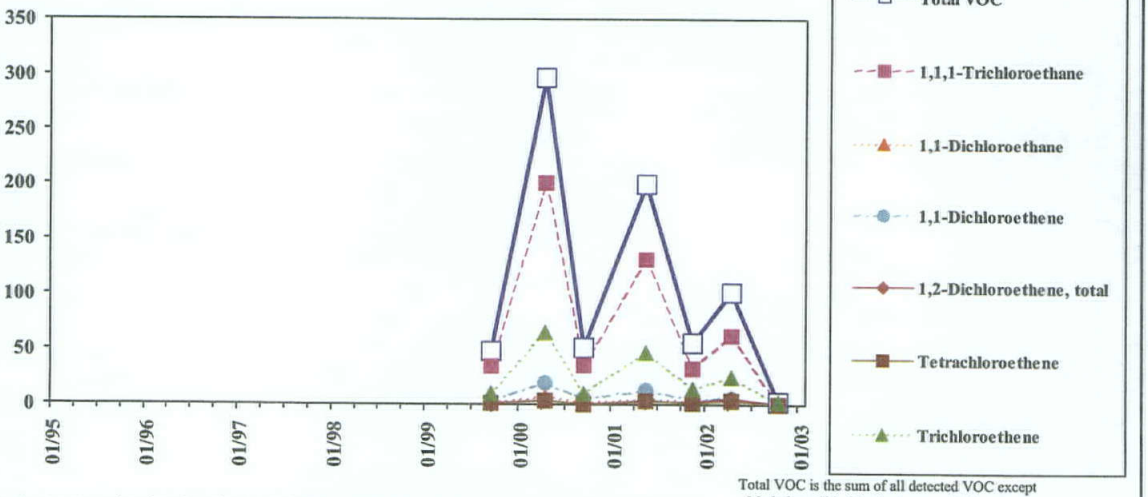
Sample Location:

MW-332

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

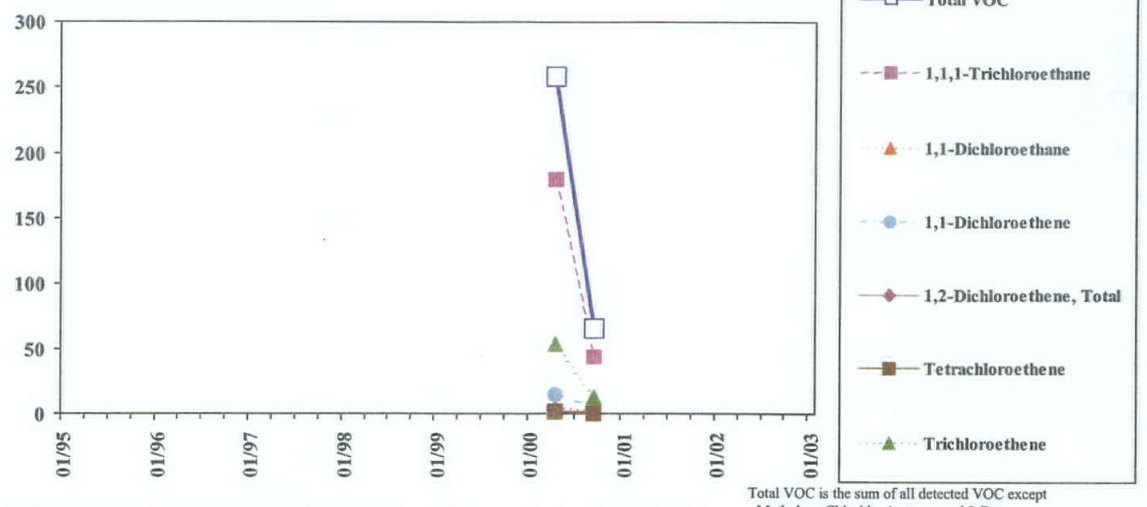
Sample Location:

MW-332

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

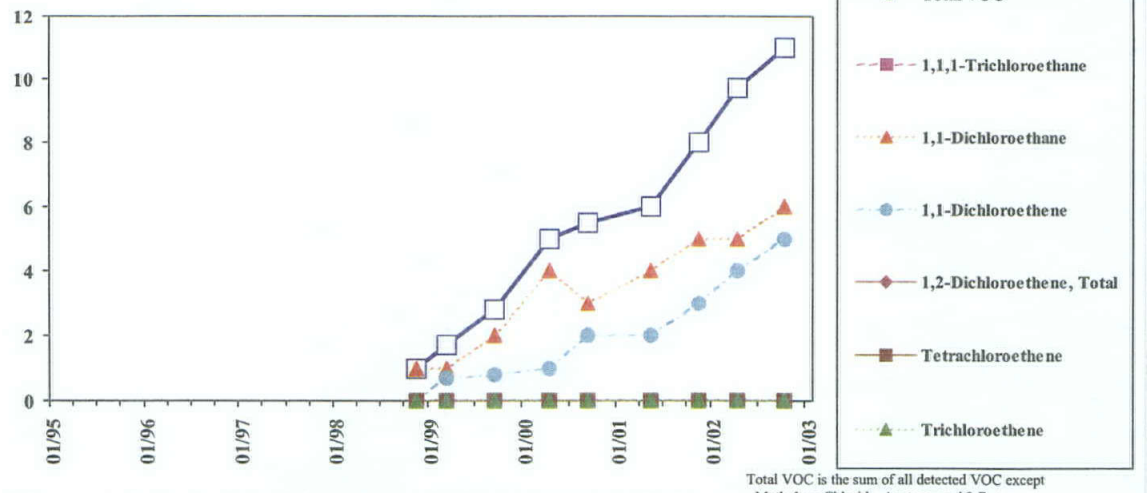
Sample Location:

MW-333

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

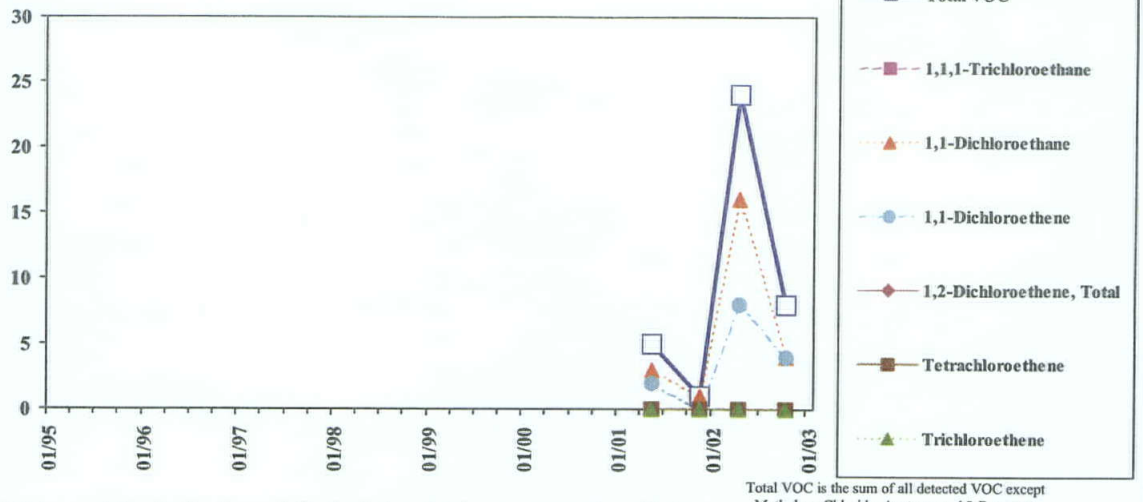
Sample Location:

MW-333

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

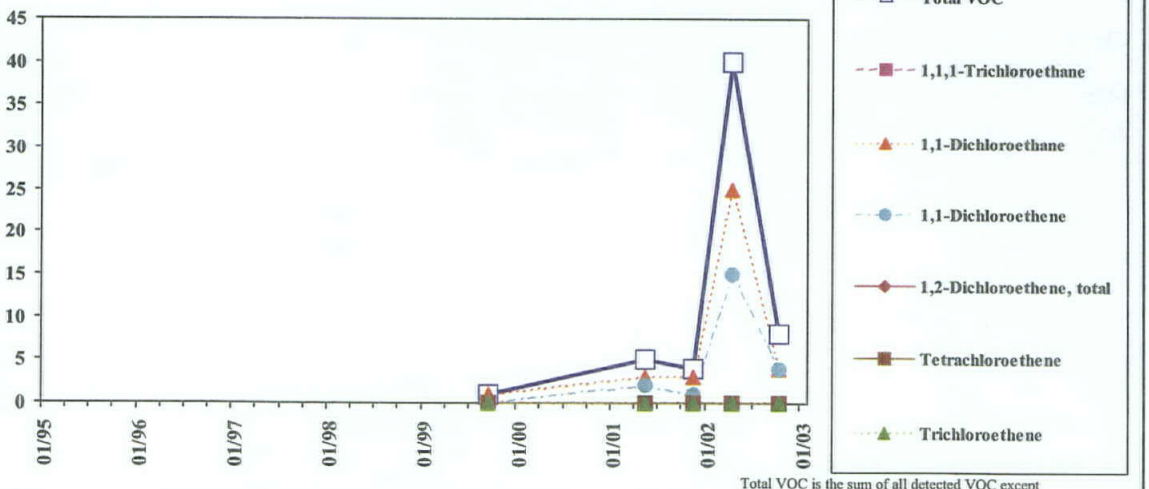
Sample Location:

MW-333

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

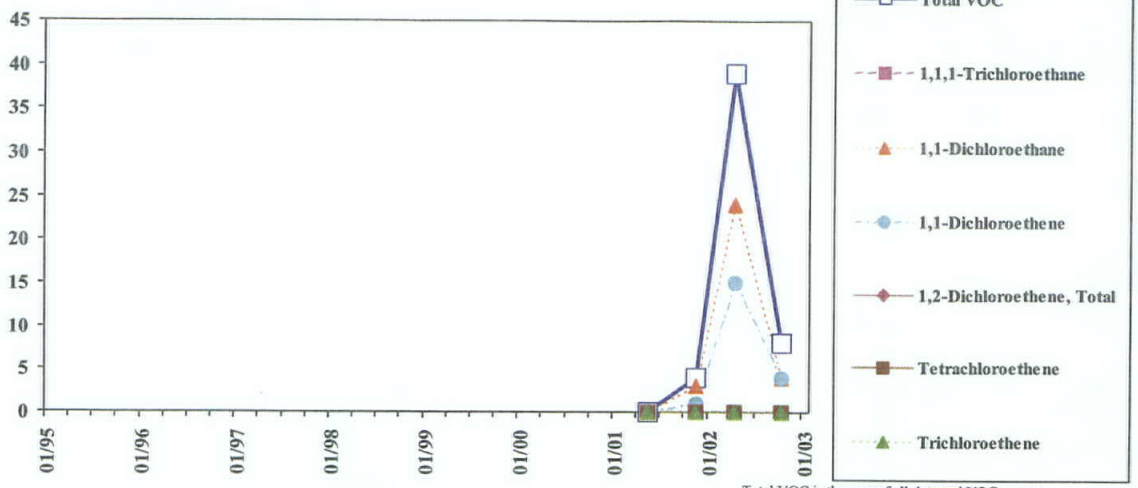
Sample Location:

MW-333

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

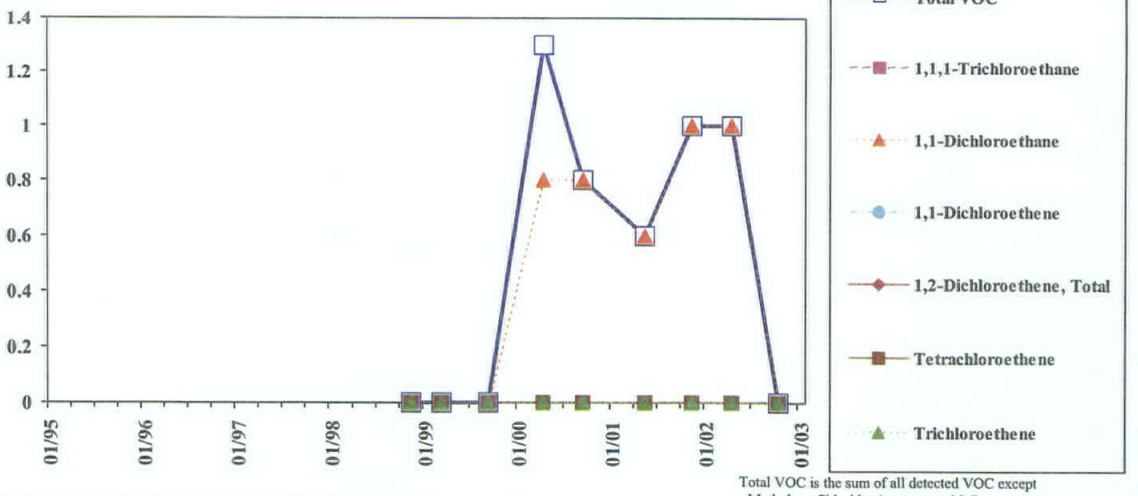
Sample Location:

MW-334

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

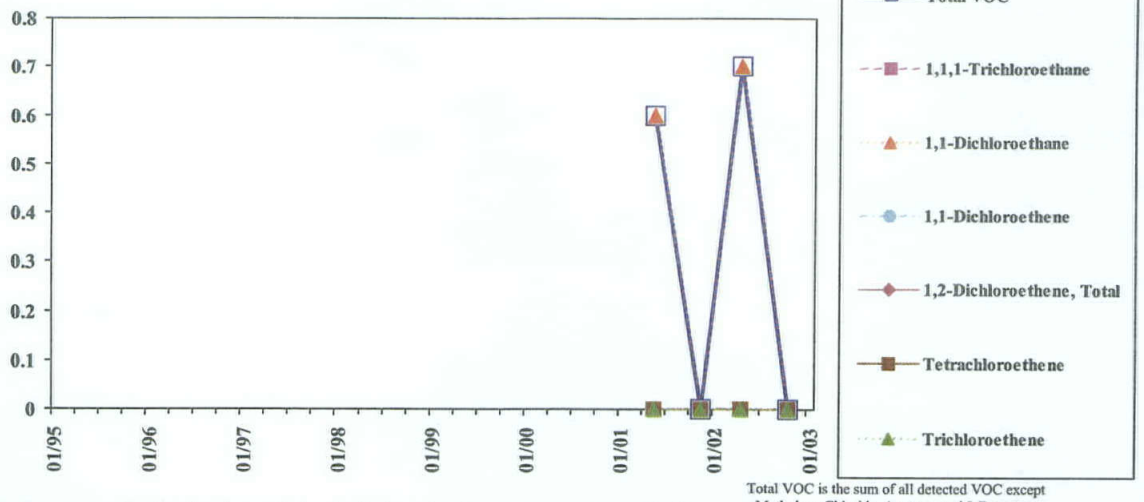
Sample Location:

MW-334

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

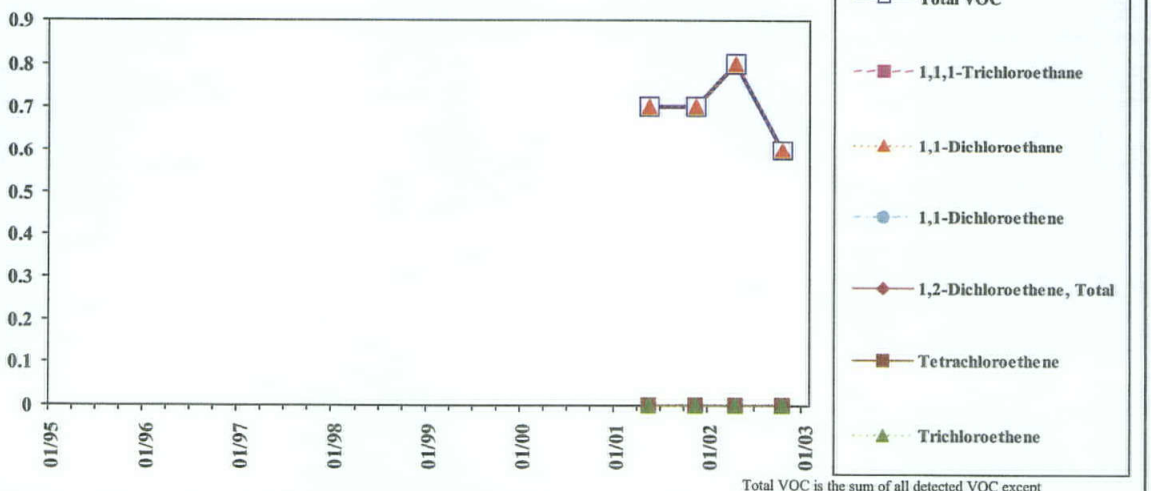
Sample Location:

MW-334

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

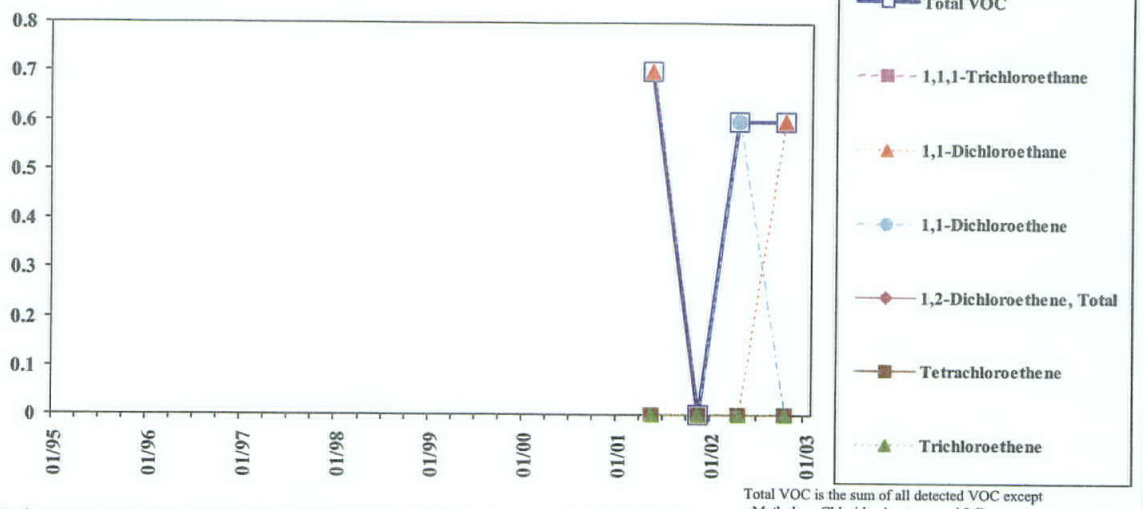
Sample Location:

MW-334

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

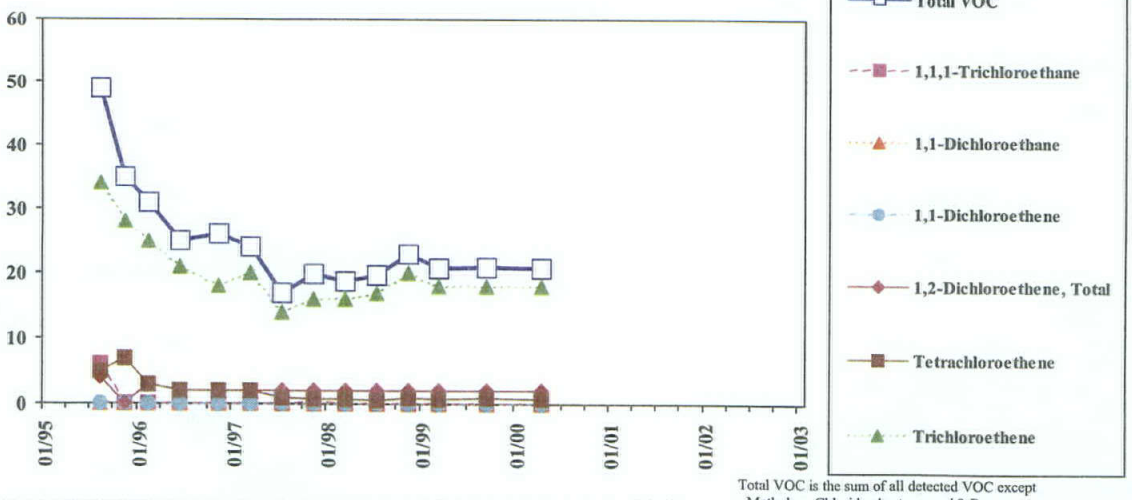
Sample Location:

MW-NASB-212

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

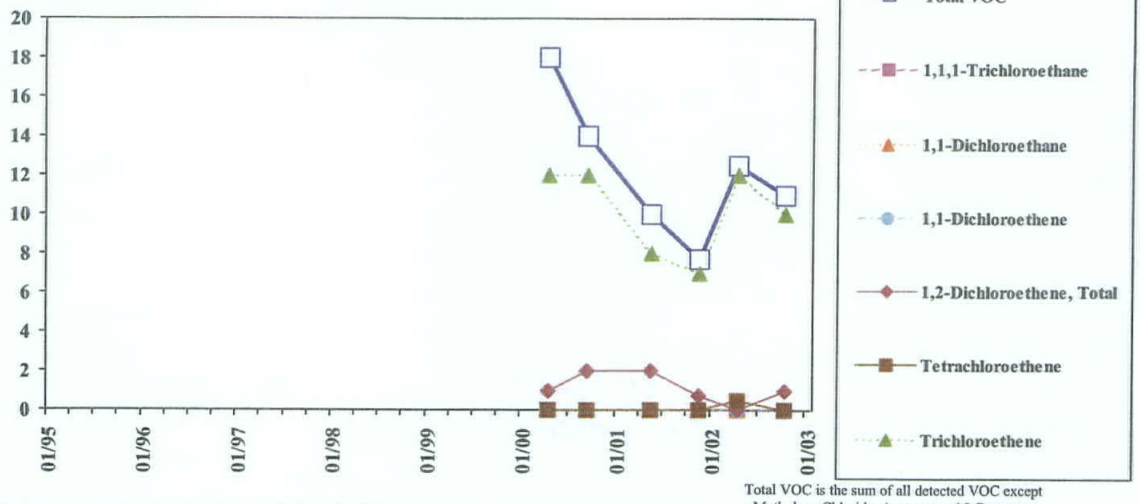
Sample Location:

MW-NASB-212

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

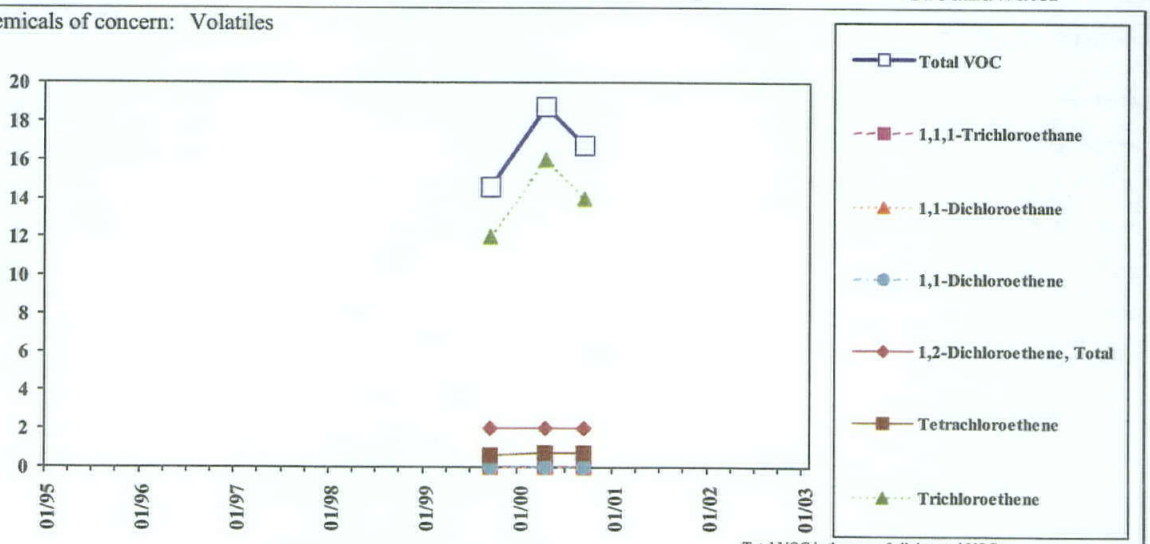
Sample Location:

MW-NASB-212

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

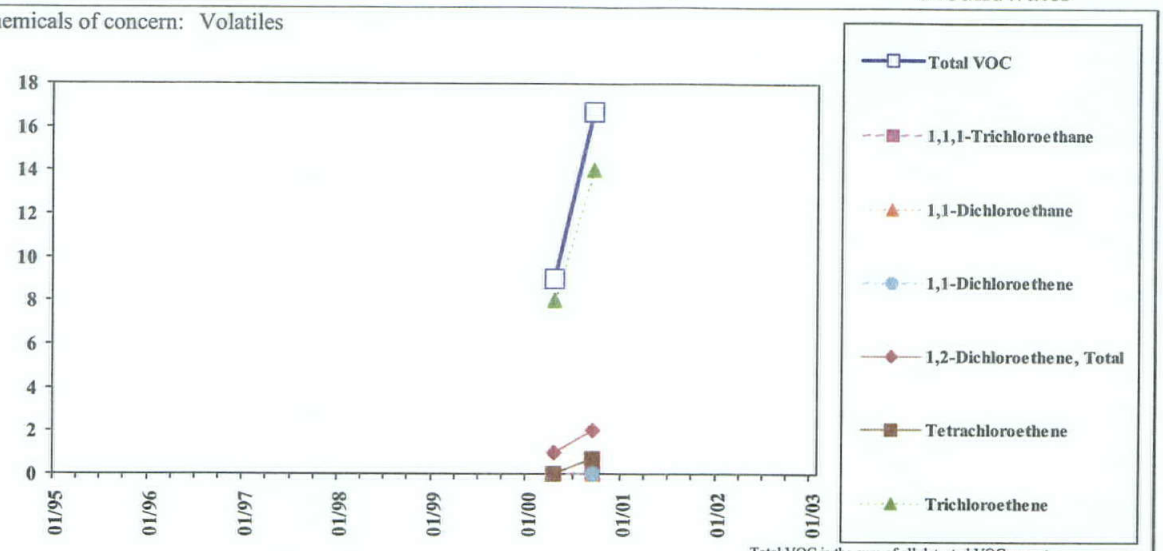
Sample Location:

MW-NASB-212

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

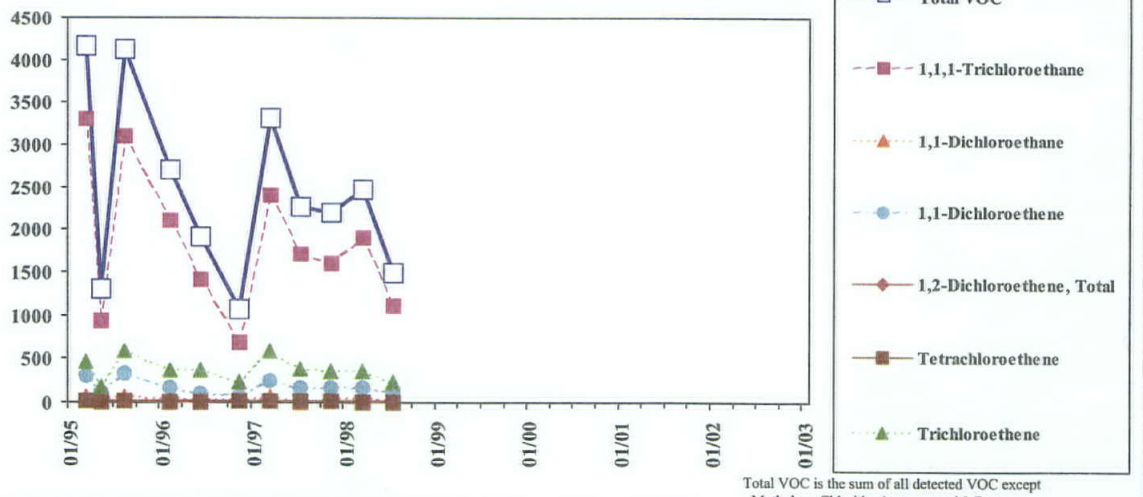
Sample Location:

P-105

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

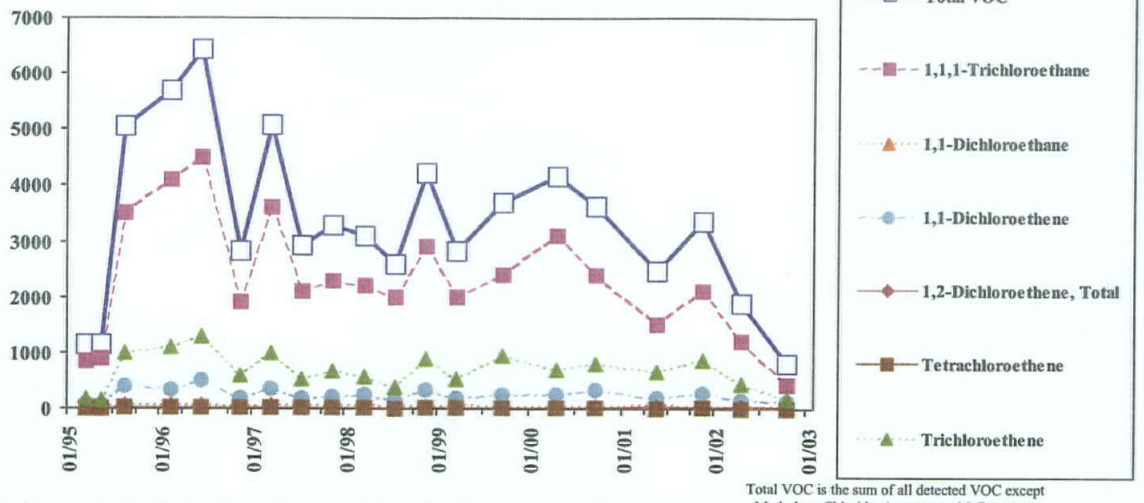
Sample Location:

P-106

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

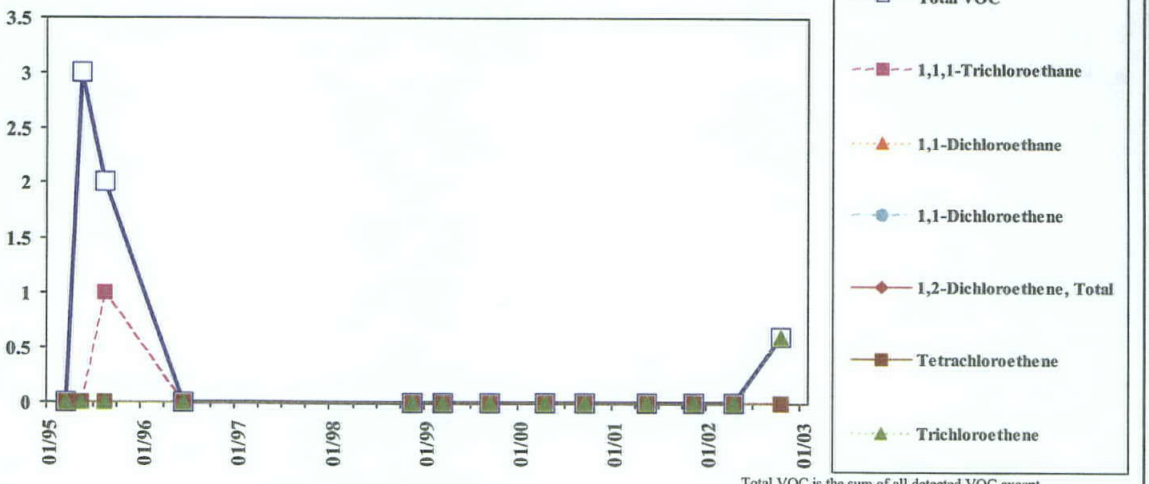
Sample Location:

P-111

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

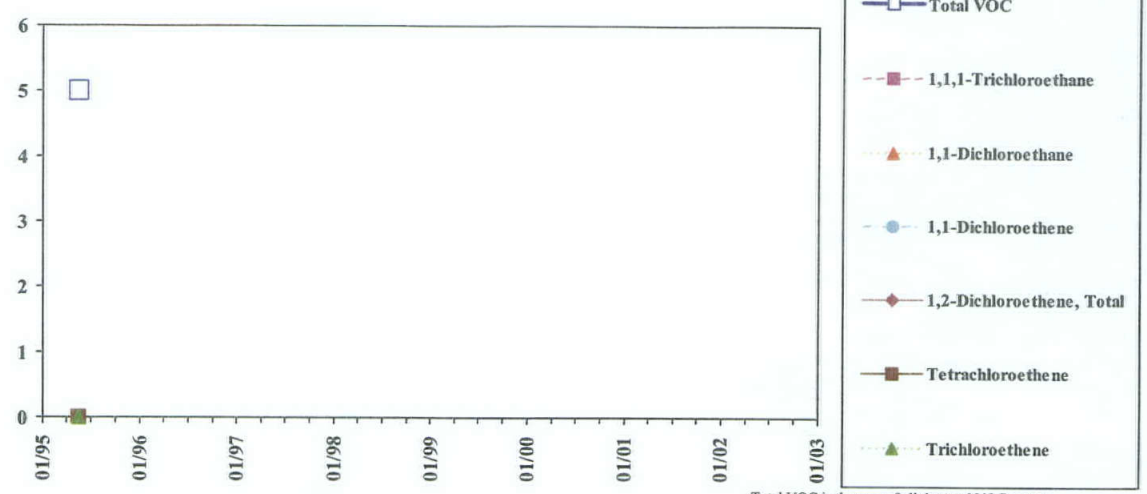
Sample Location:

P-112

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

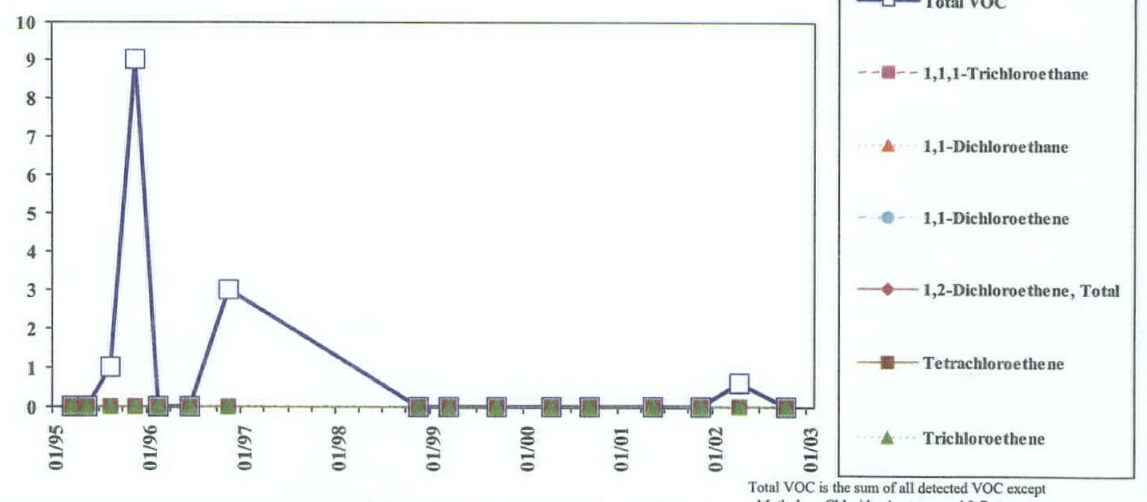
Sample Location:

P-132

Low-flow Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

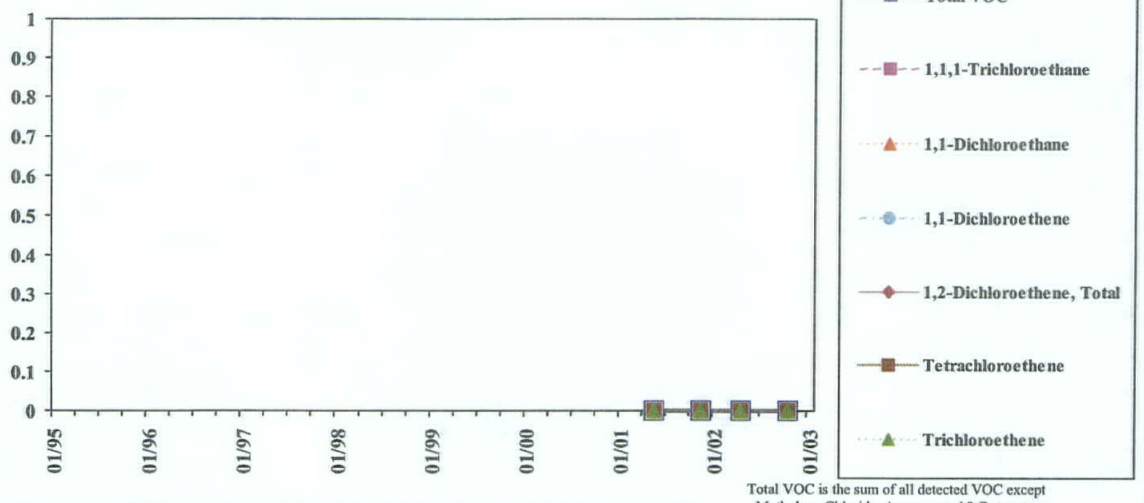
Sample Location:

P-132

Shallow Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

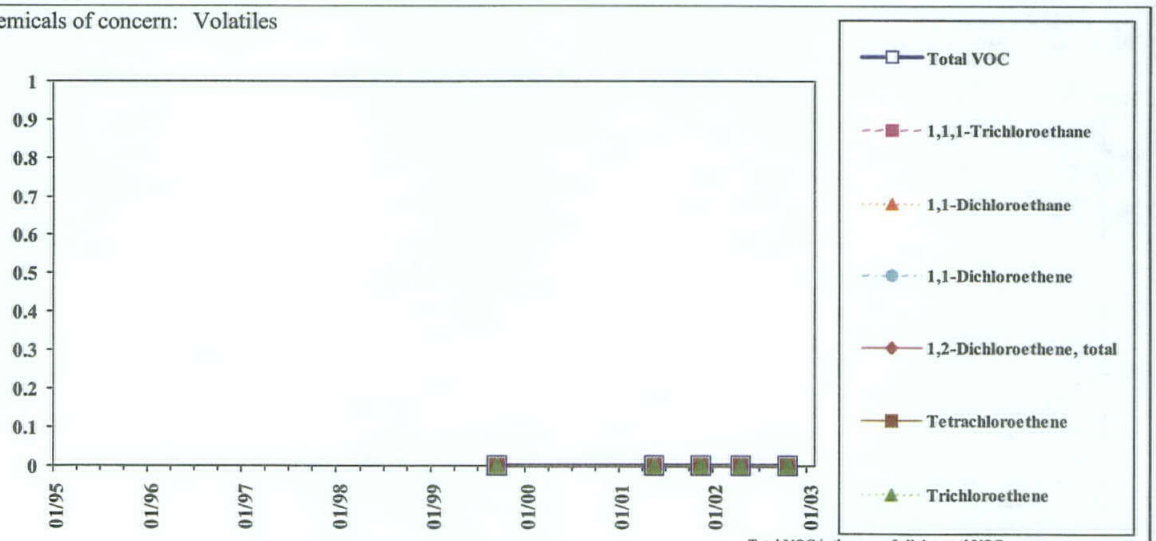
Sample Location:

P-132

Mid-depth Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Sample concentration units: µg/L

1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

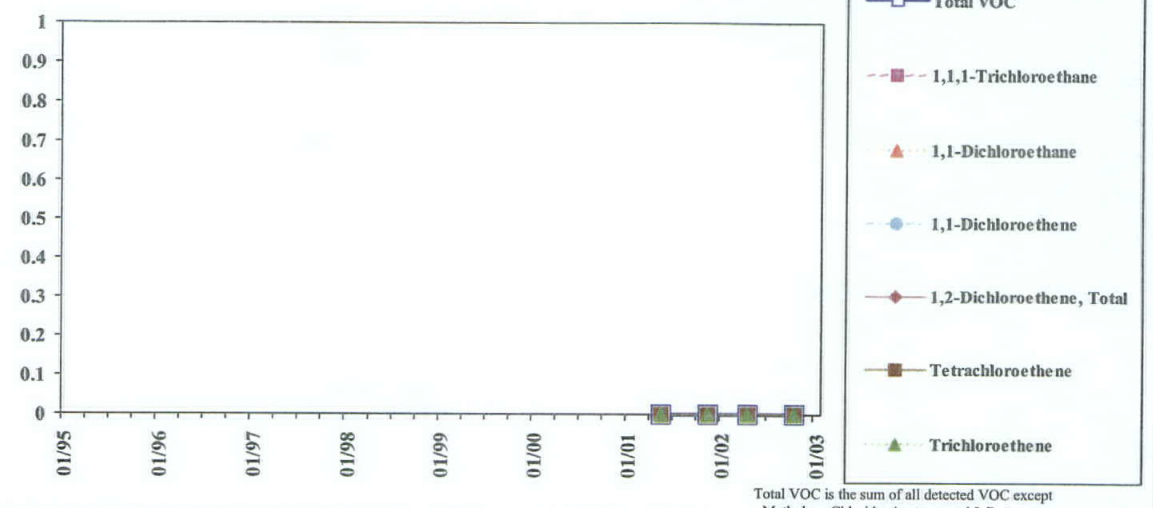
Sample Location:

P-132

Deep Diffusion Sample

Eastern Plume Groundwater

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

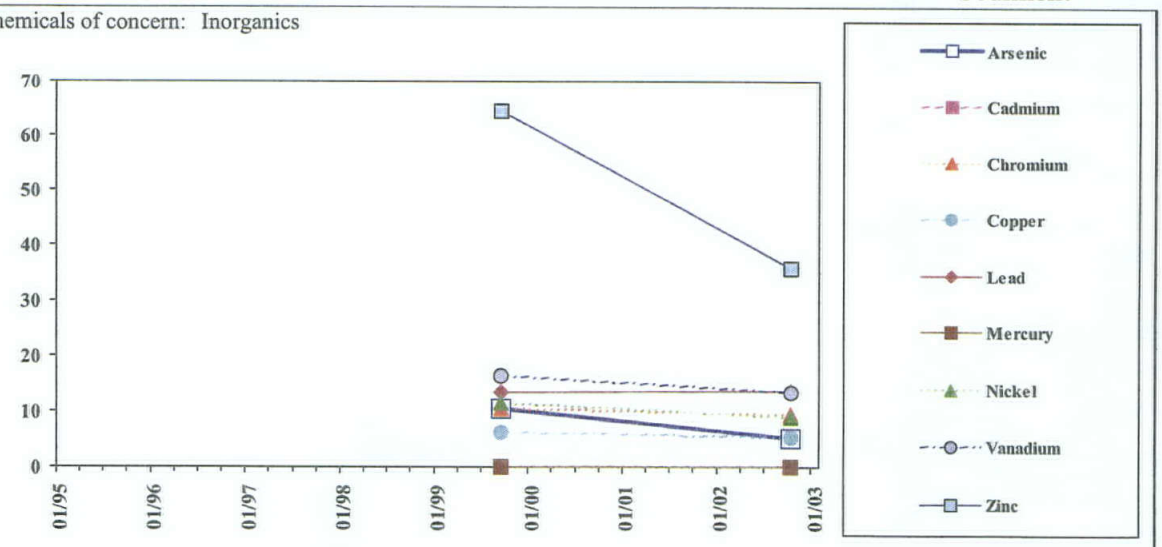
1,1,1-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		1,2-Dichloroethene, total		Tetrachloroethene		Trichloroethene	
MEG:	200	MEG:	70	MEG:	7	MEG:	70	MEG:	3	MEG:	5
MCL:	200	MCL:	-	MCL:	7	MCL:	70	MCL:	5	MCL:	5

Sample Location:

SED-11

Eastern Plume Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

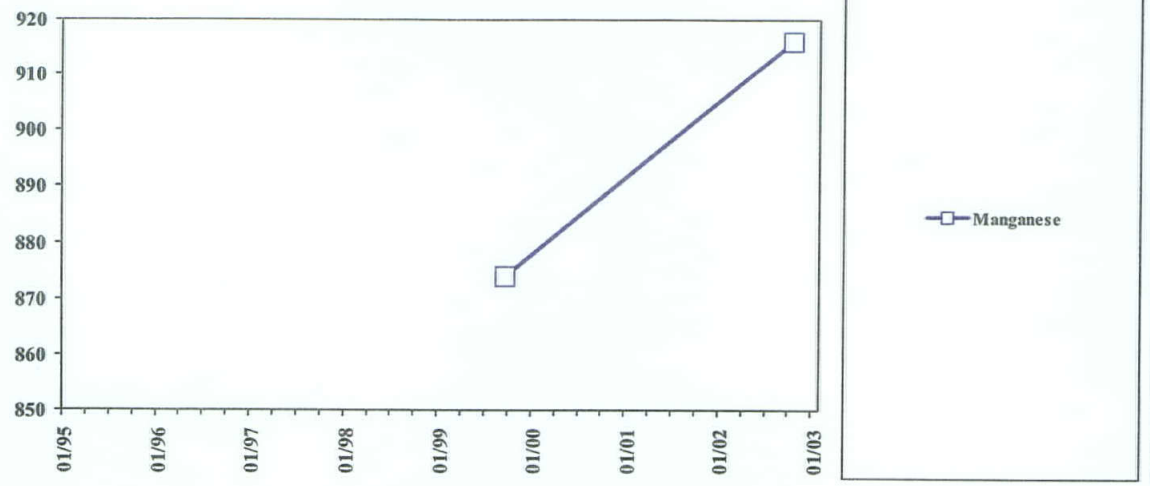
Sample concentration units: mg/Kg

Sample Location:

SED-11

Eastern Plume
Sediment

Chemicals of concern: Inorganics



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

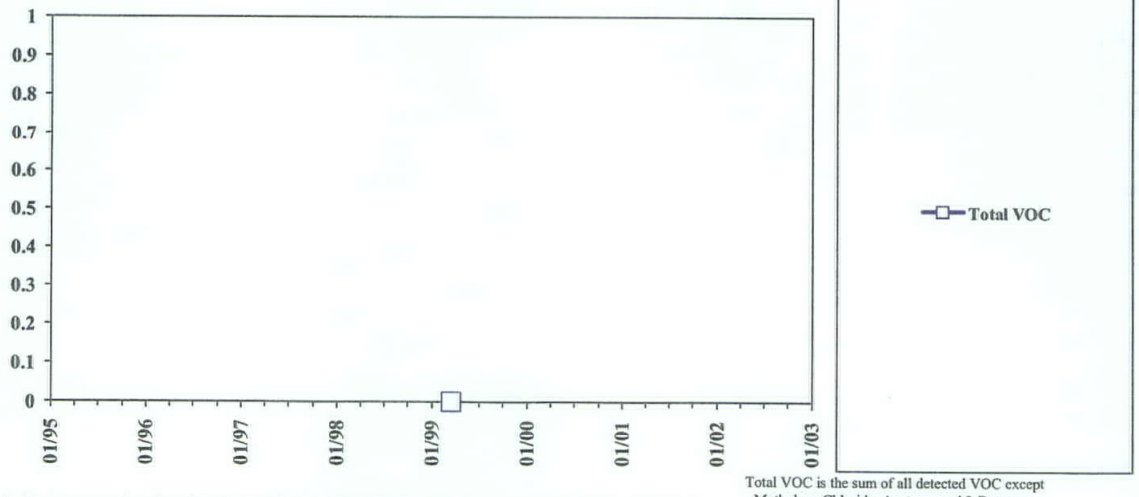
Sample concentration units: mg/Kg

Sample Location:

SEEP-06

Eastern Plume
Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

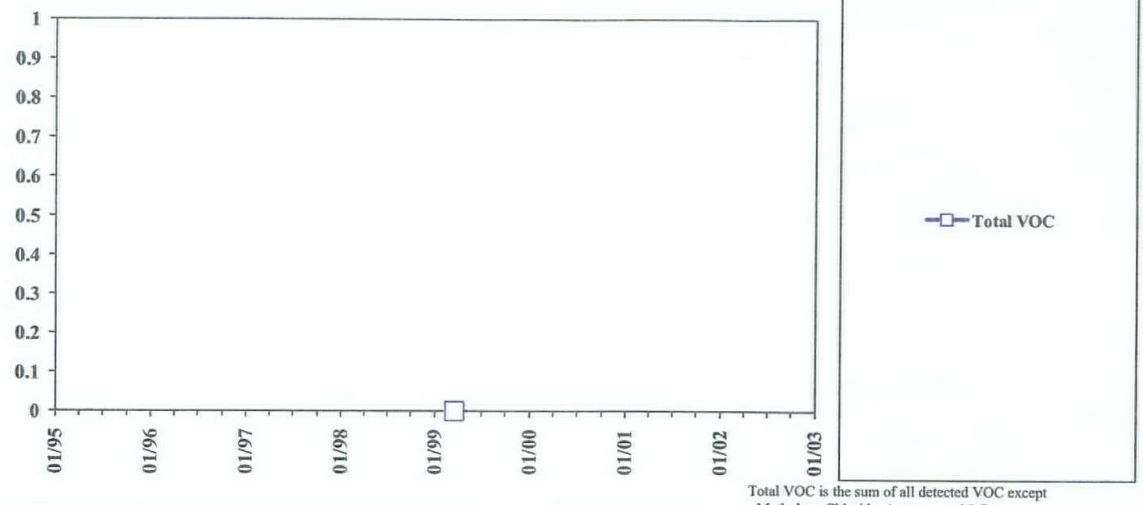
Sample concentration units: µg/L

Sample Location:

SEEP-07

Eastern Plume Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

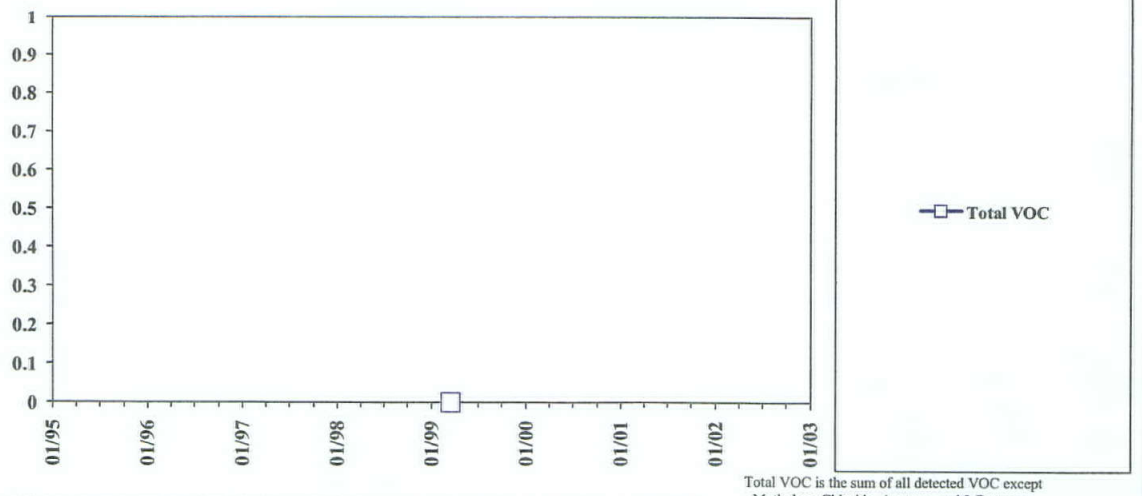
Sample concentration units: µg/L

Sample Location:

SEEP-08

Eastern Plume Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

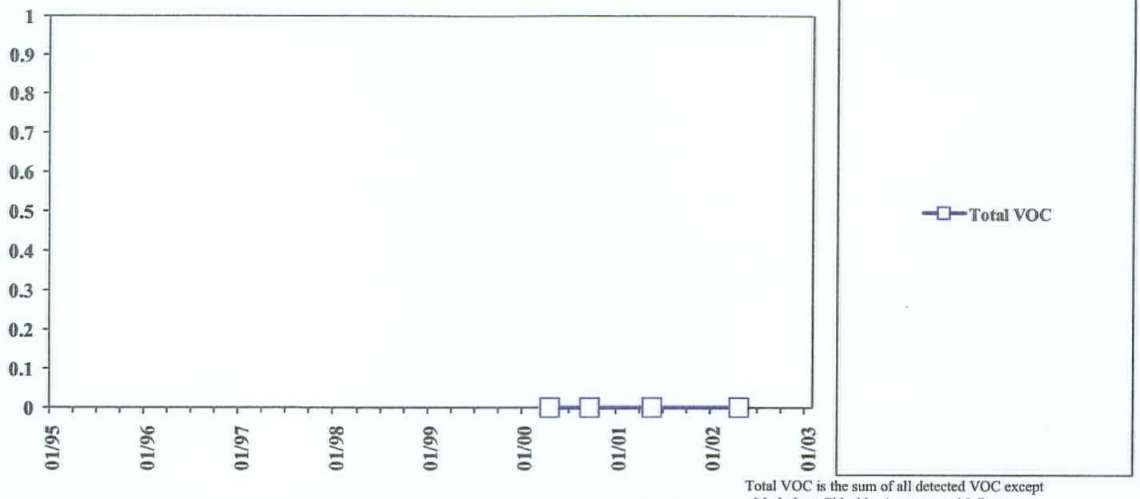
Sample concentration units: µg/L

Sample Location:

SEEP-10

Eastern Plume Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

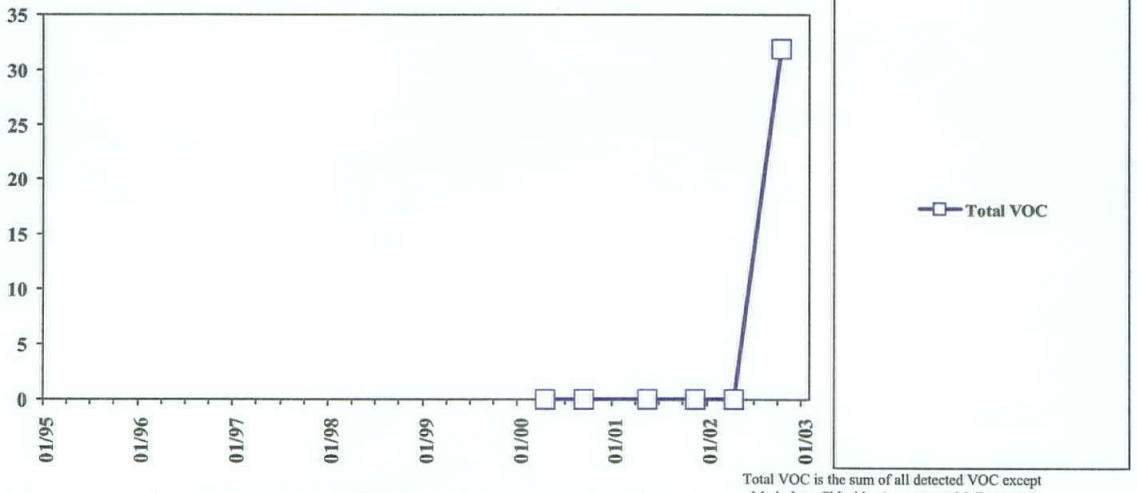
Sample concentration units: µg/L

Sample Location:

SEEP-11

Eastern Plume Leachate

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

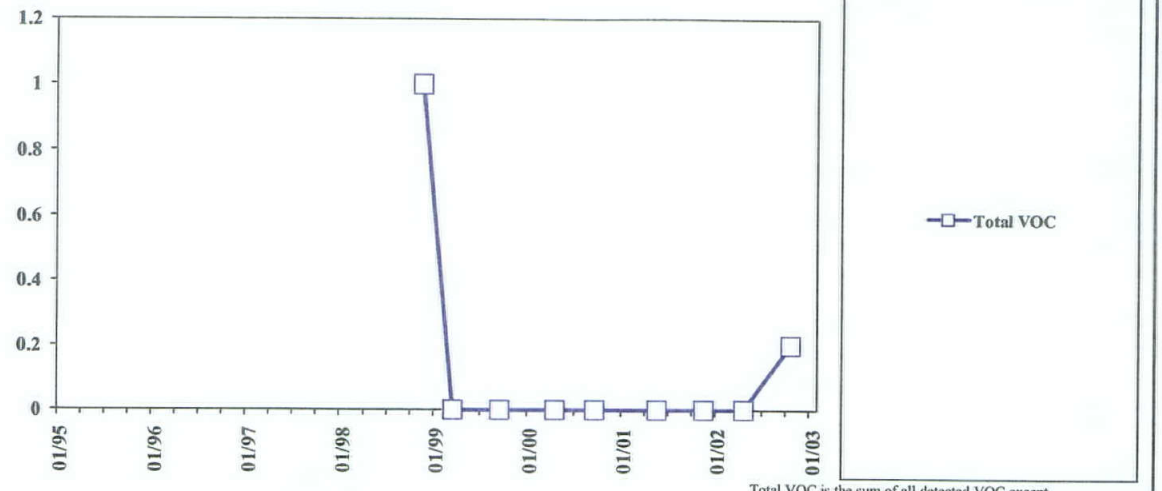
Sample concentration units: µg/L

Sample Location:

SW-10

Eastern Plume
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

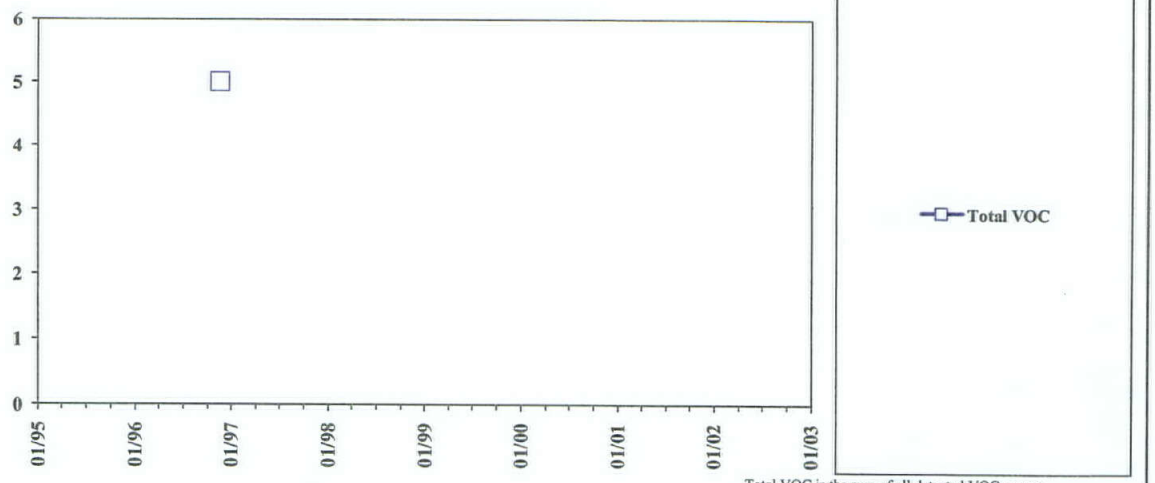
Sample concentration units: µg/L

Sample Location:

SW-100

Eastern Plume
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

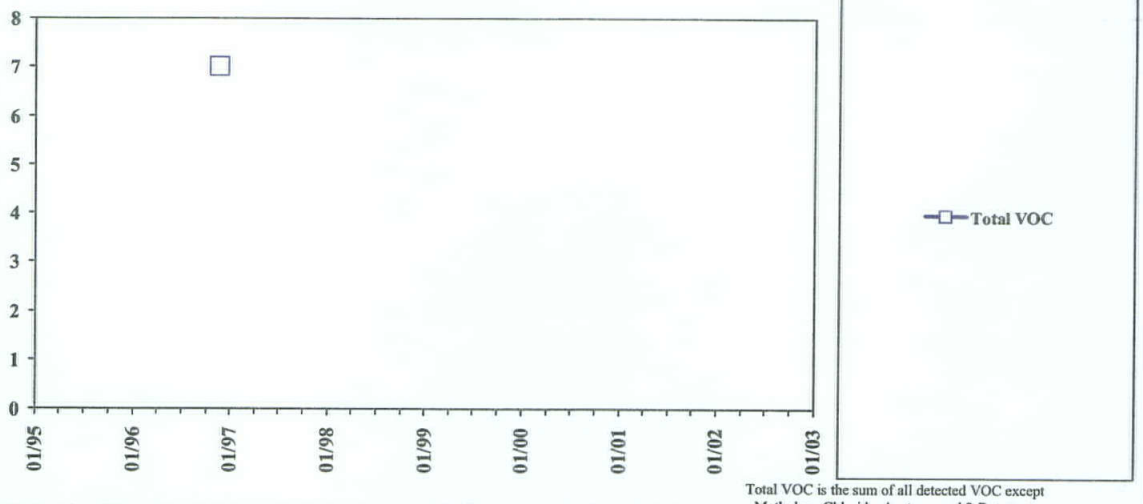
Sample concentration units: µg/L

Sample Location:

SW-101

Eastern Plume
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

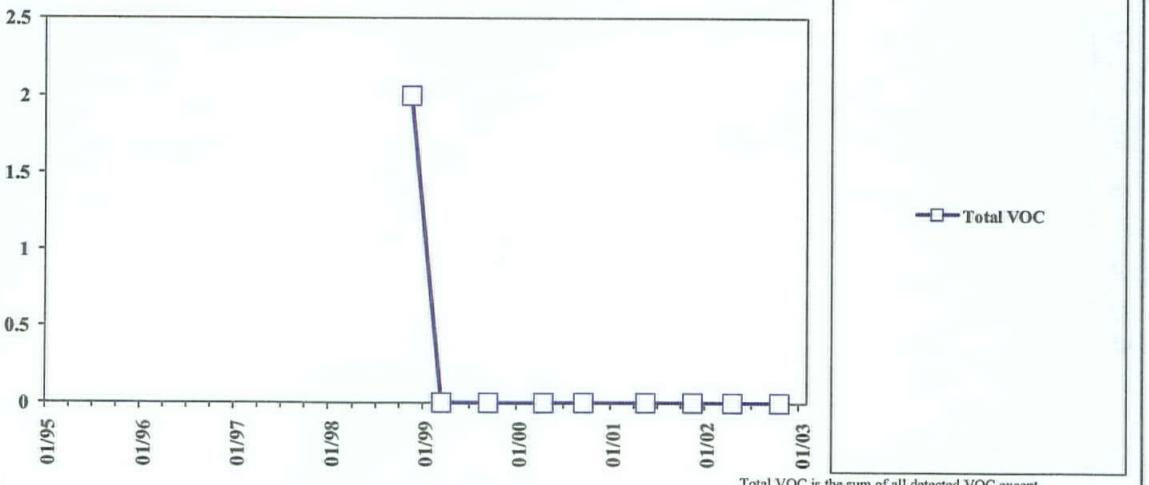
Sample concentration units: µg/L

Sample Location:

SW-11

Eastern Plume
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

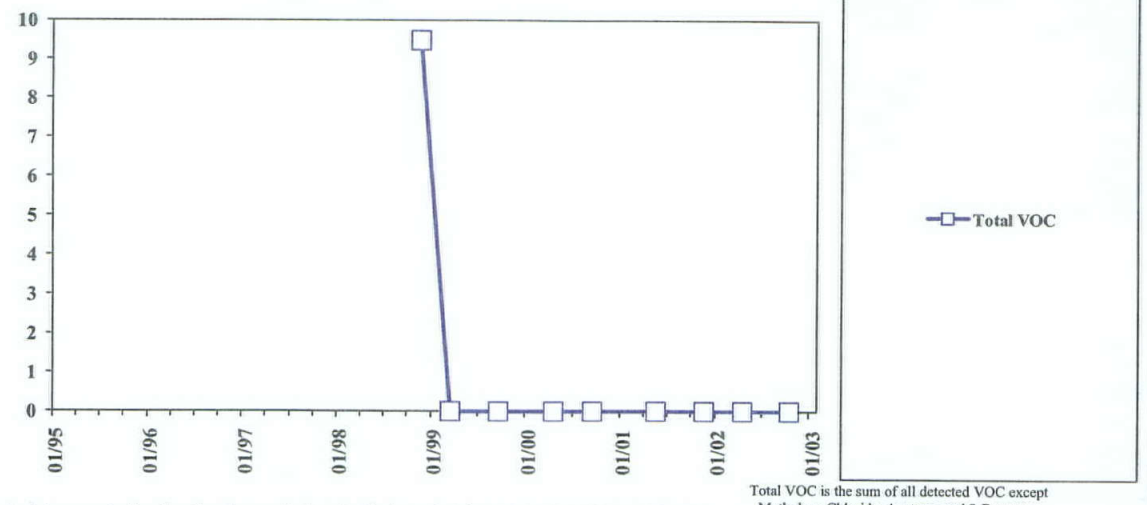
Sample concentration units: µg/L

Sample Location:

SW-12

Eastern Plume
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

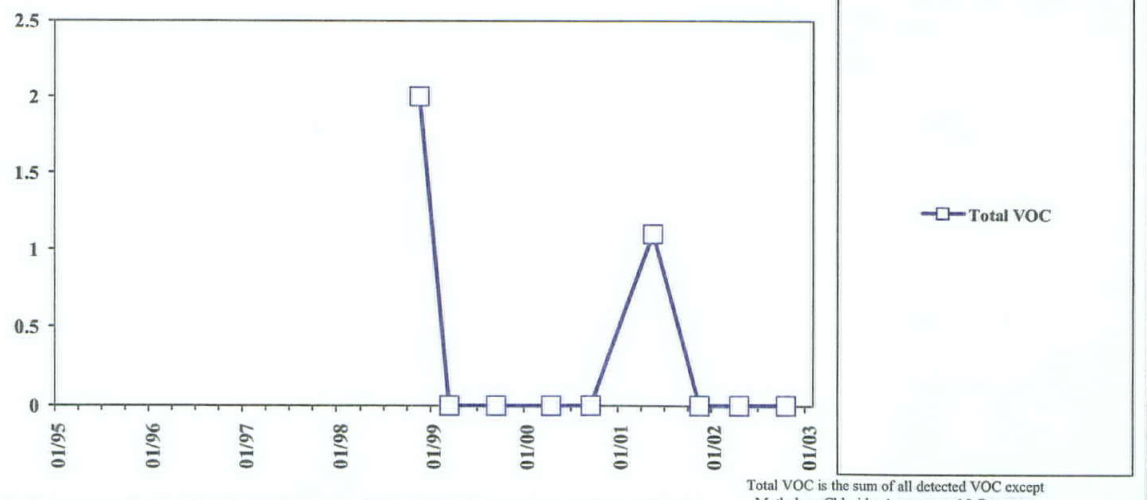
Sample concentration units: µg/L

Sample Location:

SW-13

Eastern Plume
Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

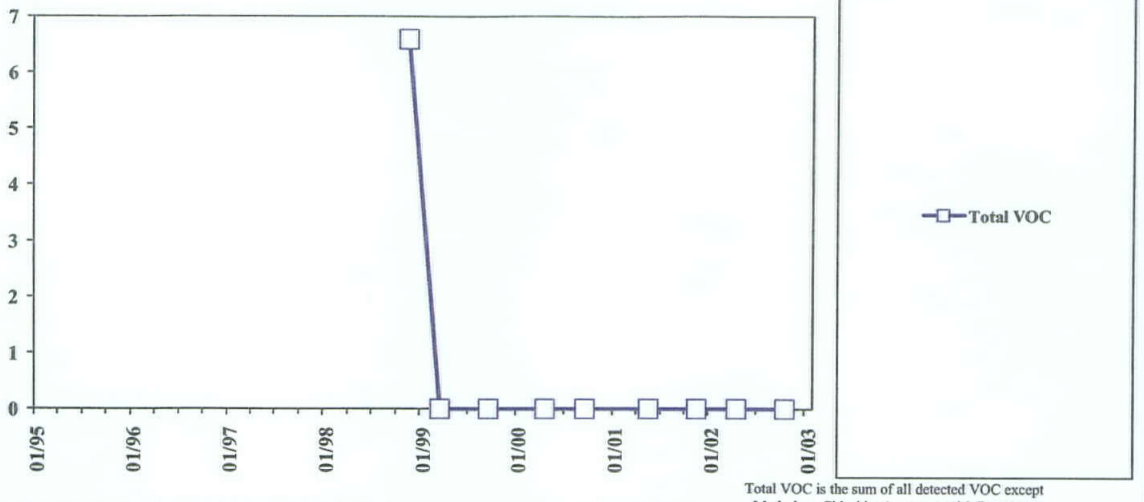
Sample Location:

SW-14

Eastern Plume

Surface water

Chemicals of concern: Volatiles



Analyte concentrations less than the sample detection limit are plotted as zero concentration on this chart.

Total VOC is the sum of all detected VOC except Methylene Chloride, Acetone, and 2-Butanone.

Sample concentration units: µg/L

Appendix D

Analytical Data Quality Review

D.1 Method Detection Limits for Solid and Aqueous Samples

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APPENDIX D
ANALYTICAL DATA QUALITY REVIEW

D.1 INTRODUCTION

This project utilized both field and analytical laboratory quality control measures to ensure that the data quality objectives presented in the project-specific Quality Assurance Project Plan (QAPP) (EA 2000)[1] were met.

The sampling program consisted of 115 aqueous samples (of which 12 were field duplicates) (groundwater, surface water, leachate seep, and aqueous diffusion samples) collected from Sites 1 and 3 and Eastern Plume, and 12 sediment samples (of which 3 were field duplicates) collected from Sites 1 and 3 and Eastern Plume. For the combined analyses for these sites, the laboratory was provided with 3 sediment and 11 aqueous sample delivery groups (SDGs) which included 5 rinsate blanks, 5 trip blanks, and 2 source water blanks. Field sample duplicates and source water, equipment rinsate, and trip blanks were collected at the frequency required by the QAPP.

Analytical quality control was reviewed for compliance against data quality objectives established for precision and accuracy for each sample and analysis type, including field quality control blanks (i.e., trip blank) and field sample duplication. Analytical precision was based upon the mean relative percent difference (RPD) of the matrix spike/matrix spike duplicates (MS/MSD) for organic analysis and the RPD of the laboratory duplicates for inorganic analysis. Accuracy was based upon the reported spike recoveries for the laboratory control standard (LCS), MS/MSD and system monitoring compound (SMC) recoveries (for organic analysis), and LCS and MS recoveries (for inorganic analysis).

The ability of the laboratory to extract compounds is confirmed by the recoveries of the LCS. MS/MSD and SMC recoveries measure the effect of the sample matrix on sample preparation and measurement methodology. Known quantities of target compounds are spiked into the sample matrix for the MS/MSD, and recoveries are used to measure potential bias due to matrix effects. SMCs, which are structurally similar to the targeted analytes, are used to evaluate the recovery of the target compounds, which are then used as indicators for all of the analytes. The accuracy of the LCS spike recoveries is used in conjunction with the MS/MSD when evaluating organic analyses.

Data completeness was quantified by reviewing the number of usable results to the number of results reported. Reported field sample completeness was quantified by comparing the number of samples specified in the current Long-Term Monitoring Plan (LTMP) (EA 2000) to the number of samples collected during Monitoring Event 21.

1. EA Engineering, Science, and Technology, Inc. 2000. Long-Term Monitoring Plan (including Quality Assurance Project Plan) for Sites 1 and 3 and Eastern Plume, Naval Air Station, Brunswick, Maine. February.

For clarity, the following terms are defined for use throughout this review:

- ***Instrument Detection Limit (IDL)***—Defined as the lowest concentration that can be determined to be statistically different from instrument background noise (instrument blank).

- ***Method Detection Limit***—Refers to the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero and is determined from analysis of a sample for a given matrix. The method detection limits for soil and aqueous media are summarized in Appendix D.1.

- ***Contract Required Detection Limit/Contract Required Quantitation Limit (CRDL/CRQL)***—Refers to the minimum level of detection acceptable under the contract Statement of Work in order to ensure regulatory compliance. This terminology is widely accepted in the industry as defined by the U.S. Environmental Protection Agency (EPA) contract laboratory protocols and is a standard list of inorganic analyte concentrations and organic compound concentrations on which laboratory flags and data validation qualifiers are based. These published concentrations are meant to be above the laboratory IDLs in order to ensure a level of confidence. The published CRDLs/CRQLs are specific to the Contract Laboratory Program methodology but are often used throughout industry methods. The data user should be aware that stated CRDLs/CRQLs are generic for a method and are affected for each sample by sample size, concentration, percent solids, and dilution factors.

- ***Practical Quantitation Limit***—Defined as the lowest level that can be reasonably achieved within specified units of precision and accuracy during routine laboratory operating conditions.

D.1.1 Precision

Precision is evaluated by comparing the RPD of the MS/MSD sample pairs to the laboratory-established RPD control limits. If the RPD is outside the quality control acceptance criteria, the positive detect or non-detect is estimated for the affected compound in the unspiked sample (U.S. EPA 1996)[2].

D.1.2 Accuracy

Accuracy is evaluated by comparing MS/MSD recoveries, surrogate spike recoveries, and LCS recoveries to laboratory-established control limits.

2. U.S. Environmental Protection Agency (U.S. EPA)–New England. 1996. Data Validation Functional Guidelines for Evaluating Environmental Analyses. Revised December.

D.1.3 Evaluating Matrix Spike/Matrix Spike Duplicate Recoveries for Accuracy

Generally, no action is taken based on the MS/MSD data alone to qualify an entire SDG. The qualification is limited to the unspiked sample associated with the MS/MSD. However, professional judgement may be used to qualify samples across a particular SDG (i.e., all associated samples).

- If the spike recovery is greater than the upper control limit, then the positive detects are estimated and the non-detects are not affected for the relevant compounds in the unspiked sample.
- If the spike recovery is greater than or equal to 10 percent but less than the lower control limit, then the positive detects are estimated and the non-detects are estimated for the affected compounds in the unspiked sample.
- If the spike recovery is less than 10 percent then the positive detects are estimated and the non-detects are rejected for the affected compounds in the unspiked sample.

D.1.4 Evaluating Surrogate Recoveries for Accuracy

- If the surrogate recovery is greater than the upper limit, the positive detects are estimated and the non-detects are not affected (U.S. EPA 1996).
- If the surrogate recovery is greater than or equal to 10 percent, but less than the lower control limit, then the positive detects are estimated and the non-detects are estimated.
- If the surrogate recovery is less than 10 percent, then the positive detects are estimated and the non-detects are rejected.

NOTE: If a sample has more than one surrogate recovery out of the control limits and the laboratory fails to re-analyze the sample which is outside the control limits, then the sample data should be qualified according to the above-mentioned guidelines for surrogate recoveries. If the sample was re-analyzed and the same surrogate recovery problems exist, this confirms that the non-compliance was due to sample matrix effects rather than poor laboratory performance and no qualification is needed for the sample.

D.1.5 Evaluating Laboratory Control Sample Recoveries for Accuracy

- If the LCS recovery is greater than upper control limit, the positive detects are estimated and the non-detects are not affected (U.S. EPA 1996).

- If the LCS recovery is greater than or equal to 10 percent, but less than the lower control limit, the positive detects are estimated and the non-detects are estimated.

- If the LCS recovery is less than 10 percent, the positive detects are estimated and the non-detects are rejected.

The following sections summarize the results of this program:

Data Quality Review	Holding Time	Field/ Method Blank Contamination	Precision		Accuracy			Completeness	
			Laboratory	Field	SMC	MS/MSD	LCS	Analytical	Field
AQUEOUS									
VOC	✔	✔B	✔J	✔J	✔	✔J	✔J	100%✔	100%✔
Metals	✔	✔	✔	✔	NA	✔J	✔J	100%✔	100%✔
SEDIMENT									
VOC	✔	✔B	✔	✔J	✔J	✔	✔J	100%✔	100%✔
Metals	✔	✔	✔J	✔J	NA	✔J	✔	100%✔	100%✔
Pesticides	✔	✔	✔J	✔J	✔	✔J	✔	100%✔	100%✔
Total Organic Carbon	✔	✔	✔	✔J	NA	NA	NA	100%✔	100%✔

NOTE: ✔ = The data are usable as reported based on the data quality review of this quality measurement.
✔B = The data have been affected by field blank/laboratory contamination; false-positives may exist.
✔J = The data are usable, however, some analyte concentrations should be considered estimates of their true concentrations.
NA = The quality measurement does not apply to this matrix or analytical methodology.

All volatile organic compounds (VOCs), pesticide, total organic carbon, and metals data for Sites 1 and 3 and Eastern Plume are usable as reported based on the accuracy and precision review provided herein. Minor sample biases are identified and a detailed description of field/laboratory blank contamination (Section D.6), precision issues (Sections D.3 and D.7), and accuracy issues (Section D.4) are provided below.

D.1.6 Field Sampling Program Quality Control

Field sampling quality control was acceptable and conducted according to the current QAPP (EA 2000). A field quality control duplicate sample was collected for each matrix (i.e., sediment and water) and analyzed for the same parameters as the environmental samples to determine field sampling precision. The potential for cross-contamination of volatile organics during sample storage and shipment was monitored by trip blanks which were shipped with each sample cooler containing aqueous and sediment samples. The trip blanks were analyzed for VOCs by EPA SW-846, Method 8260B. To document the effectiveness of decontamination protocols, rinsate blank samples were collected by running de-ionized water through non-dedicated sampling equipment into the appropriate sample containers and analyzing for the same parameters as the environmental samples. In addition, a source water blank was analyzed to assess the chemical quality of the water used in the decontamination process. The source water blanks were also analyzed for the same parameters as the environmental samples.

D.1.7 Laboratory Analytical Quality Control Program

The precision and accuracy objectives and reporting requirements identified in the current LTMP were met. Groundwater, surface water, leachate seep, and leachate seep sediment samples collected at Sites 1 and 3 were analyzed for Target Compound List VOCs by EPA Method 8260B; pesticides by EPA Method 8081A; and Target Analyte List elements, including metals by inductively coupled plasma (EPA Method 6010A) and mercury by cold vapor atomic adsorption (EPA Method 7471A/7470M[3]). Arsenic, selenium, thallium, and chromium were analyzed by inductively coupled plasma (EPA Method 6010) rather than graphite furnace atomic adsorption (EPA 7000 series methods) as specified in the current LTMP (EA 2000).

Groundwater, aqueous diffusion, leachate seep, and surface water samples collected at the Eastern Plume were analyzed for Target Compound List VOCs by EPA Method 8260B. The sediment samples collected at the Eastern Plume were analyzed for pesticides by EPA Method 8081A; and Target Analyte List elements, including metals by inductively coupled plasma (EPA Method 6010A) and mercury by cold vapor atomic adsorption (EPA Method 7471A/7470M[3]). Arsenic, selenium, thallium, and chromium were analyzed by inductively coupled plasma (EPA Method 6010) rather than graphite furnace atomic adsorption (EPA 7000 series methods) as specified in the current LTMP (EA 2000). The precision and accuracy objectives and reporting requirements identified in the LTMP were met. The quality control measures specified in the SW-846 methodology (MS/MSD, SMC, LCS, and laboratory duplicates), as well as those in the QAPP (EA 2000), were used by the laboratory to establish proper analytical quality control. The range of results for the data quality objective parameters is discussed for each sample matrix in the following sections.

D.2 SAMPLE HOLDING TIMES

The holding times were met for all methods and sample matrixes; all data are usable as reported. Holding times (defined as from date of sample collection to date of sample preparation/analyses) were compared against the maximum holding times identified in the quality control requirements of the referenced analytical methods.

D.3 PRECISION

D.3.1 Volatile Organic Compounds

The surface water, monitoring well, leachate seep, and aqueous diffusion sample results are usable as reported based on precision criteria. Forty VOCs were used to qualify the MS/MSD RPDs. The control limits identified in the QAPP were used to evaluate the data. MS/MSD sets were performed on samples MW-218, MW-203, SEEP-9, and SW-3 from Sites 1 and 3 and MW-308, MW-225A, MW-225A (shallow), MW-231A (mid), SW-13, MW-308 (shallow), and SEEP-11 from Eastern Plume. The aqueous diffusion samples MW-332 (mid) and MW-309B

3. To use a microwave digestion versus water bath.

(shallow) and sediment sample SED-11 were designated for MS/MSD analyses for Eastern Plume; however, the laboratory did not analyze these samples. There were no MS/MSD analyses for leachate seep sediment and sediment designated for Sites 1 and 3 and no sediment and combined effluent designated for Eastern Plume, therefore, sediment, leachate seep sediment, and combined effluent samples were not evaluated for analytical precision at the sites previously mentioned.

The monitoring well sample MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria with the exception of the following: chloromethane (26 percent), vinyl chloride (24 percent), bromomethane (29 percent), chloroethane (21 percent), 1,1-dichloroethene (22 percent), *trans*-1,2-dichloroethene (22 percent), tetrachloroethene (21 percent), 1,3-dichlorobenzene (21 percent), 1,4-dichlorobenzene (22 percent), and total 1,2-dichloroethene (22 percent) in sample MW-218; and chloromethane (30 percent), vinyl chloride (30 percent), bromomethane (34 percent), chloroethane (35 percent), 1,1-dichloroethene (21 percent), carbon disulfide (27 percent), methylene chloride (28 percent), acetone (51 percent), *trans*-1,2-dichloroethene (26 percent), 1,1-dichloroethane (21 percent), *cis*-1,2-dichloroethene (25 percent), benzene (22 percent), 1,2-dichloroethene (26 percent), bromodichloromethane (23 percent), *cis*-1,3-dichloropropene (25 percent), toluene (23 percent), 4-methyl-2-pentanone (36 percent), *trans*-1,3-dichloropropene (29 percent), 1,1,2-trichloroethane (28 percent), dibromochloromethane (24 percent), 2-hexanone (37 percent), o-xylene (24 percent), styrene (22 percent), bromoform (31 percent), 1,1,2,2-tetrachloroethane (29 percent), 1,4-dichlorobenzene (22 percent), and total 1,2-dichloroethene (25 percent) in sample MW-203. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, *trans*-1,2-dichloroethene, tetrachloroethene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and total 1,2-dichloroethene should be considered estimated in sample MW-218. The positive results for 1,1-dichloroethane in sample MW-203 and 1,1-dichloroethane and *cis*-1,2-dichloroethene in sample MW-203 DUP should be considered estimated. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, acetone, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, benzene, 1,2-dichloroethene, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,4-dichlorobenzene, and total 1,2-dichloroethene should be considered estimated in samples MW-203 and MW-203 DUP. The data user should note that the result for methylene chloride should be considered false-positive due to method blank contamination in samples MW-203 and MW-203 DUP (see Section D.7.1 for discussion).

The monitoring well sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria with the exception of the following: chloromethane (22 percent), vinyl chloride (24 percent), bromomethane (43 percent), chloroethane (34 percent), 1,1-dichloroethene (25 percent), carbon disulfide (29 percent), methylene chloride (42 percent), acetone (53 percent), *trans*-1,2-dichloroethene (31 percent), 1,1-dichloroethane (36 percent), *cis*-1,2-dichloroethene (37 percent), chloroform (39 percent), carbon tetrachloride (31 percent), 1,1,1-trichloroethane (31 percent), 2-butanone (46 percent), benzene (37 percent), 1,2-dichloroethane (45 percent), trichloroethene

(33 percent), 1,2-dichloropropane (45 percent), bromodichloromethane (42 percent), *cis*-1,3-dichloropropene (47 percent), toluene (39 percent), 4-methyl-2-pentanone (54 percent), tetrachloroethene (28 percent), *trans*-1,3-dichloropropane (46 percent), 1,1,2-trichloroethane (49 percent), dibromochloromethane (44 percent), 2-hexanone (62 percent), chlorobenzene (35 percent), ethylbenzene (35 percent), m+p-xylenes (35 percent), o-xylene (39 percent), styrene (43 percent), bromoform (49 percent), 1,1,2,2-tetrachloroethane (48 percent), 1,3-dichlorobenzene (37 percent), 1,4-dichlorobenzene (36 percent), 1,2-dichlorobenzene (41 percent), total 1,2-dichloroethene (34 percent), and total xylenes (37 percent) in sample MW-308; and carbon disulfide (24 percent), *trans*-1,2-dichloroethane (23 percent), chloroform (21 percent), 2-butanone (21 percent), tetrachloroethene (23 percent), ethylbenzene (22 percent), and total 1,2-dichloroethene (21 percent) in sample MW-225A. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropane, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, total 1,2-dichloroethene, and total xylenes should be considered estimated in samples MW-308 and MW-308 DUP. The positive results for total 1,2-dichloroethene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene, and the non-detect results for carbon disulfide, *trans*-1,2-dichloroethane, chloroform, 2-butanone, and ethylbenzene, should be considered estimated in samples MW-225A and MW-225A DUP.

The leachate seep sample MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria in sample SEEP-9 with the exception of the following: chloromethane (39 percent), vinyl chloride (35 percent), bromomethane (32 percent), chloroethane (24 percent), 1,1-dichloroethene (38 percent), carbon disulfide (32 percent), methylene chloride (41 percent), *trans*-1,2-dichloroethene (34 percent), 1,1-dichloroethane (34 percent), *cis*-1,2-dichloroethene (31 percent), chloroform (39 percent), carbon tetrachloride (25 percent), 1,1,1-trichloroethane (34 percent), 2-butanone (44 percent), benzene (35 percent), 1,2-dichloroethane (49 percent), trichloroethene (34 percent), 1,2-dichloropropane (43 percent), bromodichloromethane (41 percent), *cis*-1,3-dichloropropene (43 percent), toluene (36 percent), 4-methyl-2-pentanone (59 percent), tetrachloroethene (26 percent), *trans*-1,3-dichloropropene (50 percent), 1,1,2-trichloroethane (50 percent), dibromochloromethane (42 percent), 2-hexanone (61 percent), chlorobenzene (36 percent), ethylbenzene (30 percent), m+p-xylenes (31 percent), o-xylenes (33 percent), styrene (34 percent), bromoform (48 percent), 1,1,2,2-tetrachloroethane (58 percent), 1,3-dichlorobenzene (38 percent), 1,4-dichlorobenzene (37 percent), 1,2-dichlorobenzene (40 percent), total 1,2-dechloroethene (32 percent), and total xylenes (32 percent). The positive results for 1,1-dichloroethane in sample SEEP-9 and 1,1-dichloroethane, 1,2-dichlorobenzene, 1,4-dichlorobenzene, and chloroethane in sample SEEP-9 DUP should be considered estimated. The non-detect results for chloromethane, vinyl chloride, bromomethane, carbon disulfide, methylene chloride, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, chloroform, carbon

tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, and total 1,2-dichloroethene should be considered estimated in samples SEEP-9 and SEEP-9 DUP. The data user should note that the results for 1,2-dichlorobenzene, 1,4-dichlorobenzene, ethylbenzene, m+p-xylene, and total xylenes in sample SEEP-09 should be considered false-positive due to method blank contamination (see Section D.7.1 for discussion).

The leachate seep sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria in sample SEEP-11 with the exception of the following: chloromethane (46 percent), vinyl chloride (30 percent), bromomethane (65 percent), chloroethane (50 percent), 1,1-dichloroethene (29 percent), carbon disulfide (34 percent), methylene chloride (51 percent), acetone (22 percent), *trans*-1,2-dichloroethene (48 percent), 1,1-dichloroethane (45 percent), *cis*-1,2-dichloroethene (38 percent), chloroform (40 percent), carbon tetrachloride (39 percent), 1,1,1-trichloroethane (33 percent), 2-butanone (44 percent), benzene (44 percent), 1,2-dichloroethane (44 percent), trichloroethene (33 percent), 1,2-dichloropropane (51 percent), bromodichloromethane (44 percent), *cis*-1,3-dichloropropene (44 percent), toluene (44 percent), 4-methyl-2-pentanone (51 percent), tetrachloroethene (31 percent), *trans*-1,3-dichloropropene (39 percent), 1,1,2-trichloroethane (41 percent), dibromochloromethane (39 percent), chlorobenzene (35 percent), ethylbenzene (42 percent), m+p-xylenes (39 percent), o-xylenes (43 percent), styrene (48 percent), bromoform (40 percent), 1,1,2,2-tetrachloroethane (52 percent), 1,3-dichlorobenzene (54 percent), 1,4-dichlorobenzene (56 percent), 1,2-dichlorobenzene (55 percent), total 1,2-dichloroethene (43 percent), and total xylenes (41 percent). The positive results for 1,1,1-tichloroethane, 1,1-dichloroethene, total 1,2-dichloroethene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene should be considered estimated in samples SEEP-11 and SEEP-11 DUP. The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, carbon disulfide, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 2-butanone, benzene, 1,2-dichloroethane, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, and total xylenes are considered estimated in samples SEEP-11 and SEEP-11 DUP. The data user should note that the result for methylene chloride in sample SEEP-11 should be considered false-positive due to method blank contamination (see Section D.7.1 for discussion).

The surface water sample MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria in sample SW-9 with the exception of the following: chloromethane (29 percent), vinyl chloride (51 percent), bromomethane (37 percent), chloroethane (41 percent), 1,1-dichloroethene (50 percent), carbon disulfide (53 percent), methylene chloride (53 percent), acetone (200 percent), *trans*-1,2-dichloroethene (55 percent), *cis*-1,2-dichloroethene (56 percent), total 1,2-dichloroethene

(55 percent), 1,1-dichloroethane (48 percent), chloroform (55 percent), carbon tetrachloride (52 percent), 1,1,1-trichloroethane (52 percent), 2-butanone (78 percent), benzene (49 percent), 1,2-dichloroethane (51 percent), trichloroethene (49 percent), 1,2-dichloropropane (53 percent), bromodichloromethane (54 percent), *cis*-1,3-dichloropropene (50 percent), toluene (53 percent), 4-methyl-2-pentanone (60 percent), tetrachloroethene (52 percent), *trans*-1,3-dichloropropene (54 percent), 1,1,2-trichloroethane (64 percent), dibromochloromethane (54 percent), 2-hexanone (60 percent), chlorobenzene (52 percent), ethylbenzene (55 percent), m+p-xylenes (57 percent), o-xylenes (57 percent), total xylenes (57 percent), styrene (58 percent), bromoform (54 percent), 1,1,2,2-tetrachloroethane (46 percent), 1,3-dichlorobenzene (52 percent), 1,4-dichlorobenzene (48 percent), and 1,2-dichlorobenzene (52 percent). The non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, acetone, *trans*-1,2-dichloroethene, *cis*-1,2-dichloroethene, total 1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, 4-methyl-2-pentanone, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, bromoform, styrene, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and 1,2-dichlorobenzene are considered estimated in sample SW-09. The data user should note that the result for ethylbenzene, m+p-xylene, o-xylene, toluene, and total xylenes in sample SW-09 should be considered false-positive due to method blank contamination (see Section D.7.1 for discussion).

The surface water sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria in sample SW-13 with the exception of the following: chloromethane (44 percent), bromomethane (61 percent), chloroethane (38 percent), 1,1-dichloroethene (28 percent), carbon disulfide (32 percent), methylene chloride (30 percent), acetone (44 percent), *trans*-1,2-dichloroethene (28 percent), 1,1-dichloroethane (31 percent), *cis*-1,2-dichloroethene (36 percent), chloroform (36 percent), carbon tetrachloride (23 percent), 1,1,1-trichloroethane (27 percent), 2-butanone (21 percent), benzene (28 percent), 1,2-dichloroethane (30 percent), trichloroethene (77 percent), 1,2-dichloropropane (32 percent), bromodichloromethane (36 percent), *cis*-1,3-dichloropropene (37 percent), toluene (26 percent), tetrachloroethene (25 percent), *trans*-1,3-dichloropropene (40 percent), 1,1,2-trichloroethane (32 percent), dibromochloromethane (36 percent), chlorobenzene (28 percent), ethylbenzene (25 percent), o-xylene (26 percent), styrene (34 percent), bromoform (35 percent), 1,1,2,2-tetrachloroethane (52 percent), 1,3-dichlorobenzene (37 percent), 1,4-dichlorobenzene (33 percent), 1,2-dichlorobenzene (43 percent), total 1,2-dichloroethene (32 percent), and total xylenes (21 percent). The non-detect results for chloromethane, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, *cis*-1,2-dichloroethene, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, benzene, 1,2-dichloroethane, trichloroethene, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, tetrachloroethene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, chlorobenzene, ethylbenzene, o-xylene, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, total 1,2-dichloroethene, and total xylenes should be considered estimated in sample SW-13.

The aqueous diffusion sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria with the exception of the following: chloromethane (50 percent), vinyl chloride (44 percent), bromomethane (42 percent), chloroethane (35 percent), 1,1-dichloroethene (43 percent), carbon disulfide (43 percent), methylene chloride (34 percent), acetone (70 percent), *trans*-1,2-dichloroethene (40 percent), *cis*-1,2-dichloroethene (32 percent), total 1,2-dichloroethene (35 percent), 1,1-dichloroethane (38 percent), chloroform (41 percent), carbon tetrachloride (43 percent), 1,1,1-trichloroethane (42 percent), 2-butanone (53 percent), benzene (40 percent), 1,2-dichloroethane (32 percent), trichloroethene (32 percent), 1,2-dichloropropane (41 percent), bromodichloromethane (36 percent), *cis*-1,3-dichloropropene (36 percent), toluene (44 percent), tetrachloroethene (51 percent), *trans*-1,3-dichloropropene (31 percent), 1,1,2-trichloroethane (29 percent), dibromochloromethane (40 percent), 2-hexanone (25 percent), chlorobenzene (45 percent), ethylbenzene (44 percent), m+p-xylenes (50 percent), o-xylene (49 percent), total xylenes (50 percent), styrene (44 percent), bromoform (34 percent), 1,1,2,2-tetrachloroethane (24 percent), 1,3-dichlorobenzene (40 percent), 1,4-dichlorobenzene (40 percent), and 1,2-dichlorobenzene (40 percent) in sample MW-225A (shallow); and chloromethane (21 percent), *cis*-1,2-dichloroethene (22 percent), and *cis*-1,3-dichloropropene (22 percent) in sample MW-308 (shallow). The positive results for total 1,2-dichloroethene, benzene, *cis*-1,2-dichloroethene, tetrachloroethene, and trichloroethene, and the non-detect results for chloromethane, vinyl chloride, bromomethane, chloroethane, 1,1-dichloroethene, carbon disulfide, methylene chloride, acetone, *trans*-1,2-dichloroethene, 1,1-dichloroethane, chloroform, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, 1,2-dichloroethane, 1,2-dichloropropane, bromodichloromethane, *cis*-1,3-dichloropropene, toluene, *trans*-1,3-dichloropropene, 1,1,2-trichloroethane, dibromochloromethane, 2-hexanone, chlorobenzene, ethylbenzene, m+p-xylenes, o-xylene, total xylenes, styrene, bromoform, 1,1,2,2-tetrachloroethane, 1,3-dichlorobenzene, 1,4-dichlorobenzene, and 1,2-dichlorobenzene should be considered estimated in sample MW-225A (shallow). The non-detect results for chloromethane, *cis*-1,2-dichloroethene, and *cis*-1,3-dichloropropene are considered estimated in sample MW-308 (shallow).

D.3.2 Target Analyte List Metals

The aqueous laboratory duplicate precision measurements were within the laboratory control limits, therefore, the aqueous metals data are considered usable based on the review of analytical precision. All 23 analytes were used to quantify the laboratory duplicate RPDs. There were no control limits identified in the QAPP for aqueous duplicate RPDs for Target Analyte List metals, therefore, the laboratory control limits were used. The laboratory replicated the analyses of samples SEEP-9, SW-09, MW-203, SED-11, LT-09, and LT-01.

The sediment laboratory duplicate precision measurements (from Eastern Plume) were within the laboratory control limits with the exception of iron (30 percent) and manganese (26.7 percent). The results for iron and manganese in two sediment samples (SED-11 and SED-11 DUP) should be considered estimated.

The monitoring well laboratory duplicate precision measurements (from Sites 1 and 3) were within the laboratory control limits, therefore, the analytical precision was determined to be acceptable and the monitoring well metals data are usable as reported.

The surface water laboratory duplicate precision measurements (from Sites 1 and 3) were within the laboratory control limits, therefore, the analytical precision was determined to be acceptable and the surface water metals data are usable as reported.

The leachate seep laboratory duplicate precision measurements (from Sites 1 and 3) were within the laboratory control limits, therefore, the analytical precision was determined to be acceptable and the leachate seep metals data are usable as reported.

The leachate seep sediment laboratory duplicate precision measurements (from Sites 1 and 3) were within the laboratory control limits, therefore, the analytical precision was determined to be acceptable and the leachate seep sediment metals data are usable as reported.

The sediment laboratory duplicate precision measurements (from Sites 1 and 3) were within the laboratory control limits, therefore, the analytical precision was determined to be acceptable and the sediment metals data are usable as reported.

D.3.3 Pesticides

All compounds were used to quantify the MS/MSD RPD. MS/MSD sets were performed on sample SED-9 from Sites 1 and 3 and SED-11 from Eastern Plume.

The sediment sample MS/MSD RPDs (from Eastern Plume) met acceptance criteria in sample SED-11 with the exception of gamma-chlordane (68 percent). The non-detect result for gamma-chlordane is considered estimated in samples SED-11 and SED-11 DUP.

The sediment sample MS/MSD RPDs (from Sites 1 and 3) met acceptance criteria in sample SED-9 with the exception of endrin ketone (72 percent). The positive result for endrin ketone is considered estimated in sample SED-9.

D.4 ACCURACY

D.4.1 Volatile Organic Compounds

The surface water, monitoring well, combined effluent, seep leachate, aqueous diffusion, and seep sediment results are usable as reported. Four SMCs were used to measure the ability of the laboratory to purge the target analytes from the environmental samples. The SMC control limits for the aqueous and sediment samples identified in the QAPP and reported by the laboratory were identical for all four SMCs.

The aqueous sample SMC recoveries were within the QAPP control limits; therefore, the analytical results are usable as reported.

The sediment SMC recoveries were within the QAPP control limits with the exception of p-bromofluorobenzene in LT-09 DUP (58 percent), LT-05 (14 percent), LT-04 (44 percent), LT-03 (1 percent), LT-01 (27 percent), reanalysis of LT-03 (2 percent), and reanalysis of LT-01 (0 percent); dibromofluoromethane in LT-05 (43 percent), LT-03 (6 percent), reanalysis of LT-04 (179 percent), reanalysis of LT-03 (0 percent), and reanalysis of LT-01 (398 percent); 1,2-dichloroethane-d4 in LT-05 (45 percent), LT-03 (11 percent), LT-01 (65 percent), reanalysis of LT-04 (208 percent), reanalysis of LT-03 (0 percent), and reanalysis of LT-01 (180 percent); and toluene-d8 in LT-05 (30 percent), LT-03 (0 percent), reanalysis of LT-03 (1 percent), and reanalysis of LT-01 (0 percent). The laboratory appropriately repeated the analysis for these samples mentioned above. The reanalysis results indicate similar results for the SMC. The original data for samples LT-01, LT-03, and LT-04 and the reanalysis data for samples LT-05 and LT-09 DUP should be considered the most usable and, therefore, the data are included in the summary tables.

Five VOCs were used to quantify the MS/MSD recoveries against QAPP control limits. The recovery limits identified in the QAPP were the same as those reported by the laboratory. The data reviewer used the QAPP limits to evaluate the data. The samples chosen for MS/MSD are identified in Section D.3.1.

The aqueous diffusion sample MS/MSD recoveries (from Eastern Plume) met acceptance criteria with the exception of the following: acetone (54 and 59 percent) and 2-butanone (170 percent) in sample MW-308 (shallow); acetone (50 percent) in sample MW-231A (mid); and chloromethane (39 percent), vinyl chloride (49 percent), acetone (20 and 42 percent), 2-butanone (158 percent), benzene (61 percent), tetrachloroethene (57 percent), bromoform (141 percent), 1,4-dichlorobenzene (40 percent), and 1,2-dichlorobenzene (40 percent) in sample MW-225A (shallow). The result for 2-butanone was not detected in sample MW-308 (shallow), therefore, the high MS/MSD recovery does not affect the sample result; the sample result for 2-butanone is usable as reported. The data user should note that the acetone result in sample MW-231A (mid) was qualified as false-positive due to method blank contamination (see Section D.7.1 for further discussion). The results for chloromethane, vinyl chloride, acetone, 2-butanone, benzene, tetrachloroethene, bromoform, 1,4-dichlorobenzene, and 1,2-dichlorobenzene in sample MW-225A (shallow) were previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for discussion). The data user should note that the positive acetone result in sample MW-308 (shallow) was qualified as false-positive due to rinsate blank contamination (see Section D.7.3 for further discussion).

The surface water MS/MSD recoveries (from Sites 1 and 3) met the acceptance criteria in sample SW-13 with the exception of the following: chloromethane (31 and 49 percent), vinyl chloride (47 and 56 percent), bromomethane (49 percent), 2-butanone (143 and 176 percent), and trichloroethene (61 percent). The non-detect result for vinyl chloride should be considered

estimated bias low in sample SW-13. The results for chloromethane, bromomethane, 2-butanone, and trichloroethene in sample SW-13 were previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for discussion).

The surface water MS/MSD recoveries (from Eastern Plume) met the acceptance criteria in sample SW-09 with the exception of the following: chloromethane (48 and 36 percent), vinyl chloride (41 percent), chloroethane (54 percent), carbon disulfide (55 percent), acetone (14 and 0 percent), *trans*-1,2-dichloroethene (58 percent), chloroform (143 percent), carbon tetrachloride (146 percent), 2-butanone (183 percent), 1,2-dichloroethane (184 percent), bromodichloromethane (162 percent), tetrachloroethene (59 percent), *trans*-1,3-dichloropropene (155 percent), dibromochloromethane (168 percent), 2-hexanone (58 percent), and bromoform (168 percent). The results for chloromethane, vinyl chloride, chloroethane, carbon disulfide, acetone, *trans*-1,2-dichloroethene, chloroform, carbon tetrachloride, 2-butanone, 1,2-dichloroethane, bromodichloromethane, tetrachloroethene, *trans*-1,3-dichloropropene, dibromochloromethane, 2-hexanone, and bromoform in sample SW-09 were previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for discussion).

The leachate seep MS/MSD recoveries (from Sites 1 and 3) met the acceptance criteria in sample SEEP-11 with the exception of the following: chloromethane (33 and 53 percent), vinyl chloride (44 and 59 percent), bromomethane (52 percent), chloroethane (57 percent), *trans*-1,2-dichloroethene (58 percent), 1,1,1-trichloroethane (55 percent), 2-butanone (179 percent), trichloroethene (49 percent), and toluene (63 percent). The results for chloromethane, vinyl chloride, bromomethane, chloroethane, *trans*-1,2-dichloroethene, 1,1,1-trichloroethane, 2-butanone, trichloroethene, and toluene in sample SEEP-11 were previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for discussion).

The leachate seep MS/MSD recoveries (from Eastern Plume) met the acceptance criteria in sample SEEP-9 with the exception of the following: chloromethane (44 percent), acetone (6 and 7 percent), carbon tetrachloride (153 percent), 2-butanone (171 percent), 1,2-dichloroethane (166 percent), *trans*-1,3-dichloropropene (153 percent), dibromochloromethane (150 percent), 2-hexanone (53 percent), and bromoform (161 percent). The result for acetone in sample SEEP-9 should be considered estimated bias low. The results for chloromethane, carbon tetrachloride, 2-butanone, 1,2-dichloroethane, *trans*-1,3-dichloropropene, dibromochloromethane, 2-hexanone, and bromoform in sample SEEP-9 were previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for discussion).

The monitoring well MS/MSD recoveries (from Sites 1 and 3) met acceptance criteria in sample MW-218 with the exception of acetone (53 and 57 percent), and in sample MW-203 with the exception of acetone (36 percent) and 2-butanone (151 percent). The result for acetone in sample MW-218 should be considered estimated bias low. The result for acetone in sample MW-203 was previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for

further discussion). The result 2-butanone was not detected in sample MW-203, therefore, the high MS/MSD recovery does not affect the sample result; the 2-butanone data are usable as reported in sample MW-203.

The monitoring well MS/MSD recoveries (from Eastern Plume) met acceptance criteria in sample MW-308 with the exception of the following: acetone (35 percent), 2-butanone (165 percent), 1,2-dichloroethane (141 percent), and 2-hexanone (54 percent). The results for acetone, 2-butanone, 1,2-dichloroethane, and 2-hexanone in sample MW-308 were previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.1 for further discussion).

The aqueous and sediment sample VOC data are usable as reported based on the review of LCS accuracy. Five VOCs are used to quantify LCS recoveries against laboratory established control limits. The aqueous and sediment LCS recovery limits are stated in the QAPP. The LCS recoveries are within both the QAPP and laboratory established control limits, confirming the laboratory's purging efficiency for both aqueous and solid matrices with the following exceptions: 2-butanone (157 and 180 percent) and trichloroethene (78 percent) in the monitoring well samples for Eastern Plume; carbon tetrachloride (65, 140, and 140 percent), *cis*-1,3-dichloropropene (66 percent), *trans*-1,3-dichloropropene (71 percent), 2-butanone (186, 157, 170, 164, and 155 percent), carbon disulfide (141 percent), m+p-xylenes (123 percent), and bromoform (142 percent) in the diffusion samples for Eastern Plume; 2-butanone (186 and 157 percent) in the monitoring well samples for Sites 1 and 3; carbon tetrachloride (140 percent) in the leachate seep samples for Sites 1 and 3; carbon tetrachloride (140 percent) in the surface water samples for Sites 1 and 3; and 1,1,2,2-tetrachloroethane (75 percent) and bromomethane (135 and 138 percent) in the leachate seep sediment samples for Sites 1 and 3.

The results for carbon disulfide, m+p-xylenes, and bromoform were not detected in the diffusion samples for Eastern Plume, therefore, the data are usable as reported based on LCS accuracy criteria. The non-detected results for carbon tetrachloride, *cis*-1,3-dichloropropene, and *trans*-1,3-dichloropropene in 6 samples (MW-306 [shallow], MW-1104 [shallow], MW-1104 [mid], MW-1104 [deep], MW-NASB-212 [shallow], and MW-303 [shallow]) should be considered estimated bias low. The data user should note that the result for 2-butanone in sample MW-305 (shallow) should be considered false-positive due to rinsate blank contamination (see Section D.7.3 for further discussion). The results for 2-butanone were not detected in the monitoring well samples for Eastern Plume, therefore, the data are usable as reported based on LCS accuracy criteria. The non-detect result for trichloroethene in sample P-111 should be considered estimated bias low. The results for 2-butanone were not detected in the monitoring well samples for Sites 1 and 3, therefore, the data are usable as reported based on LCS accuracy criteria. The results for carbon tetrachloride were not detected in the leachate seep samples for Sites 1 and 3, therefore, the data are usable as reported based on LCS accuracy criteria. The results for carbon tetrachloride were not detected in the surface water samples for Sites 1 and 3, therefore, the data are usable as reported based on LCS accuracy criteria. The non-detect results for 1,1,2,2-tetrachloroethane in 5 samples (LT-03, LT-01, LT-05, LT-04, and LT-09 DUP) should be considered estimated bias low. The positive result for bromomethane in sample LT-03 should be considered estimated bias high.

D.4.2 Target Analyte List Metals

All metals are usable as reported based on accuracy criteria. Nineteen Target Analyte List analytes were used to quantify MS/MSD recoveries for aqueous and sediment samples. Calcium, magnesium, potassium, and sodium were not required as spiking compounds due to the potential for these compounds to be present in the environmental samples at high concentrations. The MS samples were analyzed at the correct frequency, and the accuracy control limits used to evaluate the data were taken from the QAPP.

The laboratory performed an MS/MSD on those samples identified in Section D.3.2. The aqueous MS/MSD recoveries were within the established control limits of 75-125 percent, with the exception of arsenic (34.8 and 51.1 percent), magnesium (74.2, 233.6, and 281.4 percent), mercury (59.4, 53.3, 53.3, and 62.6 percent), antimony (73.3, 51.9, 46.6, and 68.4 percent), calcium (168.1, 317.4, and 351.5 percent), zinc (145.7 and 133.0 percent), and potassium (137.3 percent). The positive and non-detect results for arsenic, magnesium, and mercury in samples SEEP-1, SEEP-3, SEEP-4, SEEP-9, SEEP-5, SEEP-9 DUP, SW-09, SW-08, SW-16, and SW-15 should be considered estimated bias low. The positive and non-detect results for antimony and mercury in samples LT-09, LT-01, LT-09 DUP, SED-9, SED-16, SED-15, SED-5, SED-4, and SED-3 should be considered estimated bias low. The positive results for calcium in samples LT-09, LT-01, LT-09 DUP, SED-9, SED-16, SED-15, SED-5, SED-4, and SED-3 should be considered estimated bias high. The non-detect results for antimony in samples SED-11 and SED-11 DUP are considered estimated bias low. The positive results for calcium, magnesium, zinc, and potassium in samples SED-11 and SED-11 DUP are considered estimated bias high.

All 23 Target Analyte List analytes were used to quantify the LCS recoveries against laboratory established control limits. LCS recovery limits were stated in the QAPP. The aqueous and sediment LCS recoveries for Sites 1 and 3 and Eastern Plume samples were within laboratory established control limits, confirming the laboratory's ability to perform sample digestion/ distillation. The aqueous and sediment results should be considered usable based on the review of the LCS accuracy.

D.4.3 Pesticides

Two SMCs were used to measure the ability of the laboratory to extract the target compounds from the environmental samples. The control limits identified in the QAPP and reported by the laboratory were the same for the two SMCs. The sediment and leachate sediment sample SMC recoveries were within the established control limits, therefore, the results are usable as reported based on the review of the SMC accuracy.

Twenty-three pesticides were used to quantify the MS/MSD recoveries against QAPP control limits. The recovery limits identified in the QAPP were the same as those reported by the laboratory. The data reviewer used the QAPP limits to evaluate the data. The samples chosen for MS/MSD are identified in Section D.3.3.

The sediment sample MS/MSD recoveries (from Eastern Plume) met acceptance criteria in sample SED-11 with the exception of the following: gamma BHC (57 and 55 percent), heptachlor (48 and 46 percent), beta-BHC (69 percent), aldrin (60 and 58 percent), heptachlor epoxide (58 and 58 percent), endosulfan I (54 and 50 percent), 4,4'-DDE (45 and 45 percent), dieldrin (60 and 59 percent), endrin (62 and 56 percent), endosulfan sulfate (44 percent), methoxychlor (1 and 2 percent), alpha-chlordane (60 and 56 percent), gamma-chlordane (251 and 123 percent), and endrin ketone (41 and 40 percent). The positive and non-detect results for gamma BHC, heptachlor, beta-BHC, aldrin, heptachlor epoxide, endosulfan I, 4,4'-DDE, dieldrin, endrin, endosulfan sulfate, methoxychlor, alpha-chlordane, and endrin ketone in sample SED-11 should be considered estimated bias low. The non-detect result for gamma-chlordane in sample SED-11 was previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.3 for further discussion).

The leachate sediment sample MS/MSD recoveries (from Sites 1 and 3) met acceptance criteria in sample SED-9 with the exception of the following: alpha-BHC (104 percent), heptachlor (141 percent), beta-BHC (64 percent), 4,4'-DDE (65 percent), 4,4'-DDT (21 and 44 percent), methoxychlor (270 and 191 percent), gamma-chlordane (106 percent), and endrin ketone (222 percent). The positive and non-detect results for beta-BHC, 4,4'-DDE, and 4,4'-DDT in sample SED-9 should be considered estimated bias low. The results for alpha-BHC, heptachlor, methoxychlor, and gamma-chlordane were not detected in sediment sample SED-9 for Sites 1 and 3, therefore, the data are usable as reported based on MS/MSD accuracy criteria. The positive result for endrin ketone in sample SED-9 was previously qualified as estimated due to MS/MSD RPD criteria (see Section D.3.3 for further discussion).

All of the pesticide compounds were used to quantify the LCS recoveries against laboratory established control limits. There were no LCS recovery limits identified in the QAPP. The sediment LCS recoveries were within laboratory established control limits with the exception of beta-BHC (107 percent), endosulfan I (98 percent), dieldrin (106 percent), and gamma-chlordane (103 percent). The results for beta-BHC, endosulfan I, dieldrin, and gamma-chlordane were not detected in the sediment samples for Sites 1 and 3, therefore, the data are usable as reported based on LCS accuracy criteria.

D.5 OTHER QUALITY CONTROL

D.5.1 Metals

The serial dilution determines whether significant physical or chemical interference exist due to sample matrix. If the analyte concentration is sufficiently high (concentration in the original sample is minimally a factor of 50 above the IDL), an analysis of a 5-fold dilution must agree within 10 percent difference (%D) of the original results. The analyte concentration for zinc in sample LT-09 was sufficiently high and the %D (15.1 percent) was greater than 10 percent. The results for zinc in samples LT-09, LT-09 DUP, SED-9 DUP, SED-9, SED-16, SED-15, LT-05, LT-04, LT-03, and LT-01 are considered estimate due to an exceedance of the serial dilution %D criteria.

D.6 COMPLETENESS

Field sampling completeness was quantified by comparing the number of samples analyzed to the number of samples scheduled for collection. At Sites 1 and 3, 30 of 30 samples were collected for a field completeness of 100 percent. At Eastern Plume, 97 of 97 samples were collected for a field completeness of 100 percent.

The field quality control blanks (e.g., trip blanks) were collected at the proper frequency. A total of 5 trip blanks were collected for Sites 1 and 3 and Eastern Plume. There were 5 rinsate blanks associated with Sites 1 and 3 and Eastern Plume. The rinsate blanks collected for Sites 1 and 3 and Eastern Plume included 2 rinsate blanks associated with the sediment samples and the leachate sediment samples, and 1 rinsate blank associated with the surface water/seep samples. There were 2 rinsate blanks collected for the aqueous diffusion samples. The 5 rinsate samples and 2 source water blanks for Sites 1 and 3 and Eastern Plume were submitted in compliance with the QAPP.

Analytical completeness was quantitated by reviewing the number of acceptable analytical results to the total number of analytical results. Usable analytical data for Sites 1 and 3 and Eastern Plume were available for all analytes/compounds, therefore, there is a total analytical completeness of 100 percent.

D.7 FIELD QUALITY CONTROL BLANKS

Monitoring well, surface water, seep, leachate seep sediment, and field blank samples contain results that are false-positive based on both field and method blank criteria. Field quality control blanks (rinsate blanks) were evaluated for contamination that may have been introduced during field sampling activities. Trip blanks are indicators for contamination of VOCs during sample storage and shipment. In cases where contamination exists, environmental samples should be reviewed for possible false-positives. The field quality control blanks collected for Sites 1 and 3 and Eastern Plume included 5 trip blanks, 5 rinsate blanks, and 2 source water blanks.

D.7.1 Laboratory Method Blanks

Method blanks were reviewed and the following VOCs were present in the method blanks: methylene chloride, m+p-xylenes, toluene, 1,3-dichlorobenzene, ethylbenzene, 1,4-dichlorobenzene, o-xylene, 1,2-dichlorobenzene, total xylenes, chloroform, carbon disulfide, 1,1,2-trichloroethane, acetone, and styrene.

The positive 1,4-dichlorobenzene results for 3 samples should be considered false-positive due to method blank contamination (SEEP-03, SEEP-04, and SEEP-09).

The positive 1,2-dichlorobenzene results for 4 samples should be considered false-positive due to method blank contamination (SEEP-04, SEEP-05, SEEP-09, and QT-01).

The positive total xylenes results for 5 sample should be considered false-positive due to method blank contamination (SW-09, SEEP-01, SEEP-03, SEEP-09, and QS-006).

The positive m+p-xylene results for 6 samples should be considered false-positive due to method blank contamination (SW-09, SEEP-01, SEEP-03, SEEP-04, SEEP-09, and QS-006).

The positive ethylbenzene result for sample SEEP-09 should be considered false-positive due to method blank contamination.

The positive acetone results for 13 samples should be considered false-positive due to method blank contamination (MW-105A [deep], MW-209 [deep], MW-230A [shallow], MW-230A [mid], MW-230A [deep], MW-231A [shallow], MW-231A [mid], MW-313 [mid], MW-318 [deep], MW-334 [shallow], MW-334 [mid], MW-334 [deep], and MW-334 [deep] DUP).

The positive methylene chloride results for 13 samples should be considered false-positive due to method blank contamination (MW-225A, MW-203, MW-203 DUP, MW-218, MW-230A [mid], MW-230A [deep], MW-334 [mid], MW-334 [deep], MW-334 [deep] DUP, SW-08, SEEP-11, QT-07, and QD-002).

The data user should note that the sample results associated with the following method blank contamination: toluene,1,3-dichlorobenzene, o-xylene, chloroform, carbon disulfide, 1,1,2-trichloroethane, and styrene are either non-detect or greater than 5 times the method blank result, therefore, the associated results are usable as reported.

D.7.2 Trip Blanks

Trip blanks associated with Sites 1 and 3 and Eastern Plume were analyzed for VOCs. There were 3 trip blanks (QT-01, QT-05, and QT-06) analyzed for the aqueous samples and 2 trip blanks (QT-07 and QT-08) analyzed for sediment samples. QT-01 contained 1,2-dichlorobenzene, however, 1,2-dichlorobenzene was qualified as false-positives due to method blank contamination (see Section D.6.1 for discussion). QT-05 and QT-06 were free of VOC contamination. The contamination in the 2 sediment trip blanks are shown in the following table:

Compounds	Units	QT-07	QT-08
Methylene chloride	µg/Kg	6B	(<250U)
Toluene	µg/Kg	(<5U)	19J
Ethylbenzene	µg/Kg	(<5U)	10J

NOTE: B = Compound detected in associated method blank.
U = Not detected. Sample quantitation limits are shown as (<___U).
J = Estimated concentration.

The data user should note that the result for methylene chloride in trip blank sample QT-07 was qualified as false-positives due to method blank contamination (see Section D.6.1 for discussion).

The data user should note that QT-07 was preserved with sodium bisulfate and QT-08 was preserved with methanol. The sediment samples associated with these trip blanks were preserved with both preservatives, however, only the sodium bisulfate preserved samples were analyzed. The sediment data results are usable as reported.

D.7.3 Rinsate Blanks

The equipment rinsate blanks associated with sediment and surface water samples collected at Sites 1 and 3 and Eastern Plume were analyzed for VOCs, pesticides, and Target Analyte List metals. The positive results of the 3 rinsate blanks (QS-006 [dedicated jar rinsate], QS-007 [equipment rinsates], and QS-008 [equipment rinsate – pesticides only]), and the associated source water blank (QD-002) associated with Sites 1 and 3 samples, are shown in the table below:

Compounds/Analytes	Units	QS-006	QS-007	QS-008	QD-002
Methylene chloride	µg/L	(<2U)	(<5U)	NA	1JB
Acetone	µg/L	(<5U)	14J	NA	(<5U)
Toluene	µg/L	0.5J	(<5U)	NA	(<1U)
Ethylbenzene	µg/L	0.4J	(<5U)	NA	(<1U)
M+p-xylenes	µg/L	1.0JB	(<10U)	NA	(<2U)
O-xylene	µg/L	0.3J	(<5U)	NA	(<1U)
Total xylenes	µg/L	1JB	(<15U)	NA	(<3U)
Aluminum	µg/L	27.5B*	(<25.37U)	NA	(<25.37U)
Beryllium	µg/L	0.56B*	(<0.37U)	NA	(<0.37U)
Calcium	µg/L	20.8B*	(<20.55U)	NA	(<20.55U)
Chromium	µg/L	6.2B*	0.68B*	NA	(<0.55U)
Iron	µg/L	47.3B*	10.4B*	NA	(<4.23U)
Manganese	µg/L	3.4B*	(<0.39U)	NA	(<0.14U)
Mercury	µg/L	0.04B*	0.15B*	NA	0.09B*
Potassium	µg/L	625B*	(<482.0U)	NA	(<482U)
Sodium	µg/L	129B*	136B*	NA	42.6B*
Thallium	µg/L	0.12B*	0.44B*	NA	0.32B*
Zinc	µg/L	(<1.55U)	3.8B*	NA	(<1.55U)

NOTE:
U = Not detected. Sample quantitation limits are shown as (<___U).
NA = Sample was analyzed for pesticides, only.
J = Estimated concentration below detection limit.
B = Compound detected in associated method blank
B* = Analyte concentration is between the IDL and the CRDL.

The analytical results of the equipment rinsate blanks and the source water blank indicate that there was no contamination introduced during the field sampling activities for pesticides and total organic carbon. The source water blank (QD-002) and the rinsate blanks (QS-006, QS-007, and QS-008) were reported free of pesticide, total organic carbon, and VOC contamination, with the exception of methylene chloride, acetone, toluene, ethylbenzene, m+p-xylenes, o-xylene, and total xylenes. The positive methylene chloride result in sample QD-002 and m+p-xylenes and total xylenes results in sample QS-006 are considered false-positives due to method blank contamination (see Section D.6.1 for discussion). The rinsate blanks were performed on the dedicated sampling equipment (sample jars and EnCore™ sampler) to show that the sampling

equipment was free of contamination. The results for toluene, ethylbenzene, and o-xylene in 4 samples (SEEP-01, SEEP-03, SEEP-04, and SEEP-05) are considered false-positive due to rinsate blank contamination. The data user should note that the results for acetone in samples LT-01, LT-03, LT-04, LT-05, LT-09, and LT-09 DUP are greater than 5 times the trip blank result, therefore, the results in the above-mentioned samples are usable as reported. The minor inorganic contamination detected in the rinsate blanks is attributed to the contamination detected in the rinse water (source blank water) and, therefore, the inorganic sample results are unaffected.

The results of the diffusion rinsate blanks (QS-003 and QS-004) and associated source water blank (QD-001) (collected during the Site 9 sampling program) associated with the diffusion samples taken at Eastern Plume are shown in the table below:

Compound	Units	QD-001	QS-003	QS-004
Acetone	µg/L	2.9J	9J	7.3J
2-Butanone	µg/L	(<10U)	7J	7.1J

NOTE: J = Estimated concentration below detection limit.
U = Not detected. Sample quantitation limits are shown as (<__U).

The analytical results of the field blanks and source water blank indicate that there was minor VOC contamination present. The positive acetone results for 16 samples should be considered false-positive due to rinsate blank contamination (MW-1104 [deep], MW-1104 [mid], MW-303 [shallow], MW-303 [mid], MW-303 [deep], MW-305 [mid], MW-305 [deep], MW-308 [shallow], MW-308 [mid] DUP, MW-309B [shallow], MW-309B [mid], MW-309B [deep], MW-NASB-212 [shallow], P-132 [shallow], P-132 [mid], and P-132 [deep]).

The positive 2-butanone results for 5 samples should be considered false-positive due to rinsate blank contamination (MW-230A [mid], MW-231A [mid], MW-305 [shallow], MW-318 [deep], and MW-334 [shallow]).

D.8 DUPLICATE FIELD SAMPLES

Results for some analytes and compounds in the field duplicates for monitoring well, sediment, aqueous diffusion, aqueous seep, and leachate sediment samples are estimated due to field duplicate criteria. Field duplicate samples are used to evaluate the overall precision for both the field and laboratory, and the homogeneity of the sample matrix. Typically, these results have more variability than laboratory precision measurements with the extremes being noted in soil matrices. Based on EPA Region 1 criteria for evaluating field duplicates, the following guidelines were used to review the field duplicates taken during the sampling event. The overall precision of organic compounds was evaluated as the RPD (non-detects were defined as one-half the reporting limit) and considered acceptable at an RPD of less than 30 percent for water samples and 50 percent for soil samples. Overall precision for inorganic analytes was evaluated by reviewing the difference of the field duplicate for analytes with concentrations less than 5 times the reporting limit (the difference cannot be greater than ±2 times the reporting limit for water samples or cannot be greater than ±4 times reporting limit for soil samples), and by the

RPD (less than 30 percent for water samples and 50 percent for soil samples) for the analytes greater than 5 times the reporting limit. Non-detects were defined as one-half the reporting limit for difference measurements. The reporting limits used to evaluate the data are based on those presented in the QAPP.

The sample locations of the field duplicate samples were not identified to the laboratory. A total of 15 samples were duplicated for Sites 1 and 3 and Eastern Plume (collected during the groundwater, surface water, sediment, seep, aqueous diffusion, and leachate seep sediment sampling programs). One field duplicate was inadvertently missed during the aqueous diffusion sample program. There was no field duplicate taken for the groundwater extraction and treatment system sampling program (treatment plant and extraction well sampling) and no field duplicate taken for surface water sampling program for Sites 1 and 3. The remaining SDGs had the appropriate number of duplicate field samples collected. The RPD results from the 4 field duplicate groundwater samples, 1 field duplicate surface water sample, 2 field duplicate leachate seep samples, 1 field duplicate leachate sediment sample, 2 field duplicate sediment samples, and 5 field duplicate aqueous diffusion samples are shown in the tables below.

The field duplicate sample results associated with SDG EPSW13 (SW-13 and SW-13 DUP) had no VOCs detected and, therefore, met all precision requirements. The analytical results for surface water samples (SW-13 and SW-13 DUP) sampled at Eastern Plume are usable as reported based on review of the field duplicate precision.

The following table shows the monitoring well field duplicate sample results at Sites 1 and 3 associated with SDG S1MW2101:

Compounds/Analytes	Units	MW-203	MW-203 DUP	RPD%	Difference
Methylene chloride	µg/L	0.6JB	0.6JB	0	---
1,1-Dichloroethane	µg/L	0.2J	0.2J	0	---
cis-1,2-dichloroethene	µg/L	(<1U)	0.5J	0	---
Barium	µg/L	28.0	28.1	0.4	NR
Beryllium	µg/L	0.45B*	0.56B*	NA	0.11
Calcium	µg/L	73,100	74,300	1.6	NR
Chromium	µg/L	6.1B*	10.8B*	NA	4.7
Iron	µg/L	33.8B*	67.5B*	NA	33.7
Lead	µg/L	2.2B*	1.4B*	NA	0.8
Magnesium	µg/L	21,400	21,000	1.9	NR
Manganese	µg/L	3.5B*	6.2	NA	2.7
Mercury	µg/L	(<0.01U)	0.15B*	NA	0.145
Nickel	µg/L	3.9B*	7.4B*	NA	3.5
Potassium	µg/L	3,970	3,570	NA	400
Sodium	µg/L	22,000	20,900	5.1	NR
Thallium	µg/L	0.12B*	0.20B*	NA	0.08
Zinc	µg/L	(<1.55U)	1.7B*	NA	0.925

NOTE:
- J = Estimated concentration below detection limit.
- B = Compound detected in associated method blank.
- U = Not detected. Sample quantitation limits are shown as (<__U).
- NR = Not required; analyte concentration was greater than 5 times the reporting limit and, therefore, the RPD was applied.
- B* = Analyte concentration is between the IDL and the CRDL.
- NA = Not applicable; analyte concentration was less than 5 times the reporting limit.

Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses; the results are usable as reported.

The following table shows the aqueous seep sample field duplicate results at Sites 1 and 3 associated with SDG S1LT9:

Compounds/Analytes	Units	SEEP-09	SEEP-09 DUP	RPD%	Difference
Chloroethane	µg/L	(<2U)	1J	0	---
1,1-dichloroethane	µg/L	0.9J	1	10.5	---
Ethylbenzene	µg/L	0.1BJ	(<1U)	**133**	---
M+p-xylenes	µg/L	0.5BJ	(<2U)	**66.7**	---
1,4-dichlorobenzene	µg/L	2B	1	**66.7**	---
1,2-dichlorobenzene	µg/L	2B	2	0	---
Total xylenes	µg/L	0.5BJ	(<3U)	**100**	---
Aluminum	µg/L	12,000	18,300	**41.6**	NR
Arsenic	µg/L	741	1,110	**39.9**	NR
Barium	µg/L	224	431	**63.2**	NR
Beryllium	µg/L	(<1.85U)	2.5B*	NA	1.57
Calcium	µg/L	39,200	53,300	**30.5**	NR
Cobalt	µg/L	114B*	188B*	NA	74
Copper	µg/L	27.1B*	(<33.70U)	NA	10.25
Iron	µg/L	1,060,000	1,630,000	**42.4**	NR
Lead	µg/L	35.9	56.6	NA	**20.7**
Magnesium	µg/L	8,240	10,900	27.8	NR
Manganese	µg/L	4,270	7,700	**57.3**	NR
Mercury	µg/L	0.13B*	0.16B*	NA	0.03
Potassium	µg/L	10,700	11,400	6	NR
Selenium	µg/L	17.4B*	37.3B*	NA	19.9
Sodium	µg/L	16,700	17,400	2.1	NR
Thallium	µg/L	1.9B*	3.2B*	NA	1.3
Vanadium	µg/L	56.8	45.3	NA	11.5
Zinc	µg/L	160	254	NA	94

NOTE:
U = Not detected. Sample quantitation limits are shown as (<__U).
J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.
NR = Not required; analyte concentration was greater than 5 times the reporting limit and, therefore, the RPD was applied.
B* = Analyte concentration is between the IDL and the CRDL.
NA = Not applicable; analyte concentration was less than 5 times the reporting limit.
Dashes (---) indicate this column does not apply to organic analysis.
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of ethylbenzene, m+p-xylenes, 1,4-dichlorobenzene, total xylenes, aluminum, arsenic, barium, calcium, iron, lead, and manganese. The results for barium, calcium, iron, lead, and manganese should be considered estimated in SEEP-9 and SEEP-9 DUP. The data user should note that the result for ethylbenzene, m+p-xylenes, 1,4-dichlorobenzene, 1,2-dichlorobenzene, and total xylenes in sample SEEP-9 were previously qualified as false-positive based on method blank contamination (see Section D.6.1 for discussion). The data user should note that the result for arsenic in samples SEEP-9 and SEEP-9 DUP were previously qualified as estimated bias low based on MS/MSD accuracy criteria (see Section D.4.2 for further discussion).

The following table shows the aqueous seep sample field duplicate results at Eastern Plume associated with SDG EPSW13:

Compounds/Analytes	Units	SEEP-11	SEEP-11 DUP	RPD%
1,1-dichloroethene	µg/L	0.9J	0.8J	11.8
Methylene chloride	µg/L	0.5JB	(<2U)	**66.7**
cis-1,2-dichloroethene	µg/L	6	6	0
1,1,1-trichloroethane	µg/L	11	12	8.7
Trichloroethene	µg/L	10	9	10.5
Tetrachloroethene	µg/L	4	4	0
Total 1,2-dichloroethene	µg/L	6	6	0

NOTE: J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.
U = Not detected. Sample quantitation limits are shown as (<__U).
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of methylene chloride. The data user should note that the result for methylene chloride in sample SEEP-11 was previously qualified as false-positive based on method blank contamination (see Section D.6.1 for discussion).

The following table shows the leachate sediment sample field duplicate results at Sites 1 and 3 associated with SDG S1SWSD9:

Compounds/Analytes	Units	LT-09	LT-09 DUP	RPD%	Difference
Carbon disulfide	µg/kg	160	54	**99.1**	---
Acetone	µg/kg	930	390	**81.8**	---
2-Butanone	µg/kg	120J	(<110U)	**74.3**	---
1,4-Dichlorobenzene	µg/kg	130	100	26.1	---
1,2-Dichlorobenzene	µg/kg	200	150	28.6	---
Aluminum	mg/kg	8,150	3,880	**71.0**	NR
Arsenic	mg/kg	310	225	31.8	NR
Barium	mg/kg	66.8	60.1	10.6	NR
Beryllium	mg/kg	0.88B*	0.56B*	NA	0.32
Calcium	mg/kg	4,360	4,040	7.6	NR
Chromium	mg/kg	16.4B*	8.6B*	NA	7.8
Cobalt	mg/kg	79.0	55.1B*	NA	23.9
Copper	mg/kg	8.1B*	4.5B*	NA	3.6
Iron	mg/kg	409,000	344,000	17.3	NR
Lead	mg/kg	25.4	15.4	NA	10
Magnesium	mg/kg	2,190	1,220	**56.9**	NR
Manganese	mg/kg	1,040	726	35.6	NR
Mercury	mg/kg	0.11B*	0.11B*	NA	0
Nickel	mg/kg	20.7B*	14.2B*	NA	6.5
Potassium	mg/kg	1,250	754	NA	496
Selenium	mg/kg	6.8B*	6.2B*	NA	0.6
Sodium	mg/kg	230B*	181B*	NA	49
Thallium	mg/kg	0.41B*	0.62B*	NA	0.21
Vanadium	mg/kg	23.2B*	11.5B*	NA	11.7
Zinc	mg/kg	74.1	53.3	NA	20.8

NOTE: J = Estimated concentration below detection limit.
U = Not detected. Sample quantitation limits are shown as (<__U).
NR = Not required; analyte concentration was greater than 5 times the CRDL and, therefore, the RPD was applied.
B* = Analyte concentration is between the IDL and the CRDL.
NA = Not applicable; analyte concentration was less than 5 times the CRDL.
Results in bold indicate an exceedance of the precision requirements.
Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses with the exception of carbon disulfide, acetone, 2-butanone, aluminum, and magnesium. The positive results for carbon disulfide, acetone, 2-butanone, aluminum, and magnesium should be considered estimated in samples LT-09 and LT-09 DUP.

The following table shows the sediment sample field duplicate results at Sites 1 and 3 associated with SDG S1SWSD9:

Compounds/Analytes	Units	SED-9	SED-9 DUP	RPD%	Difference
4,4'-DDE	µg/kg	2.8J	3.8J	30.3	---
4,4'-DDD	µg/kg	8.9	8.6	3.4	---
4.4'-DDT	µg/kg	5.4	2.6J	**70**	---
Alpha-chlordane	µg/kg	1.4J	(<2.9U)	3.5	---
Endrin ketone	µg/kg	1.7J	1.6J	6.1	---
TOC	µg/g	27,000	5,700	**130.3**	NR
Aluminum	mg/kg	5,400	4,460	19.1	NR
Arsenic	mg/kg	7.5	6.9	NA	0.6
Barium	mg/kg	47.1	30.8	41.8	NR
Beryllium	mg/kg	0.42B*	0.38B*	NA	0.04
Cadmium	mg/kg	0.46B*	(<0.36U)	NA	0.28
Calcium	mg/kg	1,250	920	30.4	NR
Chromium	mg/kg	11.1	8.5	NA	2.6
Cobalt	mg/kg	6.4	5.1	NA	1.3
Copper	mg/kg	6.6	7.2	NA	0.6
Iron	mg/kg	18,600	15,000	21.4	NR
Lead	mg/kg	10.8	8.6	NA	2.2
Magnesium	mg/kg	2,010	1,690	17.3	NR
Manganese	mg/kg	834	271	**101.9**	NR
Mercury	mg/kg	0.03B*	0.03B*	NA	0
Nickel	mg/kg	11.0	9.2	NA	1.8
Potassium	mg/kg	847	664	NA	183
Selenium	mg/kg	0.45B*	0.42B*	NA	0.03
Sodium	mg/kg	74.9B*	56.0B*	NA	18.9
Thallium	mg/kg	0.14B*	0.12B*	NA	0.02
Vanadium	mg/kg	15.6	12.2	NA	3.4
Zinc	mg/kg	48.2	56.4	NA	8.2

NOTE: J = Estimated concentration below detection limit.
U = Not detected. Sample quantitation limits are shown as (<__U).
NR = Not required; analyte concentration was greater than 5 times the CRDL and, therefore, the RPD was applied.
NA = Not applicable; analyte concentration was less than 5 times the CRDL.
B* = Analyte concentration is between the IDL and the CRDL.
Results in bold indicate an exceedance of the precision requirements.
Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses with the exception of 4,4'-DDT, total organic carbon, and manganese. The positive results for 4,4'-DDT, total organic carbon, and manganese should be considered estimated in both SED-9 and SED-9 DUP.

The following table shows the sediment sample field duplicate results at Eastern Plume associated with SDG EPSWSD11:

Compounds/Analytes	Units	SED-11	SED-11 DUP	RPD%	Difference
Alpha-BHC	µg/kg	(<3.6U)	4.4	**83.9**	---
4,4'-DDE	µg/kg	7.5	14	**60.5**	---
4,4'-DDD	µg/kg	4.0J	30	**153**	---
4.4'-DDT	µg/kg	12	12	0	---
Endosulfan sulfate	µg/kg	1.9J	(<8.3U)	**74.4**	---
Methoxychlor	µg/kg	5.4J	(<43U)	**119.0**	---
TOC	µg/g	4,540	2,920	43.4	NR
Aluminum	mg/kg	5.1	2.5	NA	2.6
Arsenic	mg/kg	31.2	21.2	38.2	NR
Barium	mg/kg	0.38B*	0.23B*	NA	0.15
Beryllium	mg/kg	616	519	17.1	NR
Calcium	mg/kg	9.3	5.8	NA	3.5
Chromium	mg/kg	6.2	3.0B*	NA	3.2
Cobalt	mg/kg	5.2	4.7B*	NA	0.5
Copper	mg/kg	15,700	5,260	**99.6**	NR
Iron	mg/kg	13.6	15.5	NA	1.9
Lead	mg/kg	1,430	845	**51.4**	NR
Magnesium	mg/kg	916	94.4	**162.6**	NR
Manganese	mg/kg	0.02B*	0.07B*	NA	0.05
Mercury	mg/kg	8.9	7.0B*	NA	1.9
Nickel	mg/kg	440	378	NA	62
Potassium	mg/kg	0.56	(<0.54U)	NA	0.29
Selenium	mg/kg	59.4B*	40.1B*	NA	19.3
Sodium	mg/kg	0.09B*	0.15B*	NA	0.06
Thallium	mg/kg	13.3	9.5	NA	3.8
Vanadium	mg/kg	35.9	23.0	NA	12.9
Zinc	mg/kg	48,000	54,000	11.8	NR

NOTE: U = Not detected. Sample quantitation limits are shown as (<__U).
J = Estimated concentration below detection limit.
NR = Not required; analyte concentration was greater than 5 times the CRDL and, therefore, the RPD was applied.
NA = Not applicable; analyte concentration was less than 5 times the CRDL.
B* = Analyte concentration is between the IDL and the CRDL.
Results in bold indicate an exceedance of the precision requirements.
Dashes (---) indicate this column does not apply to organic analysis.

All precision requirements were met for the field duplicate analyses with the exception of alpha-BHC, 4,4'-DDE, 4,4'-DDD, endosulfan sulfate, methoxychlor, copper, lead, and magnesium. The positive results for alpha-BHC, 4,4'-DDD, copper, magnesium, and lead should be considered estimated in samples SED-11 and SED-11 DUP. The positive result for 4,4'-DDE should be considered estimated in SED-11 DUP. The data user should note that the results for 4,4'-DDE, endosulfan sulfate, and methoxychlor in sample SED-11 were previously qualified as estimated bias low based on MS/MSD accuracy criteria (see Section D.4.3 for further discussion).

The monitoring well field duplicate sample results associated with SDG EPMW1104 (MW-308 and MW-308 DUP) had no VOCs detected and, therefore, met all precision requirements. The analytical results for monitoring well samples (MW-308 and MW-308 DUP) sampled at Eastern Plume are usable as reported based on review of the field duplicate precision.

The following table shows the first set of monitoring well field duplicate sample results at Eastern Plume associated with the samples from SDG EPMW225A:

Compounds	Units	MW-225A	MW-225A DUP	RPD%
Methylene chloride	µg/L	0.7JB	(<2U)	**35.3**
cis-1,2-dichloroethene	µg/L	22	18	20
Benzene	µg/L	0.8J	(<1U)	**46.1**
Trichloroethene	µg/L	15	14	6.9
Tetrachloride	µg/L	5	4	22
Total 1,2-dichloroethene	µg/L	22	18	20

NOTE: B = Compound detected in associated method blank.
U = Not detected. Sample quantitation limits are shown as (<__U).
J = Estimated concentration below detection limit.
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of methylene chloride and benzene. The positive result for benzene in sample MW-225A should be considered estimated. The data user should note that the result for methylene chloride in sample MW-225A was previously qualified as false-positive based on method blank contamination (see Section D.6.1 for discussion).

The second set of monitoring well field duplicate sample results associated with SDG EPMW225A (MW-334 and MW-334 DUP) had no VOCs detected and, therefore, met all precision requirements. The analytical results for monitoring well samples (MW-334 and MW-334 DUP) sampled at Eastern Plume are usable as reported based on review of the field duplicate precision.

The following tables show the results of the aqueous diffusion field duplicate samples associated with the Eastern Plume.

The following table shows the field duplicate sample results associated with the samples from SDG EPDS306 (shallow):

Compounds	Units	MW-308 (mid)	MW-308 (mid) DUP	RPD%
Acetone	µg/L	47	34	**32.1**

NOTE: Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of acetone. The positive results for acetone in sample MW-308 (mid) should be considered estimated. The data user should note that the result for acetone in sample MW-308 (mid) DUP was previously qualified as false-positive based on rinsate blank contamination (see Section D.7.1 for further discussion).

The following table shows the first set of field duplicate sample results associated with the aqueous diffusion samples from SDG EPDS331 (mid):

Compounds	Units	MW-311 (deep)	MW-311 (deep) DUP	RPD%
1,1-Dichloroethene	µg/L	6	8	28.6
cis-1,2-dichloroethene	µg/L	2	2	0
Total 1,2-dichloroethene	µg/L	2	2	0
1,1-Dichloroethane	µg/L	3	3	0
1,1,1-Trichloroethane	µg/L	32	33	3.1
Trichloroethene	µg/L	14	16	13.3
Tetrachloroethene	µg/L	27	27	0

All precision requirements were met for the field duplicate analyses; the results are usable as reported.

The following table shows the second set of field duplicate sample results associated with the aqueous diffusion samples from SDG EPDS331 (mid):

Compounds	Units	MW-333 (shallow)	MW-333 (shallow) DUP	RPD%
1,1-Dichloroethene	µg/L	4	4	0
1,1-Dichloroethane	µg/L	4	4	0

All precision requirements were met for the field duplicate analyses; the results are usable as reported.

The following table shows the first set of field duplicate sample results associated with the aqueous diffusion samples from SDG EPDS225A (shallow):

Compounds	Units	MW-334 (deep)	MW-334 (deep) DUP	RPD%
Methylene chloride	µg/L	4B	4B	0
Acetone	µg/L	22B	23B	4
1,1-Dichloroethane	µg/L	0.6J	0.6J	0

NOTE: B = Compound detected in associated method blank.
J = Estimated concentration below detection limit.

All precision requirements were met for the field duplicate analyses; the results are usable as reported. The data user should note that the result for methylene chloride and acetone in samples MW-334 (deep) and MW-334 (deep) DUP were previously qualified as false-positive based on method blank contamination (see Section D.6.1 for discussion).

The following table shows the second set of field duplicate sample results associated with the aqueous diffusion samples from SDG EPDS225A (shallow):

Compounds	Units	MW-225A (deep)	MW-225A (deep) DUP	RPD%
1,1-Dichloroethene	µg/L	(<1U)	0.9J	**57.1**
cis-1,2-dichloroethene	µg/L	11	21	**62.5**
Total 1,2-dichloroethene	µg/L	11	21	**62.5**
Trichloroethene	µg/L	9	18	**66.7**
Tetrachloroethene	µg/L	2	6	**100**

NOTE: U = Not detected. Sample quantitation limits are shown as (<__U).
J = Estimated concentration below detection limit.
Results in bold indicate an exceedance of the precision requirements.

All precision requirements were met for the field duplicate analyses with the exception of 1,1-dichloroethene, *cis*-1,2-dichloroethene, total 1,2-dichloroethene, trichloroethene, and tetrachloroethene. The positive results for 1,1-dichloroethene, *cis*-1,2-dichloroethene, total 1,2-dichloroethene, trichloroethene, and tetrachloroethene in samples MW-225A (deep) and MW-225A (deep) DUP should be considered estimated.

D.9 METHOD DETECTION LIMITS FOR SOLID AND AQUEOUS SAMPLES

Appendix D.1 provides the method detection limits for solid and aqueous samples. The method detection limit represents the minimum concentration of a substance that can be measured and reported with 99 percent confidence that the analyte concentration is greater than zero and is determined from analysis of a sample for a given matrix.

Appendix D.1

Method Detection Limits for Solid and Aqueous Samples

KATAHDIN ANALYTICAL SERVICES, INC.

Target List	EPA Method	Soil Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
Aroclor 1221	8082	---	---	---	---	17	0.5	2.96	0.25
Aroclor 1232	8082	---	---	---	---	17	0.5	4.19	0.36
Aroclor 1242	8082	---	---	---	---	17	0.5	5.34	0.25
Aroclor 1248	8082	---	---	---	---	17	0.5	3.16	0.28
Aroclor 1254	8082	---	---	---	---	17	0.5	3.95	0.28
Aroclor 1016	8082	56-106	43-114	0-50 (nom.)	0-30 (nom.)	17	0.5	4.24	0.25
Aroclor 1260	8082	67-113	53-117	0-50 (nom.)	0-30 (nom.)	17	0.5	3.69	0.26
[illegible]									
Decachlorobiphenyl	8082	49-115	12-135	---	---	---	---	---	---
Tetrachloro-m-xylene	8082	38-104	26-119	---	---	---	---	---	---
[illegible]									
Alpha-BHC	8081A	53-104	65-117	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.497	0.0052
Gamma-BHC(Lindane)	8081A	58-107	69-115	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.486	0.0044
Beta-BHC	8081A	70-106	75-116	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.549	0.0069
Delta-BHC	8081A	64-114	66-122	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.368	0.0034
Heptachlor	8081A	52-110	60-106	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.306	0.0058
Aldrin	8081A	49-108	64-113	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.406	0.0084
Heptachlor Epoxide	8081A	65-109	76-117	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.346	0.0076
Gamma-Chlordane	8081A	66-111	76-118	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.882	0.0093
Alpha-Chlordane	8081A	68-110	78-119	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.36	0.0081
4,4'-DDE	8081A	65-106	74-110	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.302	0.0051
Endosulfan I	8081A	58-107	66-113	0-50 (nom.)	0-30 (nom.)	1.7	0.05	0.394	0.0072
Dieldrin	8081A	65-110	74-118	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.385	0.0062
Endrin	8081A	68-109	74-116	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.337	0.0058
4,4'-DDD	8081A	37-129	59-117	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.603	0.0087
Endosulfan II	8081A	65-108	73-115	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.292	0.0054
4,4'-DDT	8081A	63-113	71-118	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.546	0.0061
Endrin Aldehyde	8081A	43-103	79-125	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.553	0.0043
Methoxychlor	8081A	29-159	51-123	0-50 (nom.)	0-30 (nom.)	17	0.5	0.724	0.0114
Endosulfan Sulfate	8081A	64-123	67-143	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.469	0.0044
Endrin Ketone	8081A	64-122	78-121	0-50 (nom.)	0-30 (nom.)	3.3	0.1	0.414	0.0044
[illegible]									
Decachlorobiphenyl	8081A	42-136	19-125	---	---	---	---	---	---
Tetrachloro-m-xylene	8081A	51-106	40-93	---	---	---	---	---	---

KATAHDIN ANALYTICAL SERVICES, INC.

Target List	EPA Method	S H Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
Dalapon	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	5	NA	3.43
MCPP	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	100	NA	35.86
Dicamba	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	1	NA	0.35
MCPA	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	150	NA	48.47
Dichloroprop	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	2	NA	0.62
2,4-D	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	1	NA	0.25
2,4,5-TP (Silvex)	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	1	NA	0.33
2,4,5-T	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	1	NA	0.36
Dinoseb	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	5	NA	1.6
2,4-DB	8151A	NA	30-120 (nom.)	NA	0-30 (nom.)	NA	1	NA	0.33
[illegible]									
2,4-Dichlorophenylacetic acid	8151A	NA	50-150	---	---	---	---	---	---
[illegible]									
Diesel Range Organics	8015B Mod.	52-132	69-131	0-50 (nom.)	0-30 (nom.)	5000	50	1200	20.5
[illegible]									
Ortho-terphenyl	8015B Mod.	50-105	64-110	---	---	---	---	---	---
Gasoline Range Organics	8015B Mod.	51-149	75-118	0-50 (nom.)	0-30 (nom.)	2500	10	1200	6.04
[illegible]									
BFB	8015B Mod.	70-135	60-135	---	---	---	---	---	---
aaa-TFT	8015B Mod.	24-131	---	---	---	---	---	---	---
[illegible]									
Chloromethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	2	1.02	0.64
Dichlorodifluoromethane	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	2	1	0.33
Bromomethane	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	2	1.34	0.24
Vinyl Chloride	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	2	1.08	0.41
Chloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	2	1.02	0.15
Trichlorofluoromethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	2	0.99	0.38
Acetone	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	5	4.33	0.62
Acrylonitrile	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1.77	0.19
Methylene Chloride	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	3.72	0.16
1,1-Dichloroethene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.78	0.45
2,2-Dichloropropane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1.32	0.32
Carbon Disulfide	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.73	0.38
MTBE	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.72	0.18

Target List	EPA Method	Soil Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
1,2-Dichloroethene (trans)	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.82	0.49
Bromochloromethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1.38	0.18
1,1-Dichloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.68	0.29
1,2-Dichloroethene (cis)	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.78	0.22
2-Butanone (MEK)	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	5	2.96	0.47
Chloroform	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.59	0.21
Tetrahydrofuran	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	50	50	1.4	0.61
1,1,1-Trichloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.81	0.64
1,1-Dichloropropene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.96	0.59
Carbon Tetrachloride	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.71	0.47
Dibromomethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.91	0.08
1,2-Dichloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.61	0.12
Bromodichloromethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.48	0.12
1,2-Dichloropropane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.49	0.14
cis-1,3-Dichloropropene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.52	0.14
Trichloroethene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.74	0.5
Benzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.56	0.29
1,2-Dibromoethane (EDB)	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.51	0.08
trans-1,3-Dichloropropene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.59	0.12
1,1,2-Trichloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.66	0.12
4-methyl-2-pentanone(MIBK)	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	5	1.67	0.39
1,3-Dichloropropane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.54	0.1
Toluene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.67	0.32
2-Hexanone	8260B	60-200 (nom.)	60-200 (nom.)	0-30 (nom.)	0-20 (nom.)	5	5	1.37	0.53
1,1,1,2-Tetrachloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.74	0.13
Tetrachloroethene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.65	0.72
Dibromochloromethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.58	0.08
Chlorobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.47	0.15
Ethylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.57	0.37
Styrene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.43	0.22
m+p-Xylene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1.23	0.78
Isopropylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.68	0.5
o-Xylene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.59	0.28
Bromoform	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.59	0.11

KATAHDIN ANALYTICAL SERVICES, INC.

Target List	EPA Method	Soil Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
1,2,3-Trichloropropane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1.28	0.17
1,1,2,2-Tetrachloroethane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.83	0.14
Bromobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.94	0.11
2-Chlorotoluene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.57	0.32
1,3-Dichlorobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.57	0.2
1,4-Dichlorobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.81	0.17
n-Propylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.67	0.46
1,2-Dichlorobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.82	0.14
4-Chlorotoluene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.74	0.26
1,3,5-Trimethylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.62	0.38
tert-Butylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.65	0.52
1,2,4-Trimethylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.51	0.31
Sec-Butylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.75	0.54
p-Isopropyltoluene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.77	0.5
n-Butylbenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.79	0.54
1,2-Dibromo-3-Chloropropane	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1.54	0.45
1,2,4-Trichlorobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.92	0.44
Hexachlorobutadiene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.84	0.68
Naphthalene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	1	0.61
1,2,3-Trichlorobenzene	8260B	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-20 (nom.)	5	1	0.76	0.52
Surrogates									
DBFM	8260B	66-149	75-129	--	--	--	--	--	--
Toluene-d8	8260B	68-147	82-120	--	--	--	--	--	--
BFB	8260B	64-152	69-125	--	--	--	--	--	--
1,2-DCA-d4	8260B	66-149	65-135	--	--	--	--	--	--
Semivolatile Soil Compounds									
Acenapthene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	14.9	0.54
Acenaphthylene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	14.57	0.63
Anthracene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	8.54	0.57
Benzo (a) Anthracene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	10.64	0.77
Benzo (b) Fluoranthene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	13.99	0.71
Benzo(k)Fluoranthene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	23.82	1.67
Benzo (g,h,i) Perylene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	12.22	1.1
Benzo (a) Pyrene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	13.73	1.11

Target List	EPA Method	Soil Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
Bis (2-Chloroethoxy)Methane	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	17.46	0.75
Bis (2-Chloroethyl Ether	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	11.81	1.13
Bis (2-Chloroisopropyl)Ether	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	16.94	1.06
Bis (2-Ethylhexyl)Phthalate	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	25.06	0.41
4-Bromophenyl Phenyl Ether	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	12.18	0.79
Butyl Benzylphthalate	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	18.05	0.81
2-Chloronaphthalene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	19.35	1.08
4-Chlorophenyl Phenyl Ether	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	15.94	0.46
Chrysene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	21.03	0.55
Dibenz (a,h) Anthracene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	9.72	0.82
Di-n-Butylphthalate	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	95.28	0.99
1,2-Dichlorobenzene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	29.02	1.01
1,3-Dichlorobenzene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	35.46	1.16
1,4-Dichlorobenzene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	32.13	1.14
3,3-Dichlorobenzidine	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	29.27	5.34
Diethyl Phthalate	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	15.63	0.53
Dimethyl Phthalate	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	18.25	0.58
2,4-Dinitrotoluene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	9.96	0.56
2,6-Dinitrotoluene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	15.45	3.85
Di-n-Octyl Phthalate	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	14.25	0.4
Fluoranthene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	11.28	0.69
Fluorene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	12.88	0.45
Hexachlorobenzene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	15.3	0.64
Hexachlorobutadiene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	18.37	0.84
Hexachlorocyclopentadiene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	18.52	0.35
Hexachloroethane	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	27.5	1.46
Indeno (1,2,3-c,d) Pyrene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	12.89	0.81
2-Methylnaphthalene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	16.38	0.7
Naphthalene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	10.97	1.1
Nitrobenzene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	9.75	1.32
Isophorone	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	13.84	0.84
n-Nitrosodiphenylamine	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	24.66	1.74
n-Nitrosodi-n-propylamine	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	28.84	0.86
Phenanthrene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	11.52	0.54

KATAHDIN ANALYTICAL SERVICES, INC.

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[illegible]									
Pyrene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	20.24	0.74
1,2,4-Trichlorobenzene	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	14.74	0.71
n-Nitrosodimethylamine	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	82.89	3.75
4-chloroaniline	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	49.35	0.68
2-nitroaniline	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	31.1	0.48
3-nitroaniline	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	33.1	0.95
4-nitroaniline	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	54.89	4.74
1,2-Diphenylhydrazine	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	13.58	1.14
Benzidine	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	139.03	4.96
Carbazole	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	17.7	0.77
Dibenzofuran	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	7.33	0.64
4-Chloro-3-methylphenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	32.74	3.17
2-Chlorophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	27.6	2.24
2-methylphenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	28.16	3.75
4-methylphenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	20.76	3.45
2,4-Dichlorophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	28.18	1.37
2,4-Dimethylphenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	33.02	1.98
4,6-Dinitro-2-methylphenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	67.8	3.68
2,4-Dinitrophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	84.6	7.12
2-Nitrophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	29.43	0.79
4-Nitrophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	131.57	1.07
Pentachlorophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	187.7	7.53
Phenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	18.28	1.75
2,4,6-Trichlorophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	330	10	18.93	1.08
2,4,5-Trichlorophenol	8270C	60-140 (nom.)	70-130 (nom.)	0-50 (nom.)	0-30 (nom.)	820	25	20.81	0.6
[illegible]									
Nitrobenzene-d5	8270C	14-107	36-117	---	---	---	---	---	---
2-Fluorobiphenyl	8270C	32-109	47-114	---	---	---	---	---	---
Terphenyl-d14	8270C	26-116	35-126	---	---	---	---	---	---
2-Fluorophenol	8270C	15-106	20-95	---	---	---	---	---	---
Phenol-d5	8270C	30-105	10-115	---	---	---	---	---	---
2,4,6-Tribromophenol	8270C	16-115	20-137	---	---	---	---	---	---
[illegible]									
Arsenic	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	800	8	220	2.4

Target List	EPA Method	Soil Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
Barium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	500	5	40	0.15
Cadmium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1000	10	30	0.32
Chromium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1500	15	70	0.89
Lead	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	500	5	270	2.05
Mercury	7471/7475	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	40	0.20	7.6	0.019
Selenium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1000	10	410	5.42
Aluminum	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	30000	300	1340	33.05
Boron	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	10000	100	3060	0.99
Beryllium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1500	15	30	0.25
Calcium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	5000	50	1100	6.61
Cobalt	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	3000	30	70	0.95
Copper	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	2500	25	150	0.89
Iron	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	10000	100	2860	19.97
Magnesium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	5000	50	860	4.22
Manganese	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1000	10	30	0.27
Molybdenum	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	10000	100	170	1.95
Nickel	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	4000	40	130	1.17
Potassium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	100000	1000	1620	27
Antimony	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	800	8	420	3.27
Silver	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1500	15	120	0.78
Sodium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	100000	1000	13940	298.26
Thallium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1500	15	670	5.05
Vanadium	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	2500	25	60	0.48
Zinc	6010	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	2500	25	100	0.53
[illegible]									
Cyanide	9012 Mod.	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	1000	10	NA	1.2
TOC	9060	NA	80-120 (nom.)	NA	0-25 (nom.)	NA	1000	NA	54
Phenol	9065	70-130 (nom.)	70-130 (nom.)	0-30 (nom.)	0-30 (nom.)	500	5	NA	3.7
Hexavalent Chromium	7196	80-120 (nom.)	80-120 (nom.)	0-25 (nom.)	0-25 (nom.)	400	10	48.3	5
[illegible]									
Chloride	9056	90-110 (nom.)	90-110 (nom.)	0-25 (nom.)	0-25 (nom.)	20000	2000	175	17.5
Bromide	9056	90-110 (nom.)	90-110 (nom.)	0-25 (nom.)	0-25 (nom.)	10000	500	3360	168
Nitrite	9056	90-110 (nom.)	90-110 (nom.)	0-25 (nom.)	0-25 (nom.)	500	50	245	24.5
Nitrate	9056	90-110 (nom.)	90-110 (nom.)	0-25 (nom.)	0-25 (nom.)	500	50	223	22.3

Target List	EPA Method	Soil Accuracy % Recovery	Aqueous Accuracy % Recovery	Soil Precision RPD (1)	Aqueous Precision RPD (1)	Soil PQLs (ppb)	Water PQLs (ppb)	Soil MDLs (ppb)	Water MDLs (ppb)
[illegible]									
Ortho-phosphate	9056	90-110 (nom.)	90-110 (nom.)	0-25 (nom.)	0-25 (nom.)	1000	50	870	43.5
Sulfate	9056	90-110 (nom.)	90-110 (nom.)	0-25 (nom.)	0-25 (nom.)	10000	1000	457	45.7

1. Represented as Relative Percent Difference
2. Accuracy is determined by Laboratory Control Samples and Matrix Spike/Matrix Spike Duplicates.
3. Accuracy for MS/MSD only applies when the spike is > 2X the native analyte concentration.
4. Practical Quantitation Limits (PQLs) can increase based on percent water content and/or dilution factors.
5. For semivolatile analysis, <10% of the compounds may use wider windows of 40-160% recovery and 60% RPD.

Appendix E

Field Monitoring and Sampling Forms

E.1 Field Record of Well Gauging Forms
E.2 Field Record of Well Gauging, Purging, and Sampling Forms
E.3 Field Record of Surface Water and Sediment Sampling Forms
E.4 Field Record of Seep Sampling Forms
E.5 Field Record of Landfill Gas Monitoring Form

Appendix E.1

Field Record of Well Gauging Forms

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FIELD RECORD OF WELL GAUGING

Project Name: NASB, ME LTM Sites 1 & 3	Weather: Cloudy 55	Gauge Date: 10/7/02
Project Number: 2960047	Sounding Method:	Gauge Time:
EA Personnel: CDS / DB	Equipment: Water level Indicator	

Well Identification Number	Well Lock Status	Stick Up or F.M.	Well Physical Condition	VOC Concentrations Ambient Air (ppm)	VOC Concentrations Well Mouth (ppm)	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Well Diameter (inches)	Total Depth of Well (ft)	Total Depth of Well previously	Depth to Water (ft)	Depth to to Liquid (ft)	Water Table Elevation (ft)	Dedicated Pump
Sites 1 & 3														
MW-201R	Good	Stick Up	Good	ND	ND		58.88	2	49.68	49.08	13.24	ND	45.64	
MW-202A	Good	Stick Up	Good	ND	ND		52.4	2	Pump	31.09	22.53	ND	29.87	Yes
MW-203	Good	Stick Up	Good	ND	ND		52.75	2	Pump	42.04	31.83	ND	20.92	Yes
MW-204	Good	Stick Up	Good	ND	ND		50.5	2	Pump	37.18	29.98	ND	20.52	Yes
MW-210B	Good	Stick Up	Good	ND	ND		54.72	2	40.85	40.50	30.11	ND	24.61	
MW-211B	Good	Stick Up	Good	ND	ND		65.44	2	35.87	36.50	33.06	ND	32.38	
MW-215R	Good	Stick Up	Good	ND	ND		62.26	2	Pump	59.00	31.33	ND	30.93	Yes
MW-217B	Good	Stick Up	Good	ND	ND		61.25	2	PDB	32.90	29.51	ND	31.74	PDB
MW-234R	Good	Stick Up	Good	ND	ND		68.55	2	59.10	59.52	37.32	ND	31.23	
MW-240	Good	Stick Up	Good	ND	ND		52.21	2	Pump	42.60	31.14	ND	21.07	Yes
MW-2101	Good	Stick Up	Good	ND	ND		61.05	2	Pump	30.00	12.98	ND	48.07	Yes
MW-216A	Good	Stick Up	Good	ND	ND		71.17	2	47.75	47.71	39.36	ND	31.81	
MW-217A	Good	Stick Up	Loose	ND	ND		61.78	2	10.39	47.40	8.85	ND	52.93	Yes
MW-218	Good	Stick Up	Good	ND	ND		54.16	2	Pump	53.54	34.15	ND	20.01	Yes
MW-219	Good	Stick Up	Good	ND	ND		51.87	2	Pump	71.82	34.30	ND	17.57	Yes
MW-220	Good	Stick Up	Good	ND	ND		47.2	2	51.43	51.50	27.24	ND	19.96	
MW-232A	Good	Stick Up	Good	ND	ND		71.18	2	34.78	54.74	39.78	ND	31.40	
MW-233R	Good	Stick Up	Good	ND	ND		63.94	2	38.72	38.71	32.66	ND	31.28	
MW-210A	Good	Stick Up	Good	ND	ND		52.17	2	100+	106.32	19.08	ND	33.09	
MW-210R	Good	Stick Up	Good	ND	ND		55.9	2	100+	112.35	21.97	ND	33.93	
MW-211A	Sticky	Stick Up	Good	ND	ND		65.59	2	100+	142.76	25.25	ND	40.34	
EW-6	Good	NA	Good	ND	ND		57.74	6	59.93	39.05	23.41	ND	34.33	
EW-7	Good	NA	Good	ND	ND		51.13	6	48.90	38.90	26.68	ND	24.45	
EP-16	Good	Stick Up	Good	ND	ND		58.92	2	59.52	58.77	34.09	ND	24.83	
EP-17	Good	Stick Up	Good	ND	ND		69.73	2	42.70	42.85	38.06	ND	31.67	
EP-18	Good	Stick Up	Good	ND	ND		68.58	2	38.93	38.10	36.93	ND	31.65	
EP-19	Good	Stick Up	Good	ND	ND		68.22	2	46.59	47.30	36.78	ND	31.44	
EP-20	Good	Stick Up	Good	ND	ND		69.55	2	47.25	47.25	37.83	ND	31.72	

Comments:

FIELD RECORD OF WELL GAUGING

Project Name:	NASB, ME LTM Eastern Plume	Weather: Cloudy, Breezy, 55	Gauge Date: 10/7/02
Project Number:	2960047	Sounding Method:	Gauge Time:
EA Personnel:	MAC	Equipment:	

Well Identification Number	Well Lock Status	Stick Up or F.M.	Well Physical Condition	VOC Concentrations Ambient Air (ppm)	VOC Concentrations Well Mouth (ppm)	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Well Diameter (inches)	Total Depth of Well (ft)	Total Depth of Well previously (ft)	Depth to Water (ft)	Depth to to Liquid (ft)	Water Table Elevation (ft)	Dedicated Pump
Eastern Plume														
Shallow Monitoring Wells														
MW-105B	Good	Stick Up	Good	ND	ND		24.55	2	22.00	21.91	8.93	ND	15.62	
MW-106	Good	Stick Up	Good	ND	ND		51.26	2	37.40	37.27	22.90	ND	28.36	
MW-206B	Good	Stick Up	Good	ND	ND		42.77	2	27.53	27.17	19.30	ND	23.47	
MW-207B	Good	Stick Up	Good	ND	ND		22.9	2	9.40	9.21	7.02	ND	15.88	
MW-209	Good	Stick Up	Good	ND	ND		54.84	2	32.48	32.38	25.64	ND	29.20	
MW-222	Good	Stick Up	Good	ND	ND		57.43	2	45.51	45.34	27.45	ND	29.98	
MW-223	Good	Stick Up	Good	ND	ND		53.71	2	42.84	42.61	24.90	ND	28.81	
MW-224	Good	Stick Up	Good	ND	ND		57.63	2	PDB	46.01	26.78	ND	30.85	
MW-225B	Good	Stick Up	Good	ND	ND		46.25	2	42.18	42.00	20.59	ND	25.66	
MW-229B	Good	Stick Up	Good	ND	ND		30.08	2	23.40	33.14	16.04	ND	14.04	Yes
MW-231B	Good	Stick Up	Good	ND	ND		46.31	2	PDB	37.99	25.76	ND	20.55	
MW-307							62.7			22.21				
MW-313	Good	Stick Up	Good	ND	ND		21.39	2	PDB	37.47	7.65	ND	13.74	
MW-318	Good	Stick Up	Good	ND	ND		24.28	2	PDB	25.14	15.84	ND	8.44	
MW-332	Good	Stick Up	Good	ND	ND		25.33	2	PDB	21.03	10.30	ND	15.03	
MW-1104	Good	Stick Up	Good	ND	ND		60.09	2	PDB	27.55	8.76	ND	51.33	
Deep Monitoring Wells														
MW-105A	Good	Stick Up	Good	ND	ND		24.19	2	PDB	47.75	2.46	ND	21.73	
MW-205	Good	Stick Up	Good	ND	ND		45.99	2	PDB	79.00	23.75	ND	22.24	
MW-206A	Good	Stick Up	Good	ND	ND		43.02	2	74.91	74.36	18.84	ND	24.18	
MW-207AR	Good	Stick Up	Good	ND	ND			2	PDB		0.55	ND		
MW-208	Good	Stick Up	Good	ND	ND		49.4	2	103.46	102.80	20.77	ND	28.63	
MW-225A	Good	Stick Up	Good	ND	ND		45.95	2	75.65	76.03	19.03	ND	26.92	
MW-229A	Good	Stick Up	Good	ND	ND		33.83	2	PDB	64.97	13.69		20.14	
MW-230A	Good	Stick Up	Good	ND	ND		36.32	2	PDB	81.49	15.69	ND	20.63	
MW-231A	Good	Stick Up	Good	ND	ND		45.41	2	PDB	61.19	21.64	ND	23.77	
MW-303	Good	Stick Up	Good	ND	ND		44.28	2	PDB	72.75	12.48	ND	31.80	
MW-305	Good	Stick Up	Good	ND	ND		43.09	2	PDB	53.51	14.56	ND	28.53	
MW-306	Good	Stick Up	Good	ND	ND		52.12	2	PDB	56.98	18.20	ND	33.92	
MW-310	Good	Stick Up	Good	ND	ND		53.39	2	73.56	73.25	28.00	ND	25.39	
MW-311	Good	Stick Up	Good	ND	ND		21.48	2	PDB	56.25	9.32	ND	12.16	
MW-312	Good	Stick Up	Good	ND	ND		35.97	2	70.80	71.15	12.22	ND	23.75	
MW-319	Good	Stick Up	Good	ND	ND		40.16	2	PDB	72.60	12.84	ND	27.32	
MW-330B	Good	Stick Up	Good	ND	ND		35.71	2	62.18	36.36	18.34	ND	17.37	
MW-331	Good	Stick Up	Good	ND	ND		30.54	2	PDB	56.23	1.73	ND	28.81	
MW-333	Good	Stick Up	Good	ND	ND		27.25	2	PDB	42.85	10.49	ND	16.76	
MW-334	Good	Stick Up	Good	ND	ND		30.93	2	PDB	47.80	11.68	ND	19.25	
MW-NASB-212	Good	Stick Up	Good	ND	ND		41.64	2	PDB	64.29	9.45	ND	32.19	
Bedrock Monitoring Wells														
MW-308	Good	Stick Up	Good	ND	ND		37.7	2	PDB	73.25	5.51	ND	32.19	
MW-309A	Poor	Stick Up	Good	ND	ND		22.84	2	72.75	72.71	0.00	ND	22.84	Artesion

Well Identification Number	Well Lock Status	Stick Up or F.M.	Well Physical Condition	VOC Concentrations Ambient Air (ppm)	VOC Concentrations Well Mouth (ppm)	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Well Diameter (inches)	Total Depth of Well (ft)	Total Depth of Well previously (ft)	Depth to Water (ft)	Depth to to Liquid (ft)	Water Table Elevation (ft)	Dedicated Pump
MW-309B	Good	Stick Up	Good	ND	ND		22.32	2	PDB	59.25	0.00	ND	22.32	Artesion
MW-316A	Good	Stick Up	Good	ND	ND		53.71	2	100+	103.10	22.78	ND	30.93	Casing Mov
MW-316B	Good	Stick Up	Good	ND	ND		54.4	2	57.63	57.85	12.82	ND	41.58	
MW-317A	Good	Stick Up	Good	ND	ND		71.35	2	96.42	120.79	14.25	ND	57.10	
MW-317B	Good	Stick Up	Good	ND	ND		70.1	2	100+	96.95	15.56	ND	54.54	
Shallow P-Series Piezometers														
P-103	Good	Stick Up	Good	ND	ND		60.35	3/4	28.78	28.75	24.92	ND	35.43	
P-111	Good	Stick Up	Good	ND	ND		31.48	3/4	9.84	9.98	5.98	ND	25.50	
P-121	Good	Stick Up	Good	ND	ND		50.78	3/4	17.24	17.35	15.92	ND	34.86	
P-132	Good	Stick Up	Good	ND	ND		42.95	2	PDB	32.46	19.15	ND	23.80	
Deep P-Series Piezometers														
P-105	Good	Stick Up	Good	ND	ND		42.68	3/4	71.30	70.35	9.73	ND	32.95	
P-106	Good	Stick Up	Good	ND	ND		38.83	3/4	72.00	72.40	10.13	ND	28.70	
P-123							54.19							
Deep EP-Series Piezometers														
EP-1	Good	Stick Up	Good	ND	ND		31.67	1.5	100.51	101.22	10.70	ND	20.97	
EP-2	Good	Stick Up	Good	ND	ND		29.74	1.5	98.30	99.00	9.02	ND	20.72	
EP-3	Good	Stick Up	Good	ND	ND		27.91	1.5	88.75	89.21	6.74	ND	21.17	
EP-4	Good	Stick Up	Good	ND	ND		32.59	1.5	91.20	91.11	6.68	ND	25.91	
EP-5	Good	Stick Up	Good	ND	ND		34.61	1.5	79.10	79.85	7.57	ND	27.04	
EP-6	Good	Stick Up	Good	ND	ND		40.14	1.5	83.82	83.51	13.50	ND	26.64	
EP-7	Good	Stick Up	Good	ND	ND		48.49	1.5	70.44	70.20	19.62	ND	28.87	
EP-8	Good	Stick Up	Good	ND	ND		47.31	1.5	80.10	80.38	18.28	ND	29.03	
EP-9	Good	Stick Up	Good	ND	ND		37.84	1.5	62.48	62.46	9.05	ND	28.79	
EP-10	Good	Stick Up	Good	ND	ND		37.78	1.5	58.00	57.73	9.38	ND	28.40	
EP-11	Good	Stick Up	Good	ND	ND		41.59	1.5	65.25	65.03	11.43	ND	30.16	
EP-12	Good	Stick Up	Good	ND	ND		49.38	1.5	69.92	69.61	18.59	ND	30.79	
EP-13	Good	Stick Up	Good	ND	ND		38.96	1.5	71.00	70.93	50.83	ND	-11.87	
EP-14	Good	Stick Up	Good	ND	ND		43.46	1.5	80.50	80.05	10.26	ND	33.20	
EP-15	Good	Stick Up	Good	ND	ND		45.37	1.5	82.65	82.68	12.65	ND	32.72	

Well Identification Number	Well Lock Status	Stick Up or F.M.	Well Physical Condition	VOC Concentrations Ambient Air (ppm)	VOC Concentrations Well Mouth (ppm)	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Well Diameter (inches)	Total Depth of Well (ft)	Total Depth of Well previously (ft)	Depth to Water (ft)	Depth to to Liquid (ft)	Water Table Elevation (ft)	Dedicated Pump
PZ-Series Piezometers														
PZ-1	NA	Stick Up	Good	ND	ND		47.88	3/4	57.79	58.00	25.63	ND	22.25	
PZ-2	NA	Stick Up	Good	ND	ND		39.66	3/4	55.45	55.50	19.68	ND	19.98	
PZ-6	NA	Stick Up	Good	ND	ND		33.14	3/4	55.00	55.60	14.92	ND	18.22	
PZ-11	NA	Stick Up	Good	ND	ND		53.66	3/4	40.62	41.10	25.13	ND	28.53	
Extraction Wells														
EW-1	Good	Stick Up	Good	ND	ND		25.34	6	72.11	99.66	8.31	ND	17.03	
EW-2A	Good	Stick Up	Good	ND	ND		22.27	6	60.52	66.00	21.28	ND	0.99	
EW-4	Good	Stick Up	Good	ND	ND		37.13	6	61.15	69.37	19.87	ND	17.26	
EW-5A	Good	Stick Up	Good	ND	ND		37.63	6	78.00	82.00	30.40	ND	7.23	
Surface Water														
GP-1A										25.39	2.49		22.90	
GP-2A	Flooded									23.92	1.58		22.34	
GP-3A										25.26	DRY			
GP-4	Not Collected									18.39				
GP-5A										11.47	DRY			
GP-6	Not Collected									15.22				

Comments:

Appendix E.2

Field Record of Well Gauging, Purging, and Sampling Forms

EP

Page____ of ____

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-332 MS/MSD
Well Lock Status: Good
Well Condition: Good
Weather: Sunny 40°

Gauge Date:
Gauge Time:
Sounding Method:
Measurement Ref:
Stick Up / Down:
Well Diameter:

Purge Date:
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel:
Ambient Air VOC's (ppm)
Well Mouth VOC's (ppm)

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft):
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
PDB Start	1115	16.30	—	11.29	71.00	3.28	-54.5	5.90	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10-15-02
Sampling Time (Start / End) 1115
Sample Type: GW
Total Amount of Water Removed:
Sample Parameters: VOC
Sample Preservation: HCL
Decon Fluids Used: —
Sample Bottle ID's: BV-21-EP-MS332
Sample Personnel: CDS / CMS

Comments:

EP

Page____ of ____

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-331 PD Beauly	Well Lock Status:	
Well Condition:	Good	Weather:	Sunny 40°
Gauge Date:		Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:	↑	Well Diameter:	2"
Purge Date:	PDB	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CBS CMS
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	—
Depth to Water (ft):	1.85	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	~~ND~~

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1040	1.85	—	X	X	X	X	X	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-15-02
Sampling Time (Start / End)	1040
Sample Type:	GW
Total Amount of Water Removed:	—
Sample Parameters:	VOC
Sample Preservation:	HCL
Decon Fluids Used:	—
Sample Bottle ID's:	[illegible]
Sample Personnel:	CBS CMS

Comments:

X = unable to get Reading due to PVC Pipe Deformation

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-319 PD Bailey	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny, 40°
Gauge Date:		Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:		Well Diameter:	
Purge Date:	—	Purge Time:	
Purge Method:	Low - Flow Purge PDB	Field Personnel:	CDS/CMS
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):	~~12.47~~	Well Volume/ft (L):	—
Depth to Water (ft):	12.97	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	—

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1015	12.97	—	11.81	46.00	9.41	16.1	6.55	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-15-02
Sampling Time (Start / End)	1015
Sample Type:	GW
Total Amount of Water Removed:	—
Sample Parameters:	VOC
Sample Preservation:	HCL
Decon Fluids Used:	—
Sample Bottle ID's:	BN-02-EP-DS 314D
Sample Personnel:	CDS CMS

Comments:

E P

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-105A	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny 40°
Gauge Date:		Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:	0	Well Diameter:	2"
Purge Date:	— PDB	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS / CMS
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):	—	Well Volume/ft (L):	—
Depth to Water (ft):	2.78	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	—

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
PDB Start	1415	2.78	—	11.96	40.00	60.1	37.5	6.34	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-15-02
Sampling Time (Start / End)	1415
Sample Type:	GW
Total Amount of Water Removed:	—
Sample Parameters:	VOC
Sample Preservation:	HCL
Decon Fluids Used:	—
Sample Bottle ID's:	BA-21-L-2-DS105AD
Sample Personnel:	CDS / CMS

Comments:

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-205	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny / 50°
Gauge Date:	—	Gauge Time:	—
Sounding Method:	WL	Measurement Ref:	—
Stick Up / Down:	N	Well Diameter:	2"
Purge Date:	10-15-03	Purge Time:	—
Purge Method:	Low - Flow Purge	Field Personnel:	CDS / CMS
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	
Depth to Water (ft):		Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1435	23.63	—	9.01	111.00	6.57	52.0	8.39	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-15-03
Sampling Time (Start / End)	1435
Sample Type:	G-W
Total Amount of Water Removed:	—
Sample Parameters:	VOC
Sample Preservation:	HCL
Decon Fluids Used:	—
Sample Bottle ID's:	B-21-EP DS205D
Sample Personnel:	CDS/CMS

Comments:

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-212	Well Lock Status: OK
Well Condition: OK	Weather: Clear/calm/cold
Gauge Date: 10/9/02	Gauge Time: 0915
Sounding Method: Slope indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 2"
Purge Date: ~~10/9~~ NA	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: MAC/PP
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft): 68.90 V soft bottom	Well Volume/ft (L):
Depth to Water (ft): 9.45'	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	0925	68.90		8.06	266				
1	1000	68.90		8.07	192	1.29	28.~~8~~	6.59	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sample not taken

Sampling Date: 10/9/02	Comments:
Sampling Time (Start / End) 0920	BN-21-EP-DS ~~3085~~ 2125 @ 0920
Sample Type: Grab	MAC
Total Amount of Water Removed: Ø	
Sample Parameters: VOC	
Sample Preservation: HCL	
Decon Fluids Used: NA	
Sample Bottle ID's: BN-21-EP-DS ~~3085~~ 2125 MAC	

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-224 PDB only	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny 40°
Gauge Date:		Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:	1'	Well Diameter:	2"
Purge Date:	PDB	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	
Depth to Water (ft):		Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
DB Start	0945	26.90	PDB	8.06	35.00	10.76	101.4	5.84	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-15-02
Sampling Time (Start / End)	0945
Sample Type:	Grab
Total Amount of Water Removed:	N/A
Sample Parameters:	VOC
Sample Preservation:	HCL
Decon Fluids Used:	
Sample Bottle ID's:	B-21-EP-DS-24.11
Sample Personnel:	CDS [illegible]

Comments:

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-229A	Well Lock Status: Good
Well Condition: Good	Weather: Sunny 40°
Gauge Date:	Gauge Time:
Sounding Method:	Measurement Ref:
Stick Up / Down:	Well Diameter:
Purge Date: PDB	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: CDS / CMS
Ambient Air VOC's (ppm) ND	Well Mouth VOC's (ppm) ND
Well Depth (ft):	Well Volume/ft (L): —
Depth to Water (ft): 13.64	Well Volume (L): —
Liquid Depth (ft): ND	Three Well Volumes (L): —

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
PDB Start	1155	13.64	—	10.19	61.00	5.10	127.9	6.52	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10-15-02	Comments:
Sampling Time (Start / End) 1155	
Sample Type: GW	
Total Amount of Water Removed: —	
Sample Parameters: VOC	
Sample Preservation: HCl	
Decon Fluids Used: —	
Sample Bottle ID's: B.V. 21-GP-DS 229AM	
Sample Personnel: CDS CMS	

EP

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-306	Well Lock Status: Good
Well Condition: GOOD	Weather: Clear/cool/breezy
Gauge Date: 10/8/02	Gauge Time: 1355
Sounding Method: Slope Indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 2"
Purge Date:	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: MAC/PP
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft):	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1400	18.19	—	7.46	64	8.01	68	7.17	—
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10/8/02	Comments:
Sampling Time (Start / End) 1400	Diffuser only - 1 bag
Sample Type: Grab	BN-21-EP-DS306S @ 14:D
Total Amount of Water Removed: 0	
Sample Parameters: VOC	
Sample Preservation: HCl	
Decon Fluids Used: Isopropyl, DI, alconox	
Sample Bottle ID's: BN-21-EP-DS-306	
Sample Personnel: PP/MAC	

ED

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW311	Well Lock Status: Good
Well Condition: Good	Weather: Sunny 40°
Gauge Date:	Gauge Time:
Sounding Method:	Measurement Ref:
Stick Up / Down:	Well Diameter: 2"
Purge Date: 10-15-02 PDB	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: CDS / CWS
Ambient Air VOC's (ppm) ND	Well Mouth VOC's (ppm) ND
Well Depth (ft):	Well Volume/ft (L): —
Depth to Water (ft):	Well Volume (L): —
Liquid Depth (ft): ND	Three Well Volumes (L): —

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1050	9.00	—	10.74	102.00	1.89	-79.5	6.83	—
1									
2									
3									
4	Dup								
5		~~DSXD4~~							
6									
7		~~DSXD4~~							
8		DSXD2							
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10-15-02	Comments:
Sampling Time (Start / End) 1050	Duplicate
Sample Type: GW	
Total Amount of Water Removed: —	BA21-EP-DX42
Sample Parameters: VOC	
Sample Preservation: HCL	
Decon Fluids Used: —	
Sample Bottle ID's: BA21-EP-DS311	
Sample Personnel: CDS / CWS	

1+3

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-219	Well Lock Status: Good
Well Condition: Good	Weather: Mostly Cloudy / 50°
Gauge Date:	Gauge Time:
Sounding Method:	Measurement Ref:
Stick Up / Down:	Well Diameter: 2"
Purge Date: 10-4-02	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: CDS / DB
Ambient Air VOC's (ppm) ND	Well Mouth VOC's (ppm) ND
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft):	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1435	30.46	100	11.35	0.118	11.30	155	5.63	29.9
1	1440	30.80	100	10.90	0.113	10.09	158	5.60	31.6
2	1445	30.47	100	10.00	0.121	8.58	154	5.61	50.6
3	1450	30.48	100	10.62	0.120	8.32	151	5.64	48.9
4	1455	30.48	100	10.96	0.120	8.18	151	5.65	43.9
5	1500	30.50	100	11.19	0.119	8.16	151	5.63	37.8
6	1505	30.49	100	11.51	0.118	8.14	152	5.61	30.6
7	1510	30.48	100	11.77	0.117	8.09	153	5.59	27.9
8	1515	30.48	100	11.79	0.117	8.13	154	5.58	26.5
9	1520	30.48	100	11.93	0.116	8.15	154	5.57	23.0
10	1525	30.48	100	11.98	0.116	8.19	155	5.56	22.7
11	1530	30.49	100	12.07	0.115	8.20	156	5.56	22.1
12	1535	30.48	100	12.12	0.116	8.16	156	5.56	22.5
13	1540	30.48	100	12.12	0.116	8.17	156	5.56	22.6
14	1545	30.48	100	12.17	0.115	8.15	157	5.56	22.6
15	1550	30.48	100	12.21	0.116	8.12	157	5.56	22.7
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10-4-02	Comments:
Sampling Time (Start / End) 1550	Turbidity Stable @ 22 NTU
Sample Type: G-W	Sample @ 1550
Total Amount of Water Removed: ≈ 2.5 gal	
Sample Parameters: VOC TPH-4.1G	
Sample Preservation: HCl HNO3	
Decon Fluids Used:	
Sample Bottle ID's: B.V-21-51-MW219	
Sample Personnel: CDS / DB	

1+3

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-218	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny 45°
Gauge Date:	10-7-02	Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:		Well Diameter:	
Purge Date:	10-9-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS / DB
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):	>50'	Well Volume/ft (L):	
Depth to Water (ft):		Well Volume (L):	
Liquid Depth (ft):	ND	Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	0855	35.42	100	10.40	1.42	4.13	-164	6.09	484
1	0900	37.00	100	10.26	1.37	1.54	-212	6.24	366
2	0905	37.85	100	10.41	1.30	1.11	-225	6.25	200
3	0910	38.31	<100	11.17	1.26	1.02	-214	6.28	160
4	0915	39.21	<100	12.86	1.23	1.28	-196	6.35	86.6
5	0920	39.34	<100	13.01	1.23	1.81	-183	6.40	76.3
6	0925	39.35	<100	12.98	1.23	2.04	-172	6.41	72.9
7	0930	39.72	<100	13.30	1.26	1.93	-172	6.48	55.7
8	0935	39.67	<100	13.02	1.28	2.01	-175	6.52	56.5
9	0940	39.65	<100	13.07	1.26	1.89	-170	6.53	58.5
10	0945	39.66	<100	13.51	1.27	1.84	-170	6.56	56.6
11	0950	39.65	<100	13.53	1.29	2.10	-170	6.58	52.9
12	0955	39.63	<100	13.37	1.30	1.88	-167	6.58	53.1
13	1000	39.62	<100	13.51	1.30	1.89	-165	6.58	53.2
14	1005	39.60	<100	13.58	1.32	1.88	-166	6.58	53.1
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-9-02
Sampling Time (Start / End)	1005
Sample Type:	GW
Total Amount of Water Removed:	≈2 gal
Sample Parameters:	VOC [illegible]
Sample Preservation:	4°C HCl
Decon Fluids Used:	
Sample Bottle ID's:	BN-21-S1-MW218
Sample Personnel:	CDS / DB

Comments:

Turbidity / Stabe @ 53 NTU

Sample @ 1005

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-2101
Well Lock Status: Good
Well Condition: Good
Weather: Sunny / 55°

Gauge Date:
Gauge Time:
Sounding Method:
Measurement Ref:
Stick Up / Down:
Well Diameter:

Purge Date: 10-8-02
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: CDS / DB
Ambient Air VOC's (ppm) ND
Well Mouth VOC's (ppm) ND

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft):
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1225	13.00	~~B~~ 150	15.34	0.302	9.36	271	5.14	40.2
1	1230	13.11	150	14.88	0.290	9.20	269	5.14	23.0
2	1235	13.09	150	15.27	0.289	8.73	268	5.14	14.1
3	1240	13.06	150	16.42	0.291	8.42	271	5.13	8.7
4	1245	13.07	150	17.11	0.298	8.25	274	5.10	9.2
5	1250	13.07	150	17.12	0.297	8.19	275	5.13	8.3
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10-8-02
Sampling Time (Start / End) 1250
Sample Type: Grab
Total Amount of Water Removed: 900 ml
Sample Parameters: VOC / NO MI
Sample Preservation: N-L HNO3
Decon Fluids Used: Liquinox / DI water
Sample Bottle ID's: BN-21-51 MW2101
Sample Personnel: CDS / DB

Comments:

1+3

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-240	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny / 50°
Gauge Date:	10-7-02	Gauge Time:	
Sounding Method:	Liquid Probe	Measurement Ref:	
Stick Up / Down:	↑	Well Diameter:	
Purge Date:	10-9-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS / DB
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	—
Depth to Water (ft):	31.19'	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	—

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1115	31.19	100	10.75	0.089 m/sm	10.48 ~~SH~~	109	6.00	~~60~~.7
1	1120	31.24	100	10.79	0.080 m/sm	10.67 ~~SH~~	139	5.54	53.5
2	1125	31.25	100	11.70	.079 m/sm	10.44 ~~SH~~	143	5.48	53.2
3	1130	31.24	100	13.71	.078 m/sm	10.66 ~~SH~~	145	5.45	50.6
4	1135	31.23	100	15.39	.077 m/sm	10.55 ~~SH~~	144	5.44	45.9
5	1140	31.21	100	16.06	.077 m/sm	10.74 ~~SH~~	145	5.43	47.3
6	1145	31.21	100	16.29	.081 m/sm	10.45 ~~SH~~	145	5.42	64.7
7	1150	31.21	100	16.42	.083 m/sm	10.17 ~~SH~~	147	5.42	62.9
8	1155	31.23	100	16.62	.085 m/sm	9.69 ~~SH~~	150	5.42	57.6
9	1200	31.22	100	16.84	.087 m/sm	9.47 ~~SH~~	151	5.42	52.0
10	1205	31.21	100	17.04	.089 m/sm	9.14 ~~SH~~	153	5.40	45.3
11	1210	31.22	100	17.16	.090 m/sm	8.94 ~~SH~~	154	5.41	~~70~~ 45.2
12	1215	31.20	100	17.45	.090 m/sm	8.98	154	5.41	45.8
13	1220	31.20	100	17.70	.091 m/sm	8.90	155	5.41	45.7
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-9-02
Sampling Time (Start / End)	1220
Sample Type:	Grab
Total Amount of Water Removed:	3 gal
Sample Parameters:	VOC Metals
Sample Preservation:	
Decon Fluids Used:	
Sample Bottle ID's:	B6-21-51-MW240
Sample Personnel:	CDS / DB

Comments:

Turbidity Spike @ 45 so sample

1+3

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-217B
Well Lock Status: Good
Well Condition: Good
Weather: Sunny / 62°

Gauge Date:
Gauge Time:
Sounding Method:
Measurement Ref:
Stick Up / Down:
Well Diameter:

Purge Date: 10-8-02
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: CDS / DB
Ambient Air VOC's (ppm) ND
Well Mouth VOC's (ppm) ND

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft):
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1355	29.67	NA	18.64	0.038	3.56 g/L	149.4	6.03	NA
1	1420	30.50	<100	13.11	1.40	4.37 g/L	-56	5.79	999
2	1425	30.02	<100	12.76	1.38	2.56 g/L	-62	5.82	999
3	1430	30.12	<100	14.00	1.40	3.87 g/L	-62	5.86	439
4	1435	30.37	<100	20.20	1.52	1.95 g/L	-81	5.90	702
5	1440	30.55	<100	23.13	1.56	1.61 g/L	-92	5.93	605.2
6	1445	30.65	<100	25.46	1.61	1.75 g/L	-102	5.93	268.0
7	1450	30.72	<100	23.41	1.61	1.89 g/L	-102	5.93	151.0
8	1455	30.73	<100	22.04	1.63	2.07 g/L	-104	5.93	140.0
9	1500	30.66	<100	21.60	1.65	1.67 g/L	-105	5.93	126.0
10	1505	30.72	<100	21.33	1.66	1.89 g/L	-107	5.93	135.0
11	1510	30.75	<100	20.85	1.71	1.89 g/L	-108	5.94	148.0
12	1515	30.74	<100	21.24	1.72	1.88 g/L	-110	5.94	150.0
13	1520	30.78	<100	21.17	1.74	1.62 g/L	-112	5.95	166.0
14	1525	30.82	<100	20.02	1.75	1.38 g/L	-113	5.95	199.0
15	1530	30.90	<100	19.44	1.78	1.52 g/L	-115	5.96	96.3
16	1535	30.91	<100	19.52	1.79	1.38 g/L	-116	5.96	80.3
17	1540	30.86	<100	20.27	1.80	1.62 g/L	-119	5.96	80.2
18	1545	30.83	<100	20.59	1.85	1.95 g/L	-121	5.97	74.5
19	1550	30.85	<100	20.71	1.88	1.85 g/L	-122	5.97	74.3
20	1555	30.90	<100	20.90	1.93	1.57 g/L	-123	5.97	75.7
21	1600	30.84	<100	20.90	1.93	1.43 g/L	-124	5.98	73.1
22	1605	30.82	<100	20.77	1.94	1.51 g/L	-124	5.98	71.1
23	1610	30.89	<100	20.75	1.95	2.20 g/L	-125	5.98	71.8
24	1615	30.90	<100	20.72	1.97	1.72 g/L	-126	5.98	71.7
25	1620	30.90	<100	20.31	1.95	1.78 g/L	-125	5.98	72.1

Sampling Date: 10-8-02
Sampling Time (Start / End) 1620
Sample Type: GW
Total Amount of Water Removed: 4 gal
Sample Parameters: VOC TCL, SVOC, TAL
Sample Preservation: HCl None
Decon Fluids Used:
Sample Bottle ID's: BN-21-51 - MW-217B / BN-21-51 - DF217BD
Sample Personnel: CDS / DB

Comments:

-3

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-204	Well Lock Status:	Good
Well Condition:	Good	Weather:	Partly Sunny 50°
Gauge Date:	10-9-02	Gauge Time:	
Sounding Method:	Liquid Level	Measurement Ref:	MWK TOC
Stick Up / Down:	↑	Well Diameter:	2"
Purge Date:	10-9-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS/DB
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	
Depth to Water (ft):		Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time ___ (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1340	30.00	100	11.38	0.045	12.80	141	5.60	60.3
1	1345	30.00	100	11.01	0.043	11.80	142	5.60	34.8
2	1350	30.00	100	10.83	0.042	11.21	141	5.62	31.9
3	1355	30.00	100	12.14	0.043	11.13	138	5.65	26.4
4	1400	30.00	100	12.92	0.042	11.09	138	5.66	21.9
5	1405	30.00	100	13.01	0.043	11.28	140	5.68	21.9
6	1410	30.00	100	12.75	0.042	11.44	138	5.69	21.5
7	1415	30.00	100	12.21	0.041	11.58	137	5.69	21.5
8	1420	30.01	100	12.23	0.040	11.41	138	5.69	21.6
9	1425	30.01	100	12.30	0.040	11.41	138	5.69	21.4
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-9-02
Sampling Time (Start / End)	1425
Sample Type:	GW
Total Amount of Water Removed:	≈22 gal
Sample Parameters:	VOC TAL metals
Sample Preservation:	HCl HNO3
Decon Fluids Used:	
Sample Bottle ID's:	RN-21-S1-MW204
Sample Personnel:	CDS/DB

Comments:

turbidity stable @ 21 NTU

sample @ 1425

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-203 / Dup / MS-MSD	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny 48°
Gauge Date:	10-7-02	Gauge Time:	
Sounding Method:	Water level	Measurement Ref:	
Stick Up / Down:	↑	Well Diameter:	
Purge Date:	10-9-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS / DB
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	
Depth to Water (ft):		Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1020	31.83	100	10.76	.692 mS/m	11.28 s/L	52	6.04	59.1
1	1025	31.86	100	10.81	.699 mS/m	8.21 s/L	74	5.78	33.4
2	1030	31.86	100	11.35	.593 mS/m	8.03 s/L	96	5.64	27.1
3	1035	31.86	100	14.92	.584 mS/m	8.14 s/L	102	5.61	5.4
4	1040	31.86	100	16.08	.541 mS/m	8.29 s/L	108	5.61	4.4
5	1045	31.86	100	16.58	.589 mS/m	8.15 s/L	112	5.60	9.5
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date:	10-09-02
Sampling Time (Start / End)	1045
Sample Type:	Grab
Total Amount of Water Removed:	≈ 15 L
Sample Parameters:	VOC, Total Metals
Sample Preservation:	HCl, HNO_3
Decon Fluids Used:	
Sample Bottle ID's:	BW-21-S1-MW203
Sample Personnel:	CDS / DB

Comments:

Dup BW-21-S1-DX1 1045

MS-MSD BW-21-S1-MW203 1045

1+3

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-202A	Well Lock Status: Good
Well Condition: Good	Weather: Sunny 60°F
Gauge Date: 10-7-02	Gauge Time:
Sounding Method:	Measurement Ref:
Stick Up / Down:	Well Diameter:
Purge Date: 10-8-02	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: CDS / DB
Ambient Air VOC's (ppm) ND	Well Mouth VOC's (ppm) ND
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft):	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1300	31.32	150	12.77	0.137	5.80	100	5.18	76.2
1	1315	31.56	150	11.72	0.130	2.18	149	5.36	34.5
2	1320	31.62	150	12.87	0.126	1.61	175	5.36	24.3
3	1325	31.62	150	14.62	0.127	1.38	184	5.33	8.9
4	1330	31.62	150	15.33	0.128	1.38	190	5.33	9.6
5	1335	31.64	150	15.48	0.129	1.35	193	5.33	7.6
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10-8-02	Comments:
Sampling Time (Start / End) 1335	
Sample Type: Grab GW	
Total Amount of Water Removed: 900 ml	
Sample Parameters: VOC / Metals	
Sample Preservation: HCL / HNO_3	
Decon Fluids Used:	
Sample Bottle ID's: BN-21-51-MW202A	
Sample Personnel: CDS / DB	

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: GWETS EFFLUENT
Well Lock Status: NA
Well Condition: N
Weather:

Gauge Date:
Gauge Time:
Sounding Method: NA
Measurement Ref: NA
Stick Up / Down:
Well Diameter:

Purge Date:
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: MAC
Ambient Air VOC's (ppm) NA
Well Mouth VOC's (ppm)

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft):
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1605	—	—	10.55	137	9.92	104	7.03	<0.1
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10/16/02
Sampling Time (Start / End) 1605
Sample Type: Grab
Total Amount of Water Removed:
Sample Parameters: VOC
Sample Preservation: HCL
Decon Fluids Used:
Sample Bottle ID's: BN-21-EF-TP1FF
Sample Personnel:

Comments:

E.P

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: GWETS Influent	Well Lock Status: NA
Well Condition: NA	Weather: NA
Gauge Date:	Gauge Time:
Sounding Method: NA	Measurement Ref: NA
Stick Up / Down:	Well Diameter:
Purge Date:	Purge Time:
Purge Method: Low - Flow Purge NA	Field Personnel: MRC
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft):	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1600	—	—	10.52	140	5.33	96	6.40	<0.1
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10/16/05	Comments:
Sampling Time (Start / End) 1600	
Sample Type: Grab	
Total Amount of Water Removed: —	
Sample Parameters: VOC	
Sample Preservation: HCL	
Decon Fluids Used:	
Sample Bottle ID's: BN-SI-GR-IP-105	

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-231B
Well Lock Status: Good
Well Condition: Good
Weather: clear, cold, calm

Gauge Date: 10/15/02
Gauge Time: 1040
Sounding Method: slope indicator
Measurement Ref: TOC
Stick Up / Down: Up
Well Diameter: 2"

Purge Date: 10/15/02
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: PP/MAC
Ambient Air VOC's (ppm)
Well Mouth VOC's (ppm)

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft): 26.86
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1155	26.86	—	7.37	41	11.25	224	5.84	—
1	1205	26.35	~~8.84~~ .2	8.86	34	11.21	218	6.05	117
2	1210	26.01	.1 ~~.2~~	8.86	34	11.10	219	5.94	87
3	1215	26.01	.1	8.94	39	10.95	217	5.94	73
4	1220	25.98	<.1	9.55	39	10.93	214	5.98	75
5	1225	25.96	<.1	10.89	40	10.88	214	5.95	79
6	1230	25.94	<.1	10.67	41	10.84	214	5.98	106
7	1235	26.01	.1	11.75	45	10.61	210	6.00	68
8	1240	26.06	.1	13.08	42	10.28	207	6.03	57
9	1245	26.01	.1	14.57	45	10.05	202	6.08	69
10	1250	26.11	.1	15.54	53	10.03	199	6.11	55
11	1255	25.98	<.1	16.33	52	9.99	196	6.13	41
12	1300	26.06	.1	16.42	52	10.01	196	6.12	37
13	1305	25.95	.1	16.47	52	9.93	197	6.12	33
14	1310	26.02	.1	16.27	52	10.04	193	6.10	32
15	1315	26.00	.1	16.05	52	10.01	188	6.08	30
16	1320	26.02	<.1	~~16.05~~ 15.95	53	9.86	187	6.08	37
17	1325	25.91	<.1	16.05	53	9.85	185	6.08	39
18	1330	25.90	<.1	15.96	55	9.79	187	6.09	31
19	1335	25.96	<.1	15.87	54	9.77	186	6.08	25
20	1340	25.97	<.1	15.89	53	9.80	187	6.06	24
21	1345	26.10	<.1	16.07	54	9.69	187	6.05	23
22	1350	26.08	<.1	18.07	57	9.51	189	6.10	23
23	1400	26.12	<.1	18.78	55	9.70	182	6.15	30
24	1405	26.12	<.1	18.55	55	9.98	182	6.15	20
25	1405	26.10	<.1	18.39	54	10.02	184	6.12	11

Sampling Date: 10/15/02
Sampling Time (Start / End)
Sample Type: Grab
Total Amount of Water Removed:
Sample Parameters: VOC
Sample Preservation: HCl
Decon Fluids Used: —
Sample Bottle ID's: BN-21-EP-MW231B @ 1407
Sample Personnel: MAC/PP

Comments:
BN-21-EP-DS231BS @ 1045
DS231BM @ 1047
DS231BD @ 1050

Conductivity acting up

DB

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-313	Well Lock Status: Locked
Well Condition: Good	Weather: cloudy, cold, calm
Gauge Date: 10/16/02	Gauge Time: 0910
Sounding Method: slope indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 2"
Purge Date: 10/16/02	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: MC/CES
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 7.041	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

	Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
DB	Start	0922	7.04	—	7.60	205	1.67	175	7.78	—
	1	0935	7.48	200	9.36	122	3.95	76	7.39	45
	2	0940	8.17	200	8.74	135	0.70	-24	7.30	192
	3	0945	8.14	200	9.44	149	0.36	-91.6	7.45	289
	4	0950	8.14	200	10.01	161	0.30	-120.8	7.58	384
	5	0955	8.14	200	10.20	176	0.36	-133.9	7.65	428
	6	1000	8.14	200	10.25	177	0.30	-139.1	7.67	398
	7	1005	8.14	200	10.28	177	0.33	-139.7	7.67	360
	8	1010	8.14	200	10.40	177	0.34	-137.7	7.66	304
	9	1015	8.14	200	10.53	177	0.35	-134.7	7.66	282
	10	1020	8.14	200	10.67	177	0.38	-133.1	7.65	287
	11	1025	8.14	200	10.79	176	0.41	-132.0	7.65	231
	12	1030	8.14	200	10.85	175	0.47	-127.4	7.65	200
	13	1035	8.14	200	10.97	173	0.46	-124	7.63	138
*	14	1040	8.14	200	11.86	83	3.52	-99	7.56	122
	15	1045	8.14	200	12.03	92	0.76	-121	7.57	119
	16	1050	8.14	200	11.97	88	0.48	-124	7.57	106
	17	1055	8.14	200	11.94	87	0.43	-128	7.56	99
	18	1100	8.14	200	12.00	87	0.40	-128	7.55	91
	19	1105	8.20	200	12.06	87	0.41	-126	7.55	91
	20	1110	8.20	200	12.10	87	0.40	-126	7.54	89
	21	1115	8.20	200	12.10	87	0.41	-126	7.53	65
	22	1120	8.20	200	12.13	87	0.40	-127	7.52	70
	23	1125	8.22	200	12.16	86	0.39	-122	7.52	65
	24	1130	8.22	200	12.19	86	0.38	-119	7.52	63
	25	1135	8.22	200	12.21	86	0.39	-118	7.50	43

Sampling Date: 10/16/02	Comments:
Sampling Time (Start / End) 1137	BN-21-EP-DS313S @ 0910
Sample Type: Grab	DS313M @ 0912
Total Amount of Water Removed:	DS313D @ 0915
Sample Parameters: VOC	~~BN-21-EP-DS313D dupe on shallow~~
Sample Preservation: HCL	No Dupe collected
Decon Fluids Used: —	* Dumped cell
Sample Bottle ID's: BN-21-EP-MW313	
Sample Personnel: MAC/CES	

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-318	Well Lock Status: Good
Well Condition: Good	Weather: Clear, Calm, Cold
Gauge Date: 10/15/02	Gauge Time: 1530
Sounding Method: Slope indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 2"
Purge Date: 10/15/02	Purge Time: 1540
Purge Method: Low - Flow Purge	Field Personnel: FP/ MAC
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 6.58	Well Volume (L):
Liquid Depth (ft): –	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1532	6.58	—	8.88	89	0.36	-194	7.54	—
1	1540	6.58	.2	12.61	46	5.58	36	7.18	52
2	1545	6.82	.2	11.25	56	1.97	30	7.03	127
3	1550	6.81	.2	13.63	55	2.51	38	6.84	71
4	1555	6.81	.3	14.62	52	4.46	62	6.62	40
5	1600	6.82	.3	14.97	49	5.30	77	6.46	32
6	1605	6.82	.3	14.96	44	5.81	90	6.33	22
7	1610	6.81	.3	15.04	44	5.93	101	6.24	18
8	1615	6.81	.3	15.06	43	6.01	107	6.21	14
9	1620	6.81	.3	15.03	41	6.14	111	6.14	11
10	1625								
11									
12									
13									
14									
15									
16									
17									
18									
19									
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21									
22									
23									
24									
25									

Sampling Date: 10/15/02	Comments:
Sampling Time (Start / End) 1630	BN-21-EP-DS318 S @ 1525
Sample Type: Grab	M 1527
Total Amount of Water Removed:	D 1529
Sample Parameters: VOC	
Sample Preservation: HCL	BN21-EP-MW318 @
Decon Fluids Used: —	
Sample Bottle ID's: BN21-EP-MW318	

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-1104	Well Lock Status: Good
Well Condition: Good	Weather: Clear/Cool/breezy
Gauge Date: 10/8/02	Gauge Time: 1423
Sounding Method: Slope indicator	Measurement Ref: TOC
Stick Up / Down: S/U	Well Diameter: 2"
Purge Date: 10/8/02	Purge Time: 1456
Purge Method: Low - Flow Purge	Field Personnel: PP/MAC
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 8.74'	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity* (NTU)
Start	1456	8.76	.2	16.19	120	1.89	127	6.01	71
1	1500	8.72	.2	15.72	118	1.37	130	5.95	83
2	1505	8.75	.2	15.59	115	0.74	118	5.91	104
3	1510	8.77	~~.2~~ .1	16.12	116	0.85	126	5.91	87
4	1515	8.75	.1	16.72	116	0.74	126	5.91	94
5	1520	8.75	.1	18.33	117	1.12	125	5.89	51
6	1525	8.75	.1	19.10	118	0.84	123	5.90	40
7	1530	8.76	.1	19.18	120	0.55	120.	5.85	41.2
8	1535	8.76	.1	19.49	117	0.49	118	5.84	37
9	1540	8.76	.1	19.67	117	0.46	116	5.82	18
10	1545	8.76	.1	19.70	117	0.46	114	5.82	16
11	1550	8.76	.1	19.72	117	0.44	113	5.80	16
12	1555	8.76	.1	19.76	117	0.45	112	5.79	12
13	1600	8.76	.1	19.80	117	0.44	111	5.79	10
14	1603	8.76	.1	19.87	117	0.44	110	5.75	10
15	1606	8.76	.1	19.97	117	0.44	110	5.77	9.8
16	1609	8.76	.1	20.00	117	0.43	109	5.77	10.0
17									
18									
19									
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21									
22									
23									
24									
25									

Sampling Date: 10/08/02	Comments:
Sampling Time (Start / End)	BN-21-EP-DS-1104 - SP 1430
Sample Type: Grab	- MP 1430
Total Amount of Water Removed:	BN-21-EP-MW1104 - DP
Sample Parameters: VOC	Sampletime: 14
Sample Preservation: HCL	*Handheld TU meter 1412
Decon Fluids Used: –	
Sample Bottle ID's: ~~BN-EP~~ BN-21-EP-1104	

~~*Hand held TU meter~~

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-207AR	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny 50°
Gauge Date:		Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:		Well Diameter:	2"
Purge Date:	10-14-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS PAID
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):	pump	Well Volume/ft (L):	
Depth to Water (ft):	0.71	Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1230	0.71	500	8.90	0.137	9.40	~~9.97~~ 169	5.40	288
1	1235	2.94	500	9.07	0.140	1.78	108	5.59	63.8
2	1240	2.98	500	9.19	0.140	1.05	88	5.65	44.1
3	1245	2.98	500	9.25	0.142	0.79	68	5.73	38.8
4	1250	2.98	500	9.27	0.142	0.74	53	5.78	38.2
5	1255	3.02	500	9.28	0.145	0.66	37	5.83	381.0
6	1300	3.02	500	9.30	0.146	0.62	19	5.87	507
7	1305	3.02	500	9.32	0.146	0.62	10	5.90	407
8	1310	3.02	500	9.34	0.146	0.59	2	5.93	281
9	1315	3.02	500	9.39	0.146	0.57	-5	5.96	375
10	1320	3.00	500	9.48	0.147	0.56	-12	5.99	413
11	1325	2.98	500	9.51	0.147	0.57	-16	6.01	447
12	1330	2.97	500	9.53	0.147	0.54	-20	6.03	487
13	1335	2.94	500	9.55	0.147	0.57	-24	6.04	602
14	1340	2.88	500	9.58	0.147	0.56	-30	6.06	652
15	1345	2.83	500	9.60	0.147	0.55	-32	6.07	612
16	1350	2.83	500	9.62	0.147	0.55	-33	6.05	603
17	1355	2.89	500	9.64	0.147	0.54	-35	6.09	528
18	1400	2.84	500	9.600	0.147	0.55	-37	6.10	502
19	1405	2.81	500	9.67	0.147	0.57	-40	6.11	420
20	1410	2.83	500	9.68	0.147	0.55	-41	6.12	381
21	1415	2.83	500	9.68	0.147	0.55	-43	6.13	327
22	1420	2.82	500	9.71	0.147	0.55	-46	6.14	267
23	1425	2.82	500	9.73	0.147	0.54	-47	6.15	237
24	1430		500	9.72	0.147	0.54	-48	6.16	228
25	1435								

Sampling Date:	Comments:
Sampling Time (Start / End) 1430	Sample # BW-31-EP-MW-207A 1435
Sample Type:	
Total Amount of Water Removed:	
Sample Parameters:	
Sample Preservation:	
Decon Fluids Used:	
Sample Bottle ID's:	
Sample Personnel:	

P Q as low as possible Due to Pump Rate

E P

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-225A PDB MS/MSD	Well Lock Status:	Good
Well Condition:	Good	Weather:	OVERCAST 39°
Gauge Date:	~~10-16-02~~	Gauge Time:	
Sounding Method:	Slope Indicator	Measurement Ref:	MPVC
Stick Up / Down:	↑	Well Diameter:	2"
Purge Date:	10-16-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS PMP
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	—
Depth to Water (ft):	19.19	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	—

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temper-ature (C)	Conduc-tivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	0900	19.19	~~9.82~~	9.82	113.00	6.52	192.7	~~5.25~~	—
1	0925	19.22	100	10.01	134	11.90	185	5.50	32.2
2	0930	19.22	100	9.63	126	11.23	179	5.65	18.9
3	0935	19.21	100	9.24	128	7.12	206	5.64	66.8
4	0940	19.20	100	9.27	132	5.76	196	5.65	91.7
5	0945	19.19	100	9.25	132	4.79	181	5.66	89.4
6	0950	19.20	100	9.58	136	4.21	161	5.67	45.1
7	0955	19.21	100	9.81	~~147~~ 136	3.96	147	5.67	31.2
8	1000	19.21	100	10.01	136	3.89	140	5.67	39.2
9	1005	19.20	100	10.18	135	3.74	136	5.67	33.5
10	1010	19.20	100	10.29	134	3.76	134	5.67	27.4
11	1015	19.21	100	10.37	133	3.74	133	5.67	24.5
12	1020	19.21	100	10.43	133	3.69	131	5.67	21.2
13	1025	19.21	100	10.55	133	3.64	130	5.67	16.7
14	1030	19.21	100	10.61	133	3.58	129	5.67	10.9
15	1035	19.21	100	10.61	133	3.57	129	5.68	10.5
16	1040	19.21	100	10.70	133	3.55	129	5.68	10.8
17	~~1045~~								
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20									
21									
22									
23									
24									
25									

Sampling Date:	10-16-02
Sampling Time (Start / End)	1040
Sample Type:	GW
Total Amount of Water Removed:	
Sample Parameters:	VOC
Sample Preservation:	HCl
Decon Fluids Used:	
Sample Bottle ID's:	Bx 21 EP-DS225AS MS/MSD @ 1040
Sample Personnel:	CDS

Comments:
PDB
Bx 21 EP-DS225AS MS/MSD 0900
DS225AD
DS225AD
DS225AD
MS

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW 230A	Well Lock Status:	Good
Well Condition:	Good	Weather:	Sunny 40°
Gauge Date:	—	Gauge Time:	—
Sounding Method:	WL	Measurement Ref:	—
Stick Up / Down:	4	Well Diameter:	2"
Purge Date:		Purge Time:	1510
Purge Method:	Low - Flow Purge	Field Personnel:	CDS CMS
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	—
Depth to Water (ft):	15.84	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	—

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity ~~(umhos/cm)~~	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
PDB Start	1450	15.70	—	8.55	61.00	4.42	44.2	7.15	—
1	1510	15.84	100	9.59	0.082	10.63	194	5.41	17.2
2	1515	15.89	100	9.12	0.085	7.00	120	5.60	14.3
3	1520	15.88	100	9.68	0.098	2.05	-30	5.53	65.8
4	1525	15.92	100	9.05	0.098	1.42	-76	5.56	58.4
5	1530	15.93	100	9.23	0.097	1.46	-93	5.57	57.1
6	1535	15.92	100	9.36	0.098	1.14	-108	5.75	42.2
7	1540	15.92	100	9.49	0.097	1.08	-118	5.59	33.7
8	1545	15.87	100	9.54	0.095	—	-110	6.06	31.6
9	1550	15.82	100	9.64	0.095	2.33	-123	6.08	29.1
10	1555	15.82	100	9.74	0.095	1.66	-130	6.12	22.9
11	1600	15.82	100	9.72	0.095	1.34	-133	6.15	27.5
12	1605	15.85	100	9.51	0.096	1.33	-136	6.16	29.5
13	1610	15.83	100	9.14	0.097	1.41	-137	6.17	30.2
14	1615	15.83	100	9.15	0.099	1.40	-138	6.18	~~29.7~~ 19.7
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21									
22									
23									
24									
25									

Sampling Date:	10-15-02
Sampling Time (Start / End)	1615
Sample Type:	GW
Total Amount of Water Removed:	6 gal
Sample Parameters:	VOC
Sample Preservation:	HCL
Decon Fluids Used:	—
Sample Bottle ID's:	BN-21-EP-MW230A
Sample Personnel:	CDS / CMS

Comments:

PDB

BN-21-EP-DS230-S 1450
" DS230+D1455
" DS230+D1500

Dup BN-21-EP-MW230-D

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	Good MW-231A	Well Lock Status:	Good
Well Condition:	Good	Weather:	Clear, cold, calm
Gauge Date:	10/15/02	Gauge Time:	0915
Sounding Method:	Slope Indicator	Measurement Ref:	TOC
Stick Up / Down:	ilp	Well Diameter:	2"
Purge Date:	10/15/02	Purge Time:	0945
Purge Method:	Low - Flow Purge	Field Personnel:	PP/MAC
Ambient Air VOC's (ppm)		Well Mouth VOC's (ppm)	
Well Depth (ft):		Well Volume/ft (L):	
Depth to Water (ft):	21.73	Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	0930	21.73	—	7.33	35	10.02	237	6.58	—
1	0945	21.75	.2	7.23	0	12.09	271	6.51	11
2	0950	21.77	.2	7.94	38	8.99	229	6.31	99
3	0955	21.83	.2	8.29	37	9.20	229	6.30	132
4	1000	21.82	.2	8.79	37	9.17	226	6.29	128
5	1005	21.82	.2	9.37	37	9.17	225	6.26	137
6	1010	21.86	.2	9.85	38	9.33	226	6.22	142
7	1015	21.86	.2	10.24	35	9.29	225	6.21	144
8	1020	21.85	.2	10.41	38	9.40	224	6.24	151
9	1025	21.86	.2	10.58	38	9.50	225	6.19	114
10	1030	21.86	.2	10.75	38	9.46	226	6.20	103
11	1035	21.86	.2	10.87	38	9.37	223	6.20	109
12	1040	21.86	.2	10.94	37	9.41	223	6.19	106
13	1045	21.86	.2	11.03	37	9.40	223	6.18	114
14	1050	21.88	.2	11.23	39	9.23	221	6.19	126
15	1055	21.88	.2	11.30	39	9.30	219	6.21	134
16	1100	21.88	.2	11.35	38	9.29	218	6.21	96
17	1105	21.88	.2	11.37	38	9.34	217	6.22	107
18	1110	21.88	.2	11.47	39	9.32	216	6.22	120
19	1115	21.88	.2	11.52	39	9.36	214	6.20	91
20	1120	21.86	.2	11.61	39	9.32	212	6.21	96
21	1125	21.83	.2	11.60	38	9.35	212	6.22	88
22	1130	21.83	.2	11.68	39	9.38	210	6.22	85
23	1135	21.83	.2	11.72	39	9.38	210	6.20	81
24	1140	21.83	.2	11.76	39	9.35	207	6.20	81
25	1145		.2	11.71	40	9.38	207	6.22	81

'OB

empty cell

Sampling Date:	10/15/02	MAC
Sampling Time (Start / End)	~~1130~~	1147
Sample Type:	Grab	
Total Amount of Water Removed:		
Sample Parameters:	VOC	
Sample Preservation:	HCL	
Decon Fluids Used:	—	
Sample Bottle ID's:	BN-21-EP-MW231A	
Sample Personnel:	MAC/PP	

Comments:
BN-21-EP-DS231AS-0920
DS231AM-0922
DS231AD 0924

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-303
Well Lock Status: Good
Well Condition: Good
Weather: Clear/Calm/cold

Gauge Date: 10/9/02
Gauge Time: 0955
Sounding Method: slope indicator
Measurement Ref: TOC
Stick Up / Down: up
Well Diameter: 2"

Purge Date: 10/9/02
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: MAC/PP
Ambient Air VOC's (ppm)
Well Mouth VOC's (ppm)

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft): 12.99
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity * (NTU)
1st v Start	1029	12.99	—	7.45	133	1.39	-65	7.48	—
1	1045	12.51	.1	8.59	129	4.26	266	7.59	8.5
2	1050	12.52	.1	8.23	127	2.38	216	7.58	5.9
3	1055	12.53	.1	8.34	127	1.50	175	7.62	16.1
4	1100	12.53	.1	8.51	136	1.4734	149	7.70	21.0
5	1105	12.53	.1	8.34	136	1.43	119	7.75	22.4
6	1110	12.53	.1	8.43	137	1.12	104	7.78	—
7	1115	12.53	.1	8.50	138	1.18	99	7.79	—
8	1120	12.53	.1	8.61	138	1.09	87	7.81	—
9	1125	12.53	.1	8.67	139	1.02	75	7.83	—
10	1130	12.52	.1	8.72	139	0.96	65	7.84	—
11	1135	12.52	.1	8.77	139	0.98	54	7.86	—
12	1140	12.53	.1	8.77	139	0.77	44	7.87	—
13	1145	12.52	.1	8.88	140	0.72	31	7.88	2.6
14	1150	12.52	.1	8.96	140	0.69	25	7.88	2.6
15	1155	12.53	.1	9.07	140	0.59	20	7.89	1.2
16	1200	12.53	.1	9.14	140	0.90	20	7.89	2.5
17	1203	12.53	.1	9.25	141	1.03	17	7.90	1.4
18	1206	12.53	.1	9.30	141	0.74	15	7.90	1.4
19	1209	12.52	.1	9.27	140	0.66	14	7.91	0.8
20	1212	12.52	.1	9.23	140	0.65	13	7.91	1.2
21	1215	1252	.1	9.22	140	0.67	13	7.91	—
22									
23									
24									
25									

* equipt. flo all

Sampling Date: 10/9/02
Sampling Time (Start / End) 1220
Sample Type: Grab
Total Amount of Water Removed:
Sample Parameters: VOC
Sample Preservation: HCL
Decon Fluids Used: N/A
Sample Bottle ID's: BN-21-EP-MW303
Sample Personnel: PP/MAC

Comments: BN-21-EP-DS 303
Deep - 1010
Medium - 1008
Shallow - 1006

* hand held turbidimeter

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-305	Well Lock Status: frozen - cut off
Well Condition: Good	Weather: cloudy/cool
Gauge Date: 10/9/02	Gauge Time: 1355
Sounding Method: slope indicator	Measurement Ref: TOC
Stick Up / Down: UP	Well Diameter: 2"
Purge Date: 10/9/02	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel:
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 13.60	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1355	13.60	—	7.70	95	1.14	55	8.60	—
1	1405	14.65	.1	9.47	95	2.32	125	8.17	
2	1410	15.70	.1	9.14	94	1.61	121	8.27	73.8
3	1415	15.72	.1	9.09	95	0.96	107	8.70	162
4	1420	15.89	.1	9.27	92	1.32	99	8.88	212
5	1425	15.89	.1	9.62	95	0.68	98	8.91	281
6	1430	15.89	.1	9.79	95	0.55	98	8.93	413
7	1435	15.89	.1	9.84	95	0.52	97	8.95	393
8	1440	15.89	.1	9.96	94	0.44	94	8.96	429
9	1450	15.89	.1	10.12	93	0.40	88	8.97	398
10	1500	15.94	.1	10.28	91	0.35	84	8.97	362
11	1510	15.97	.1	10.36	91	0.33	80	8.97	317
12	1520	15.91	.1	10.49	90	0.29	75	8.98	259
13	1530	15.94	.1	10.53	89	0.27	73	8.98	173
14	1540	15.95	.1	10.56	89	0.24	70	8.98	202
15	1550	15.95	.1	10.60	90	0.24	66	8.98	137
16	1600	15.95	.1	10.62	89	0.23	63	8.98	128
17	1605	15.95	.1	10.63	89	0.24	61	8.98	109
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10/9/02	Comments:
Sampling Time (Start / End)	BN-21-EP-DS-305-S @ 1340
Sample Type: Grab	M @ 1342
Total Amount of Water Removed:	D @ 1344
Sample Parameters:	
Sample Preservation: HCL	Switched to 10 MIN. intervals - TU
Decon Fluids Used: —	Not clearing up
Sample Bottle ID's: BN-21-EP-MW305	~~BN-21-EP-MW-305 @ 1608~~
Sample Personnel: MAC/PP	

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-330
Well Lock Status: OK
Well Condition: OK
Weather: cloudy, cool, calm

Gauge Date: 10/10/02
Gauge Time: 1600
Sounding Method: Stickup
Measurement Ref: TOC
Stick Up / Down: Slope indicator
Well Diameter: 2"

Purge Date: 10/10/02
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: DB/MAC
Ambient Air VOC's (ppm)
Well Mouth VOC's (ppm)

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft): 7.31'
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1610		—	8.44	60	0.870	-117	7.76	NA
1	1630	7.88	100	12.64	72	6.27	-4.3	7.49	16.6
2	1635	8.48	100	11.13	64	1.03	-68.1	7.59	370
3	1640	9.52	100	12.03	64	1.67	-69.2	7.63	303
4	1645	10.25	100	12.65	65	0.97	-87.8	7.68	232
5	1650	10.62	100	13.01	67	0.79	-94.7	7.71	212
6	1655	10.63	100	13.00	63	0.76	-98.5	7.70	173
7	1700	10.65	100	13.00	63	0.70	-91.9	7.69	167
8	1705	10.65	100	13.13	63	0.68	-88.7	7.67	163
9	1710	10.65	100	13.27	64	0.68	-86.1	7.65	179
10	1715	10.65	100	13.36	63	0.67	-84.1	7.64	206
11	1720	10.88	100	13.74	38	1.47	-78.9	7.62	158
12	1725	10.89	100	13.77	38	0.84	-89.0	7.57	DB ~~76~~ 176
13	1730	10.89	100	13.73	38	0.74	-93.6	7.59	159
14	1735	10.89	100	13.71	38	0.71	-95.7	7.60	196
15	1740	10.89	100	13.71	38	0.69	-96.7	7.57	199
16	1745	10.91	100	13.74	38	0.71	-96.1	7.56	172
17	1750	10.91	100	13.79	38	0.73	-95.6	7.57	160
18	1755	10.93	100	13.88	38	0.70	-94.4	7.56	143
19	1800	10.93	100	13.93	38	0.70	-93.6	7.54	133
20	1805	10.93	100	13.97	38	0.67	-93.1	7.55	133
21	1810	10.93	100	13.97	38	0.65	-93.0	7.53	125
22	1815	10.93	100	14.08	38	0.67	-86.9	7.51	168
23	1820	10.93	100	14.10	38	0.70	-86.2	7.51	136
24	1825	10.93	100	14.14	38	0.68	-88.0	7.50	122
25	1830	10.97	100	14.17	38	0.68	-87.5	7.50	101

Sampling Date:
Sampling Time (Start / End)
Sample Type:
Total Amount of Water Removed:
Sample Parameters:
Sample Preservation:
Decon Fluids Used:
Sample Bottle ID's:
Sample Personnel:

Comments:
DO readings questionable - bubble under membrane

Sample # BN-21-EP-MW330 @ 18:30

BN-21-DUEP-DS 209 @ 1605

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: MW-333	Well Lock Status: Good
Well Condition: Good	Weather: rainy, cold
Gauge Date: 10/16/02	Gauge Time: 1150
Sounding Method: Slope indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 2"
Purge Date: 10/16/02	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: MAC/CS
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 10.45	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	~~115~~ 1200	10.04	—	7.62	155	.58	-151	7.75	
1	1220	10.10	.2	9.08	100	5.49	4	7.07	34
2	1225	11.16	200	8.51	79	1.32	-69	7.35	82
3	1230	11.28	200	8.62	81	0.80	-109	7.40	65
4	1235	11.32	200	9.06	82	0.87	-125	7.59	66
5	1240	11.32	200	9.53	85	1.26	-127	7.58	55
6	1245	11.34	200	9.90	82	1.26	-129	7.61	45
7	1250	11.35	200	10.10	82	1.02	-127	7.60	38
8	1255	11.45	200	10.39	86	0.54	-111	7.54	26
9	1300	11.58	200	10.62	87	0.48	-123	7.53	19
10	1305	11.58	200	10.63	87	0.39	-131	7.53	17
11	1310	11.58	200	10.64	85	0.39	-139	7.53	15
12	1315	11.58	200	10.65	84	0.33	-143	7.50	15
13	1320	11.58	200	10.68	82	0.31	-145	7.48	15
14	1325	11.58	200	10.72	82	0.34	-145	7.49	13
15	1330	11.58	200	10.75	83	0.32	-146	7.49	13
16	1335	11.58	200	10.79	84	0.34	-146	7.50	12
17	1340	11.58	200	10.82	84	0.32	-146	7.52	13
18	1345	11.58	200	10.85	84	0.29	-148	7.49	13
19	1350	11.58	200	10.88	83	0.29	-148	7.48	12
20	1355	11.58	200	10.89	82	0.29	-148	7.49	11
21	1400	11.58	200	10.90	83	0.30	-149	7.46	10
22	1405	11.58	200	10.92	82	0.24	-149	7.49	9
23	1410	11.58	200	10.90	82	0.28	-150	7.49	10
24									
25									

Sampling Date:	Comments:
Sampling Time (Start / End)	BN21-EP-DS333S@1155
Sample Type:	DS333M@1157
Total Amount of Water Removed:	DS333D@1200
Sample Parameters:	BN-21-EP-DSXDH on shallow bag
Sample Preservation:	
Decon Fluids Used:	
Sample Bottle ID's:	
Sample Personnel:	

EP

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-334	Well Lock Status:	Good
Well Condition:	Good	Weather:	Cloudy, Cool 40°
Gauge Date:		Gauge Time:	
Sounding Method:	WL	Measurement Ref:	—
Stick Up / Down:	↑	Well Diameter:	2"
Purge Date:	10-16-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS BMD
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	—
Depth to Water (ft):	11.40	Well Volume (L):	—
Liquid Depth (ft):	ND	Three Well Volumes (L):	—

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1120	~~11.68~~ 11.68	—	6.67	131	0.16	134	7.21	—
1	1145	11.40	—	9.60	133	11.6	133	5.99	22
2	1150	12.28	—	9.52	138	5.53	77	6.69	540
3	1155	12.62	<100	11.64	133	8.18	-66	6.30	933
4	1200	12.99	<100	11.42	135	2.36	-106	6.41	999
5	1205	13.02	<100	11.67	135	1.35	-137	6.53	517
6	1210	13.03	<100	11.85	135	1.19	-150	6.59	433
7	1215	13.06	<100	11.98	135	1.24	-159	6.64	322
8	1220	13.07	<100	12.09	135	1.17	-166	6.70	233
9	1225	13.05	<100	12.18	134	1.11	-169	6.73	184
10	1230	13.07	<100	12.24	134	1.00	-172	6.76	149
11	1235	13.06	<100	12.33	134	1.03	-175	6.79	117
12	1240	13.07	<100	12.39	134	1.02	-176	6.81	100
13	1245	13.08	<100	12.48	134	.98	-179	6.84	79.0
14	1250	13.07	<100	12.52	134	.95	-180	6.86	69.4
15	1255	13.08	<100	12.60	134	.92	-182	6.85	58.9
16	1300	13.10	<100	12.63	134	.90	-183	6.89	49.4
17	1305	13.11	<100	12.67	134	.90	-185	6.91	41.8
18	1310	13.07	<100	12.66	135	.86	-186	6.92	38.3
19	1315	13.03	<100	12.64	135	.88	-188	6.93	34.0
20	1320	13.06	<100	12.64	135	.85	-188	6.94	33.9
21	1325	13.07	<100	12.67	135	.84	-189	6.95	31.5
22	1330	13.06	<100	12.72	135	.84	-189	6.96	29.7
23	1335	13.07	<100	12.75	135	.83	-190	6.97	23.4
24	1340	13.07	<100	12.76	135	.81	-190	6.97	22.2
25	1345	13.08	<100	12.77	135	.80	-190	6.99	20.8

Sampling Date:	10-16-02	Comments:	
Sampling Time (Start / End)	1345	PDB	BM-21-EP-DS1345 1120
Sample Type:	GW		DS1334M 1129
Total Amount of Water Removed:	—		DS1334D 1130
Sample Parameters:	VOC		DS4D5-Dup
Sample Preservation:	HCl		
Decon Fluids Used:	—		
Sample Bottle ID's:	BM-21-EP-MW334		
Sample Personnel:	CDS PMP		

Dup, BM-21-EP-~~MW334D~~ MW+D2

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME		Project Number:	2960047
Well ID:	MW-308	Well Lock Status:	Good
Well Condition:	Good	Weather:	OVERCAST ~~80~~ 55°
Gauge Date:	10-7-02	Gauge Time:	
Sounding Method:		Measurement Ref:	
Stick Up / Down:		Well Diameter:	2"
Purge Date:	10-10-02	Purge Time:	
Purge Method:	Low - Flow Purge	Field Personnel:	CDS PMP
Ambient Air VOC's (ppm)	ND	Well Mouth VOC's (ppm)	ND
Well Depth (ft):		Well Volume/ft (L):	
Depth to Water (ft):		Well Volume (L):	
Liquid Depth (ft):		Three Well Volumes (L):	

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity mS/cm ~~(umhos/cm)~~	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
PDB Start	1540	5.59	100	12.23	.93	6.00	18	5.88	27.1
1	1610	6.02	100	11.35	.95	4.36	-103	6.00	25.9
2	1615	6.03	100	11.10	.95	3.50	-125	6.12	27.9
3	1620	6.05	100	10.67	.95	1.49	-184	6.62	66.9
4	1625	5.89	100	10.95	.95	1.33	-193	6.77	79.2
5	1630	5.88	100	11.39	.94	1.27	-197	6.89	79.2
6	1635	5.87	100	11.52	.95	1.33	-203	6.99	159.
7	1640	5.86	100	11.55	.95	1.33	-222	7.06	142
8	1645	5.81	100	11.55	.95	1.30	-219	7.10	119.
9	1650	5.80	100	11.57	.95	1.29	-215	7.10	110
10	1655	5.85	100	11.56	.95	1.27	-207	7.11	88.7
11	1700	5.87	100	11.51	.96	1.14	-207	7.11	78.9
12	1705	5.88	100	11.50	.96	1.16	-205	7.12	63.2
13	1710	5.88	100	11.50	.96	1.15	-202	7.13	54.2
14	1715	5.84	100	11.50	0.96	1.12	-204	7.15	53.2
15	1720	5.85	100	11.44	0.96	0.96	-203	7.19	50.5
16	1725	5.90	100	11.46	0.96	0.96	-201	7.19	45.6
17	1730	5.88	100	11.43	0.96	0.88	-204	7.22	42.1
18	1735	5.90	100	11.43	0.96	0.87	-207	7.23	38.1
19	1740	5.96	100	11.44	0.96	0.84	-210	7.24	35.3
20	1745	5.90	100	11.43	0.96	0.82	-212	7.25	37.1
21	1750	5.90	100	11.42	0.96	0.78	-213	7.26	34.0
22	1755	5.90	100	11.42	0.96	0.76	-217	7.26	34.8
23	1800	5.90	100	11.42	0.96	0.75	-214	7.27	34.5
24	1805	5.90	100	11.42	0.96	0.74	-215	7.27	34.7
25	1810	5.91	100	11.42	0.96	0.76	-216	7.27	31.4

Sampling Date:	10-10-02	Comments:
Sampling Time (Start / End)		PDB S 1540
Sample Type:	GW	PDB M 1547
Total Amount of Water Removed:		PDB D 1550
Sample Parameters:	VOC	PDB XD1 (MS) 1547
Sample Preservation:	HCL	BN-21-EP-MW309 15 ms/msD
Decon Fluids Used:		BN-21-EP-MW-XD1
Sample Bottle ID's:	BN-21-EP-MW309	@ 1810
Sample Personnel:	CDS PMP	

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME
Project Number: 2960047
Well ID: MW-309B
Well Lock Status: OK
Well Condition: Good
Weather: Cloudy/Calm/Cool

Gauge Date: 10/10/02
Gauge Time: 1400
Sounding Method: Slope Indicator
Measurement Ref: TOC
Stick Up / Down: Up
Well Diameter: 2"

Purge Date: 10/10/02
Purge Time:
Purge Method: Low - Flow Purge
Field Personnel: MAC/DB/PP
Ambient Air VOC's (ppm)
Well Mouth VOC's (ppm)

Well Depth (ft):
Well Volume/ft (L):
Depth to Water (ft): Ø - @ TOC
Well Volume (L):
Liquid Depth (ft):
Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
DB Start	1400	Ø'	—	8.57	169	1.28	-109	8.10	—
1	1405	5.10	150	9.67	172	4.69	83.9	7.56	10.3
2	1410	7.25	150	9.37	171	0.98	22.3	8.13	7.0
3	1415	9.50	150	10.15	176	0.91	-14.7	8.27	9.2
4	1420	10.49	150	10.79	179	1.02	-30.6	8.29	8.9
5	1425	11.39	150	11.0	179	0.98	-44	8.29	3.6
6	1430	12.48	150	11.20	181	0.98	-43	8.31	3.6
7	1433	13.09	150	11.40	181	1.00	-44	8.28	4.7
8	1436	13.82	150	11.49	182	0.97	-49	8.32	4.0
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 10/10/02
Sampling Time (Start / End) 1450
Sample Type: Grab
Total Amount of Water Removed:
Sample Parameters: VOC
Sample Preservation: HCl
Decon Fluids Used: — Isopropyl, alconox, DI
Sample Bottle ID's: BN-21-EP-MW309B
Sample Personnel: PP/DB/MAC

Comments:
BN-21-EP-DS309BS @ 1350
DS309BM @ 1352
DS309BD @ 1354
MW309B @ 1445

EP

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: P-111	Well Lock Status: OK
Well Condition: OK	Weather: Clear, calm, cold
Gauge Date: 22 Oct 02	Gauge Time: 1140
Sounding Method: Slope indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 3/4"
Purge Date: 22 Oct 02	Purge Time:
Purge Method: Low - Flow Purge Peristaltic	Field Personnel: CS/MAC
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 5.70	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1145		200	10.57	—	3.70	196	6.41	49
1	1150		200	11.16	—	1.37	198	6.29	37
2	1155		200	11.14	—	1.26	199	6.27	27
3	1200		200	10.82	—	1.33	199	6.25	13
4	1205		200	11.02	—	1.08	197	6.25	9
5	1210		200	11.10	—	0.87	196	6.25	7
6	1213		200	11.11	—	0.83	195	6.25	7
7	1216		200	11.13	—	0.81	194	6.25	4
8	1219		200						
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 22 Oct 02	Comments:
Sampling Time (Start / End) 1220	Unable to measure DTW while purging.
Sample Type: Grab	
Total Amount of Water Removed:	
Sample Parameters: VOC	NO cond. reading
Sample Preservation: HCl	
Decon Fluids Used: NONE	TU by handheld
Sample Bottle ID's: BN-21-EP-P111	

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FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: 2960047
Well ID: BN-21-EP-P132	Well Lock Status: Good
Well Condition: Good	Weather: Overcast 50°'s F Calm
Gauge Date: 10/	Gauge Time:
Sounding Method:	Measurement Ref:
Stick Up / Down:	Well Diameter:
Purge Date: 10/10/02	Purge Time: 09:00 - 11:00
Purge Method: Low - Flow Purge	Field Personnel: MAC/~~DB~~
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 19.17	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	09:00	19.17	100	8.38	~~0.0~~24	10.94	199.9	6.01	>440
1	09:05	19.28	100	9.48	~~0.0~~26	10.81	200.4	5.88	>440
2	09:10	19.30	100	10.61	~~0.0~~27	10.80	199.2	5.87	>440
3	09:15	19.24	100	11.47	~~0.0~~27	10.73	196.2	5.87	>440
4	09:20	19.22	100	11.81	~~0.0~~28	10.72	193.1	5.90	>440
5	09:25	19.22	100	12.54	~~0.0~~28	10.77	189.8	5.91	>440
6	09:30	19.21	100	13.17	~~0.0~~29	10.70	188.6	5.92	>440
7	09:35	19.21	100	13.70	~~0.0~~29	10.68	184.8	5.95	>440
8	09:40	19.22	100	14.00	~~0.0~~30	10.64	182.2	5.95	>440
9	09:45	19.22	100	14.26	~~0.0~~30	10.63	180.8	5.96	431
10	09:50	19.22	100	14.52	~~0.0~~30	10.65	180.3	5.97	392
11	09:55	19.22	100	14.71	~~0.0~~30	10.59	180.6	5.97	385
12	10:00	19.22	100	14.52	~~0.0~~30	10.54	180.5	5.96	375
13	10:05	19.22	100	14.39	~~0.0~~30	10.50	180.7	5.95	361
14	10:10	19.22	100	14.46	~~0.0~~31	10.57	181.1	5.95	266
15	10:15	19.22	100	14.66	~~0.0~~31	10.49	182.3	5.94	265
16	10:20	19.22	100	14.79	~~0.0~~30	10.47	182.0	5.95	240
17	10:25	19.22	100	14.85	~~0.0~~32	10.35	181.3	5.96	277
18	10:30	19.22	100	14.91	~~0.0~~32	10.40	180.1	5.97	298
19	10:35	19.22	100	14.77	~~0.0~~31	10.40	180.2	5.96	369
20	10:40	19.22	100	14.85	~~0.0~~31	10.41	179.7	5.96	389
21	10:45	19.21	100	14.94	~~0.0~~31	10.35	179.9	5.95	410
22	10:50	19.22	100	14.84	~~0.0~~31	10.38	180.1	5.94	417
23	10:55	19.22	100	14.88	~~0.0~~31	10.36	180.3	5.94	412
24	11:00	19.21	100	15.10	~~0.0~~31	10.37	180.8	5.95	420
DB 25	08:35	19.17	—	7.65	19	11.82	213	6.19	NA

Sampling Date: 10/10/02	Comments:
Sampling Time (Start / End) 11:00 (BN-21-EP-P132)	BN-21-EP-DS132S @ 0835
Sample Type: Grab GW	DS132M @ 0840
Total Amount of Water Removed: 120,000 ml	DS132D @ 0845
Sample Parameters: VOCs	
Sample Preservation: HCl	
Decon Fluids Used: Isopropyl, Alconox, DI water	
Sample Bottle ID's: BN-21-EP-P132	
Sample Personnel: MAC/DB	

EP

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Project Name: Long Term Monitoring Plan-NASB, ME	Project Number: EP 2960047
Well ID: P-106	Well Lock Status: Good
Well Condition: Good	Weather: clear, comfy
Gauge Date: 22 Oct 02	Gauge Time: 1250
Sounding Method: slope indicator	Measurement Ref: TOC
Stick Up / Down: Up	Well Diameter: 3/4"
Purge Date: 22 Oct 02	Purge Time:
Purge Method: Low - Flow Purge	Field Personnel: CS/MAC
Ambient Air VOC's (ppm)	Well Mouth VOC's (ppm)
Well Depth (ft):	Well Volume/ft (L):
Depth to Water (ft): 10.32	Well Volume (L):
Liquid Depth (ft):	Three Well Volumes (L):

Interval	Time (min)	Depth to Water (ft)	Purge Rate (ml/min)	Temperature (C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	pH	Turbidity (NTU)
Start	1255		100	10.28	—	11.44	205	6.67	3
1	1300		100	9.48	—	5.13	207	6.66	11
2	1305		100	9.52	—	5.39	207	6.63	20
3	1310		100	9.21	—	5.52	207	6.67	10
4	1315		100	9.18	—	5.55	207	6.67	6
5	1320		100	9.12	—	5.54	207	6.67	6
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

Sampling Date: 22 Oct 02	Comments:
Sampling Time (Start / End) 1320	Unable to fit slope indicator
Sample Type: Grab	down well while purging
Total Amount of Water Removed:	
Sample Parameters: VOC	No cond. readings
Sample Preservation: HCL	
Decon Fluids Used: —	TU by handheld
Sample Bottle ID's: BN-21-EP-P106	

Appendix E.3

Field Record of Surface Water and Sediment Sampling Forms

Page____ of ____

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site 2
Project Number: 2960047
Sample Location ID: SW-04
Date: 10-17-02
EA Personnel: CDS
Time: 1320
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW-04 Dup SW XD1
Water Depth:
Depth From Top of Water:
Velocity Measurement:
Temperature (C): 11.15 ORP=119
Specific Conductivity (umos/cm): .082
pH (units): 6.29
Dissolved Oxygen (ppm): 10.57

Type of S.W.
(X) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
(X) Yes ( ) No
Field Dup. ID SW XD1

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:
BN-6-02 - SW04 @ 1320
BN-6-02 SW XD1 @ " " Dup

Page____ of____

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site 2
Project Number: 2960047
Sample Location ID: SW7
Date: 10/17/02
EA Personnel: MAC/PP
Time:
Signature of Sampler: [illegible]

SURFACE WATER INFORMATION

Sample Location: SW7
Water Depth: 2-3'
Depth From Top of Water: Surface
Velocity Measurement:
Temperature (C): 11.19
~~Specific~~ Conductivity (umos/cm): 90
pH (units): 6.08
Dissolved Oxygen (ppm): 8.11 ORP-116

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID
SD-SW7		X		VOC/[illegible]			

Notes / Comments / Sketch:

B.G. SW-SW7 @ 1345

Page 1 of 1

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site ___
Project Number: 2960047
Sample Location ID:
Date:
EA Personnel:
Time:
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW8
Water Depth:
Depth From Top of Water: TW=11
Velocity Measurement:
Temperature (C): 11.40
~~Specific~~ Conductivity (umos/cm): 88
pH (units): 6.65 ORP 175
Dissolved Oxygen (ppm): 9.94

Type of S.W.
(x) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None
Ded jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
(x) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-S1-SW8 @ 1445 VOC, METALS

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site ___
Project Number: 2960047
Sample Location ID: SW9
Date: 10/18/02
EA Personnel: MAC/CS
Time:
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW9 TU-29
Water Depth: 10"
Depth From Top of Water: 1½ FPS
Velocity Measurement: @ surface
Temperature (C): 11.38 ORP 158
~~Specific~~ Conductivity (umos/cm): 91
pH (units): 6.42
Dissolved Oxygen (ppm): 10.08

Type of S.W.
(X) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None
NONE DED. BOTTLE

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No
Method Used
( ) Winkler (X) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete (X) Composite

Sediment Type
( ) Clay ( ) Organic
(X) Sand ( ) Gravel
( ) Other silty sand

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other NON

Field Quality Control Data
Field Duplicate Collected
(X) Yes ( ) No
Field Dup. ID BN-21-S1-SWSDXD1

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(X) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-S1-SW9 MS/MSD @ 1415 VOC, Metals
BN-21-S1-SWSD9 MS/MSD @ 1415 TOC, ~~[illegible]~~, Metals, Pesticides, GRAIN SIZE
BN-21-S1-SWSDXD1

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 22Oct02
Time: 0920

Site: Site EP
Sample Location ID: SW10
EA Personnel: CS/MAC
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW-10
Water Depth:
Depth From Top of Water:
Velocity Measurement:
Temperature (C): 6.05 TU-12
Specific Conductivity (umos/cm):
pH (units): 6.45 ORP 203
Dissolved Oxygen (ppm): ~~13.06~~ 12.80

Type of S.W.
(X) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None
Ded jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-EP-SW10 @ 0925 VOC only

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 21 Oct 02
Time: 1510

Site: Site ___ 15P
Sample Location ID: SW/SD 11
EA Personnel: CS/MAC
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW-11 @1520
Water Depth:
Depth From Top of Water:
Velocity Measurement:
Temperature (C): 9.47 Turb 10.0
Specific Conductivity (umos/cm): 106
pH (units): 6.42
Dissolved Oxygen (ppm): 12.66 ORP 172

Type of S.W.
(x) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
(x) Discrete ( ) Composite

Sediment Type
( ) Clay (x) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None

Sample Observations:
( ) Odor
( ) Color dark brown silt + sand w/ organics
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

Sed time 1525

BN-21-EP-SW11 @ 1520 VOCs only

BN-21-EP-SWSD11 @ 1525 TOC, Pesticides, TAL Metals + Grain Size MS/MSD

BN-21-EP-SWSDXD2-

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FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM	Site: Site 15P
Project Number: 2960047	Sample Location ID: SW-12
Date:	EA Personnel:
Time:	Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW-12 0850
Water Depth: 4'+
Depth From Top of Water:
Velocity Measurement: 0 fps
Temperature (C): 5.62°C
Specific Conductivity (umos/cm): ORP 202
pH (units): 6.72 TU: 15
Dissolved Oxygen (ppm): 5.89

Type of S.W.
(X) Stream
(X) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-EP-SW12-@0850 VOC only.
Beaver dam causing high water levels
Cond. Malfunctioning

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 21 Oct 02
Time: 0440

Site: Site EP
Sample Location ID: SW13
EA Personnel: CS/MAC
Signature of Sampler:

SURFACE WATER INFORMATION

@1450

Sample Location: SW13
Water Depth: 1.5
Depth From Top of Water:
Velocity Measurement: .5 fps
Temperature (C): 9.81 TU: 5.2
Specific Conductivity (umos/cm): 77
pH (units): 6.40 ORP-167
Dissolved Oxygen (ppm): 7.78

Type of S.W.
(x) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None Dedicated jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

MS/MSD + Dupe

Same

BN-21-EP-SW13 @ 1450 VOC only
BN-21-EP-SWXD2

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 21 Oct 02
Time: 1500

Site: Site ___ EP
Sample Location ID: SW14
EA Personnel: CS/MAC
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW14
Water Depth: 1.5 ft
Depth From Top of Water:
Velocity Measurement: — .5 fps
Temperature (C): 9.81 TU 4.3
Specific Conductivity (umos/cm): 77
pH (units): 6.36 ORP 180
Dissolved Oxygen (ppm): 12.72

Type of S.W.
(x) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None
None - Ded jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sampl Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

21
BN-EP-SW14 @ 1510 VOC only

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FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site 43
Project Number: 2960047
Sample Location ID: SW15
Date: 21 Oct 2002
EA Personnel: CS/MAC
Time:
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW-15
Water Depth:
Depth From Top of Water:
Velocity Measurement: Turb: 8.0
Temperature (C): 8.23 ORP: 91.8
Specific Conductivity (umos/cm): 0.093
pH (units): 6.37
Dissolved Oxygen (ppm): 10.79

Type of S.W.
(✓) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
(✓) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes (✓) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (✓) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
(✓) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
(✓) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes (✓) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (✓) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sampl Observations:
( ) Odor
( ) Color Brn Sand
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-SW15 @ ~~1020~~ MAC 1015 Metals only

BN-21-SW @ 1020 TOC, Pest, Metals, Grain Size

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 21 Oct 02
Time: 1000

Site: Site 1+3
Sample Location ID: SW16
EA Personnel: CS/MAC
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: SW16 Time 1000
Water Depth: 10"
Depth From Top of Water: Ø
Velocity Measurement: 2FPS
Temperature (C): 8.41 TU - 11.5
~~Specific~~ Conductivity (umos/cm): 95
pH (units): 6.36
Dissolved Oxygen (ppm): 10.78 ORP 117

Type of S.W.
(x) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____
Ded. bottle

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes (x) No
Field Dup. ID _____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler (x) Probe

SEDIMENT INFORMATION

Time 1005

Type of Sample Collected
(x) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
(x) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other NONE

Field Quality Control Data
Field Duplicate Collected
( ) Yes (x) No
Field Dup. ID _____

Sample Location Sketch
( ) Yes (x) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None

Sample Observations:
( ) Odor
(x) Color Brown sand
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-S1-SW16 @ 1000 - Metals only
BN-21-S1-SWSD16 @ 1005 - TOC, Pest, Metals, Grain size

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site 2
Project Number: 2960047
Sample Location ID: Sed 17
Date: 10/17/02
EA Personnel: MAC/PP
Time: 1345
Signature of Sampler: [signature]

SURFACE WATER INFORMATION

Sample Location:
Water Depth:
Depth From Top of Water:
Velocity Measurement:
Temperature (C):
Specific Conductivity (umos/cm):
pH (units):
Dissolved Oxygen (ppm):

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
(X) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
(X) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
(X) Other Dedicated jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(X) None

Sampl Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID
SN-6 S2-SD17	X		X	NONE		X	

Notes / Comments / Sketch: Metals, Pesticides, Grain size, TOC
Sample time: ~~1345~~

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 10/17/02
Time: 1100

Site: Site 2
Sample Location ID: Sed 18
EA Personnel: MAC/PP
Signature of Sampler: Mark Co

SURFACE WATER INFORMATION

Sample Location:
Water Depth:
Depth From Top of Water:
Velocity Measurement:
Temperature (C):
Specific Conductivity (umos/cm):
pH (units):
Dissolved Oxygen (ppm):

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
(X) Discrete ( ) Composite

Sediment Type
( ) Clay (X) Organic
( ) Sand ( ) Gravel
(X) Other orange/brown silt

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
(X) Other ded. jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(X) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID
BN-6-S2-SD18	X		X	NONE			

Notes / Comments / Sketch: TAL METALS, TOC, Pesticides, Grain Size

Page____ of ____

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Site: Site ___
Project Number: 2960047
Sample Location ID: SD-19
Date: 10/17/02
EA Personnel: MAC/PMP
Time: 11:30
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location:
Water Depth:
Depth From Top of Water:
Velocity Measurement:
Temperature (C):
Specific Conductivity (umos/cm):
pH (units):
Dissolved Oxygen (ppm):

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
( ) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sampl Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-6-SZ-SD19 TOC, metals, Pesticides & Grain size @ 11:30

Appendix E.4

Field Record of Seep Sampling Forms

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FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM	Site: Site 1+3
Project Number: 2960047	Sample Location ID: Seep/LT 1
Date: 10-18-02	EA Personnel: CDS / CMS
Time: 1000	Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: LT/Seep 1
Water Depth: < 1/4"
Depth From Top of Water:
Velocity Measurement:
Temperature (C): 10.91 ORP - 77.9
Specific Conductivity (umos/cm): .581
pH (units): 6.35 Turb >1000
Dissolved Oxygen (ppm): 1.01

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
(X) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sedim nt Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
(X) Other WS

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID
BM-21-SI-LT1		X		VOC/MeOH	@1000	4 SWS	
BM-21-SI-LTSD1			X	VOC/MeOH	@1000	5 SWS	

Notes / Comments / Sketch:

BM-21-SI-LT1 VOC / MeOH

BM-21-SI-LTSD1 VOC MeOH / VOC MeOH / MeOH

Dump Run Soil Dump Run Rock

Page____ of ____

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 10-18-02
Time: 1040

Site: Site 1+3
Sample Location ID: LT/SEEP 3
EA Personnel: DS CMS
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: LT/SEEP 3
Water Depth: < 24"
Depth From Top of Water: —
Velocity Measurement: Not moving
Temperature (C): 10.32 ORP. 146.7
Specific Conductivity (umos/cm): .422
pH (units): 6.11 Turb N/A
Dissolved Oxygen (ppm): 0.72

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
(X) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete (X) Composite

Sediment Type
( ) Clay (X) Organic
(X) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
(X) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-2-3-LT3 @ 1040 VOC (MW4b)
BN-2-3-LT3D @ 1040 VOC (MW4b) / 1022 Nanopak / Metals

Page____ of ____

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM	Site: Site 123
Project Number: 2960047	Sample Location ID: LT/Seep 7
Date: 10-19-02	EA Personnel: CDS/MS
Time: 1115	Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: LT/Seep 7
Water Depth: < 1/2"
Depth From Top of Water: —
Velocity Measurement: small
Temperature (C): 10.51 ORP: 6.5
Specific Conductivity (umos/cm): .642
pH (units): 6.92
Dissolved Oxygen (ppm): .61

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
(X) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete (X) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BA-21-SI-LT7 @ 1115 [illegible]
BA-21-SI-LT7D @ 1115 [illegible]
Dark Brown Sediment [illegible]

Page 1 of 1

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 10/18/02
Time: 1110

Site: Site 1+3
Sample Location ID: LT5
EA Personnel: MAC/PP
Signature of Sampler: MarkCo

SURFACE WATER INFORMATION

Sample Location: LT-5
Water Depth: <1"
Depth From Top of Water: Ø
Velocity Measurement: Ø
Temperature (C): 10.28 TU 7400
~~Specific~~ Conductivity (umos/cm): 477
pH (units): 6.75 ORP - 75
Dissolved Oxygen (ppm): -1.50

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
(X) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None
Dedicated bottle

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No
Method Used
( ) Winkler (X) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete (X) Composite

Sediment Type
(X) Clay (X) Organic
( ) Sand ( ) Gravel
( ) Other _____
clayey silt

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
(X) Hand Spoon Trowel
( ) Aluminum Pans
(X) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes (X) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes (X) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sampl Observations:
( ) Odor
(X) Color brown to orange, sheen on surface of water
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix: Surface Water	Matrix: Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

Sample ~~LT5~~ LT5D5 @ 11:20
LT5

BN-21-S1-LT5D5 VOC Hi + Low, TAL Metals } 1120
BN-21-S1-LT5 VOC, TAL Metals }

TU 7400

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 10/8/02
Time: 1000

Site: Site 1+3
Sample Location ID: LT9
EA Personnel: MAC/PP
Signature of Sampler: Mark A. C

SURFACE WATER INFORMATION

Sample Location: LT9
Water Depth: 21"
Depth From Top of Water: Ø
Velocity Measurement: Ø
Temperature (C): 10.01
Specific Conductivity (umos/cm): 181
pH (units): 5.77
Dissolved Oxygen (ppm): 0.74 / ORP: 143

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
(X) Seep

Equip. used for Collection
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
(X) Isopropyl Alcohol
(X) ASTM Type II Water
(X) Deionized Water
(X) liquinox Solution
( ) Hexane
( ) HNO3 Solution
(X) Potable Water
( ) None Dedicated bottle

Field Quality Control Data
Field Duplicate Collected
(X) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
(X) Discrete ( ) Composite

Sediment Type
( ) Clay (X) Organic
( ) Sand ( ) Gravel
( ) Other Silty

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
(X) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
(X) Yes ( ) No
Field Dup. ID LTXD3

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
(X) liquinox Solution
( ) Hexane
( ) HNO3 Solution
(X) Potable Water
( ) None

Sample Observations:
( ) Odor none
(X) Color Orange to dark brown - oily sheen on surface
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

Tedding >40 MPH's
Sampled @ 10:15
Sheen on surface of water
BN-21-S1-LT9 - VOC, TAL METALS MS/MSD } sample time 1015
BN-21-S1-LTSD9 - VOC Lo+Hi, TAL Metals MS/MSD
BN-21-S1-LTXD3 - VOC, TAL METALS - DUPE
BN-21-S1-LTSDXD2 - VOC Hi+Lo, Tal Metals - Dupe

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project Name: NASB, ME LTM
Project Number: 2960047
Date: 22 OCT 02
Time: 0900

Site: Site 15P
Sample Location ID: Seep 11
EA Personnel:
Signature of Sampler:

SURFACE WATER INFORMATION

Sample Location: Seep 11
Water Depth: 0
Depth From Top of Water: 0
Velocity Measurement: 0
Temperature (C): 6.75°C
Specific Conductivity (umos/cm): NA ORP 213
pH (units): 6.28
Dissolved Oxygen (ppm): 8.45

Type of S.W.
( ) Stream
( ) Pond / Lake
( ) River
(x) Seep

Equip. used for Collection
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump_____

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
(x) None
Dedicated jar

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No
Method Used
( ) Winkler ( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected
( ) Discrete ( ) Composite

Sediment Type
( ) Clay ( ) Organic
( ) Sand ( ) Gravel
( ) Other _____

Equip. Used for Collection
( ) Gravity Core
( ) Stainless Stl. Split Spoon
( ) Dredge
( ) Hand Spoon Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Mod. En-Core Sampler
( ) Other_____

Field Quality Control Data
Field Duplicate Collected
( ) Yes ( ) No
Field Dup. ID_____

Sample Location Sketch
( ) Yes ( ) No

Decon Fluids Used
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) liquinox Solution
( ) Hexane
( ) HNO3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor
( ) Color
( ) Other

SAMPLES COLLECTED

Sample ID	Required Samp. Loc.	Matrix Surface Water	Matrix Sediment	Preservation Method	Required Volume	Sample Collected	Bottle ID

Notes / Comments / Sketch:

BN-21-EP-ET11 @ 0910 MS/MSD VOC's only

BN-21-EP-LTX04

Appendix E.5

Field Record of Landfill Gas Monitoring Form

EA Engineering, Science, and Technology

FIELD RECORD OF LANDFILL GAS MONITORING

Project Name: NASB Sites 1&3	Project No: 29600.47	Date: 10/10/02
Weather/Temperature/Barometric Pressure: Overcast 50°F		
EA Personnel: Chip McLeod	Equipment: GA-90 Methane Detector	
Equipment Calibration Information: Factory calibrated		

ID No.	Labeled/ Capped	Probe/Vent Locked	Casing/Seal Condition	Depth to Bottom (ft)	Pressure (in. H_2O)	Percent Methane	Percent Oxygen	Percent CO_2	Comments
GV-1	NA	NA	NA	NA	<1"	0.0	*	2.5	Animal Borrows
GV-2	NA	NA	NA	NA	<1"	0.0	*	0.0	
GV-3	NA	NA	NA	NA	<1"	0.0	*	0.0	
GV-4	NA	NA	NA	NA	<1"	0.0	*	1.0	
GV-5	NA	NA	NA	NA	<1"	0.0	*	0.0	Animal Borrows
GV-6	NA	NA	NA	NA	<1"	0.0	*	0.1	
GV-7	NA	NA	NA	NA	<1"	0.0	*	0.0	Animal Borrows
GV-8	NA	NA	NA	NA	<1"	0.0	*	0.6	
GV-9	NA	NA	NA	NA	<1"	0.0	*	2.5	Animal Borrows
GV-10	NA	NA	NA	NA	<1"	0.0	*	0.0	
GV-11	NA	NA	NA	NA	<1"	0.0	*	1.8	
GV-12	NA	NA	NA	NA	<1"	0.0	*	0.0	
GV-13	NA	NA	New cap added	NA	<1"	0.2	*	3.7	
GV-14	NA	NA	OK	NA	0.0	0.0	*	0.5	
GMP-4	No/Yes	Yes	OK	NA	0.0	0.0	*	3.6	
GMP-5	No/Yes	Yes	OK	NA	0.0	0.2	*	0.7	

Note: * denotes meter malfunction.
NA denotes not applicable

f:\wp\29600\47

Appendix F

Engineering Inspection of Sites 1 and 3

ENGINEERING INSPECTION OF SITES 1 AND 3

EA Personnel: Chip McLeod

Weather: Overcast, 70°F

Date: 4/17/02

1. **Inspection of ground surface for exposure of geotextile cover (cap erosion):**

   No significant erosion or exposed geotextile was noted. Minor ruts at various locations from recent heavy rain noted but not of concern at this time. These areas will be observed during the September inspection and a determination made if repairs are required.

2. **Inspection of ground surface for differential settlement resulting in soil cracking or ponded water:**

   Ponded water was noted at various locations, including along the access road near the bomb cart storage area north of EW-6. Some of this area was targeted for repairs in 1998. In those areas where drainage was improved, no issues were identified. Additional areas may require improvements if the ponded water causes degradation of the cap. Ponded water was also noted in the drainage swale along the northern portion of the landfill near GV-1. The rest of this swale had been improved and was functioning well. For the first time, the drainage pipes from the original designed drainage system were discharging water. Three of the outlets were completely clogged with grass clippings and were subsequently cleaned out during the inspection. These drains must be maintained and kept clear.

   Significant differential settlement is still present at MW-217 A/B. This was noted in previous engineer's inspection. Most likely the well integrity has been compromised causing settlement of the surrounding ground surface. This well should be abandoned if it has been compromised, and the surrounding area restored.

3. **Identification of stressed vegetation:**

   The vegetation is in better condition than recent years due to mowing that has occurred. However, significant matting of mowed vegetation is currently occurring, which would indicate that the frequency of mowing should be increased to reduce potential matting.

4. **Identification of seeps, rooted vegetation (trees), and/or animal burrows:**

   Some woody vegetation was noted mostly on the south side near the bomb cart storage area. Woody vegetation was also noted on the cap itself. Depth of root penetration was approximately 6-8 in. To avoid woody vegetation spreading, and to

better maintain the cap, increasing the frequency of cap mowing is recommended. Animal burrows were noted at almost every gas vent. The protective concrete collars filled with well sorted sand promote easy digging for new burrows. Consideration should be given to removing the concrete collars to eliminate the potential for animals to burrow into the cap.

An animal burrow was also noted in the middle of the cap, approximately 60 ft north of MW-223B. This burrowing animal should be removed immediately as this burrow is into the cover system, and not up under the protective concrete collar of a gas vent. This type of burrow has the highest potential for damage to the cap system.

5. **Identification of deteriorating equipment (i.e., gas probes, monitoring wells, piezometers, fencing, or drainage structures):**

   As noted above, 3 outlets were clogged near GV-9, GV-11, and GV-12. An additional 2 outlets located in the vicinity of GV-14, and the surface water outlet structure, were also clogged and exhibiting heavy iron fouling and precipitation. These outlets were unclogged during the inspection and flow from the pipes increased significantly. These outlets, as well as the other drainage structures, should be maintained routinely and surrounding swales cleaned to make sure proper drainage of the cap can occur.

   The remains of MW-202B were noted along the south side of the landfill at the top of the slope. This well was apparently abandoned, but the casing and concrete collar were not disposed of. This casing should be removed and disposed of accordingly.

6. **Inspection of Sites 1 and 3 stormwater detention basins for erosion, sloughing, or flow-through:**

   Flow entering the drainage basin from the northern swale was ponding slightly, as expected, and draining through the outlet structure without incidence.

7. **Inspection of slope south of the landfill along Mere Brook for the presence of erosion or sloughing:**

   No issues noted.

8. **Inspection of parking lots, access roads, and pavement structures:**

   No major issues noted. Some ruts were evident on the access road onto the cap from the north. These ruts were caused by vehicles driving on the cap during wet conditions. This practice should be stopped to prevent damage to the cap system.

ENGINEERING INSPECTION OF SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

EA Personnel:	Chip McLeod, Mark Carver
Date:	10-10-02
Weather:	Overcast, 50° F

1. Inspection of ground surface for exposure of geotextile cover (cap erosion):
   None noted.

2. Inspection of ground surface for differential settlement resulting in soil cracking or ponded water:
   None noted.

3. Identification of stressed vegetation:
   Matted vegetation, due to late mowing. Grass allowed to grow abnormally high. Recommend Landfill should be mowed two to three times annually.
4. Identification of seeps, rooted vegetation (trees), and/or animal burrows:
   A large animal burrow is located 50'South of GW-1. Recommend trapping and relocation of animal.
   Standing vegetation in the vicinity of dams and outlets. Recommend vegetation be manually trimmed.

5. Identification of deteriorating equipment (i.e., gas probes, monitoring wells, piezometers, fencing, or drainage structures):
   Outlet near GV-14 has a blockage.
   Outlet near stone outfall has a blockage.
   Recommend blockages be cleared.
6. Inspection of Sites 1 and 3 stormwater detention basins for erosion, sloughing, or flow-through:
   None Noted.
   Dead rodent was found in a storm water manhole.
7. Inspection of slope south of the landfill along Mere Brook for the presence of erosion or sloughing:
   None noted.

8. Inspection of parking lots, access roads, and pavement structures:
   Inspection of parking lots, access roads and pavement structures reveal no deficiencies.

Appendix G

Water Level Elevations within Sites 1 and 3 Landfill

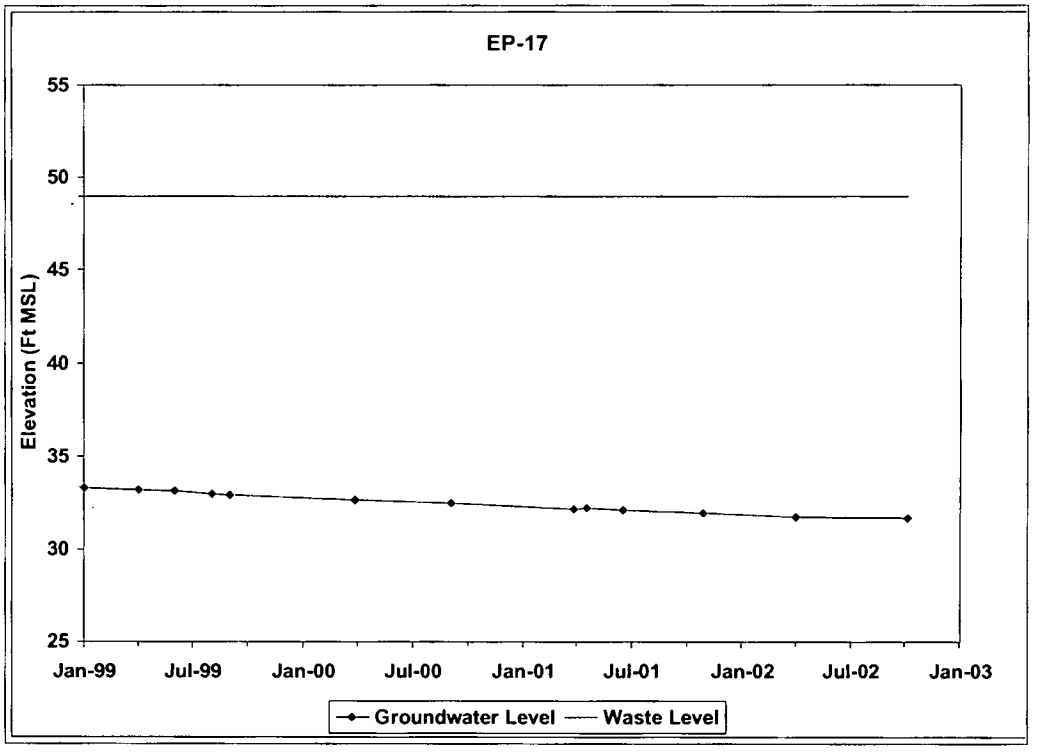

Figure G-1

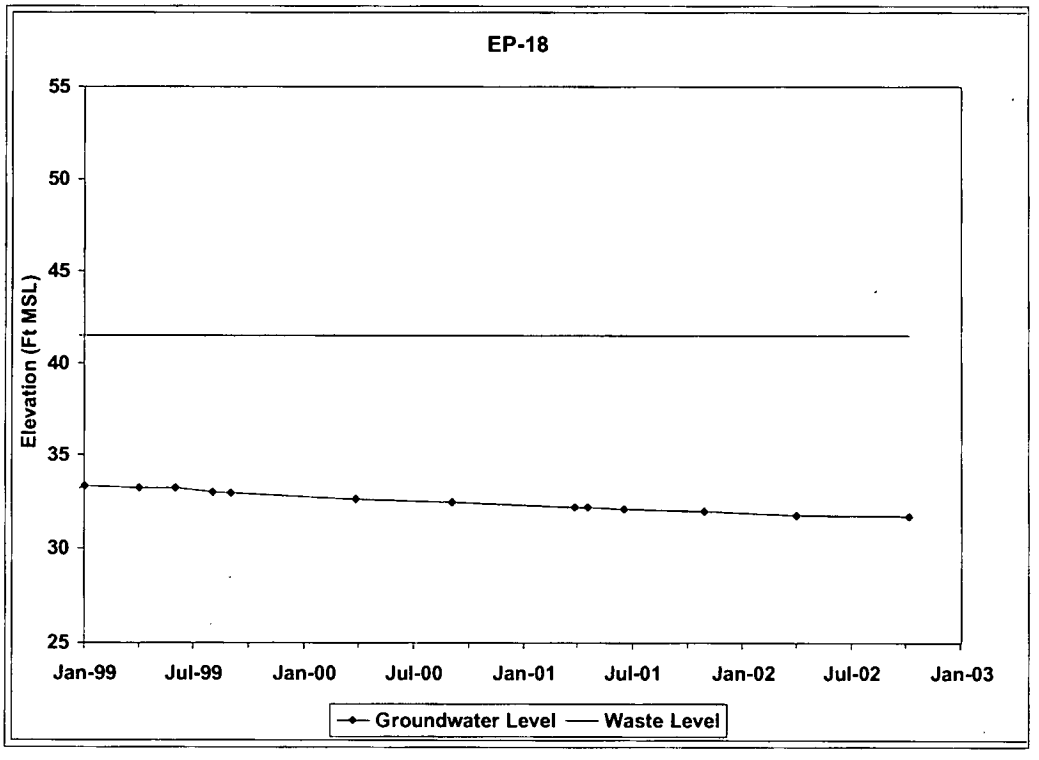

Figure G-2

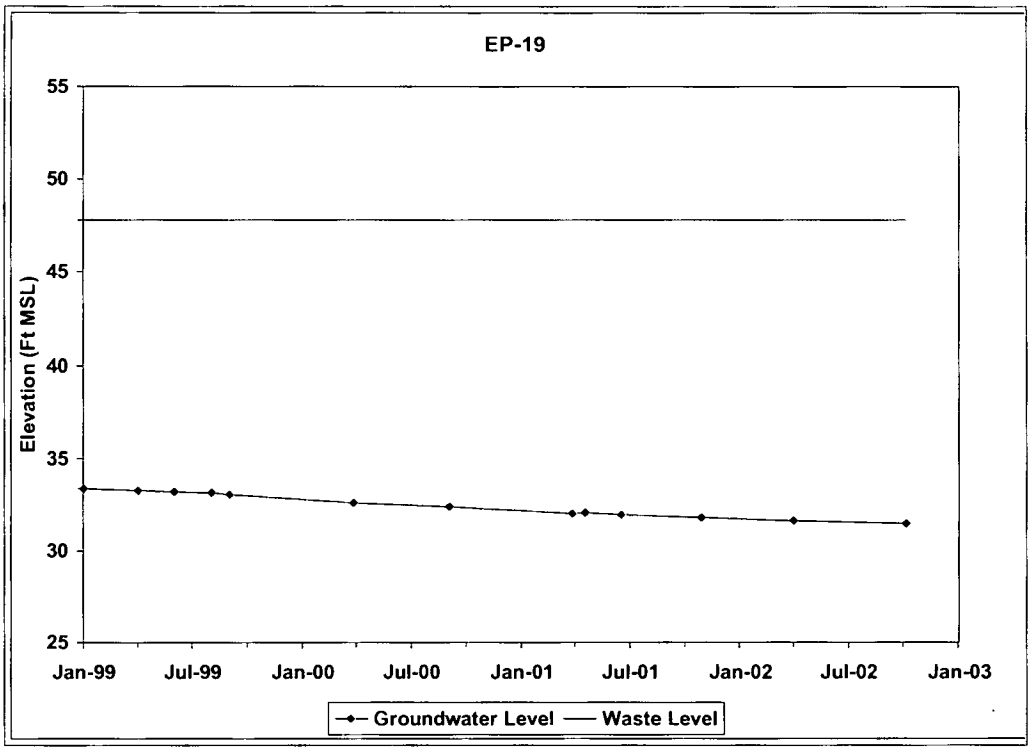

Figure G-3

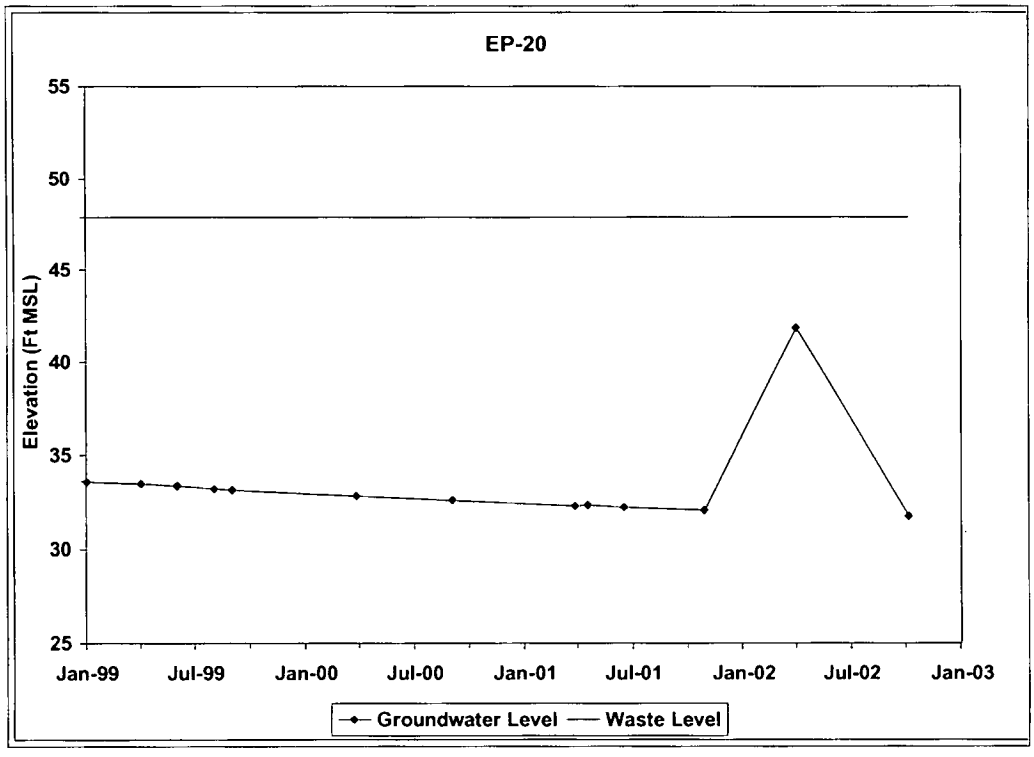

Figure G-4

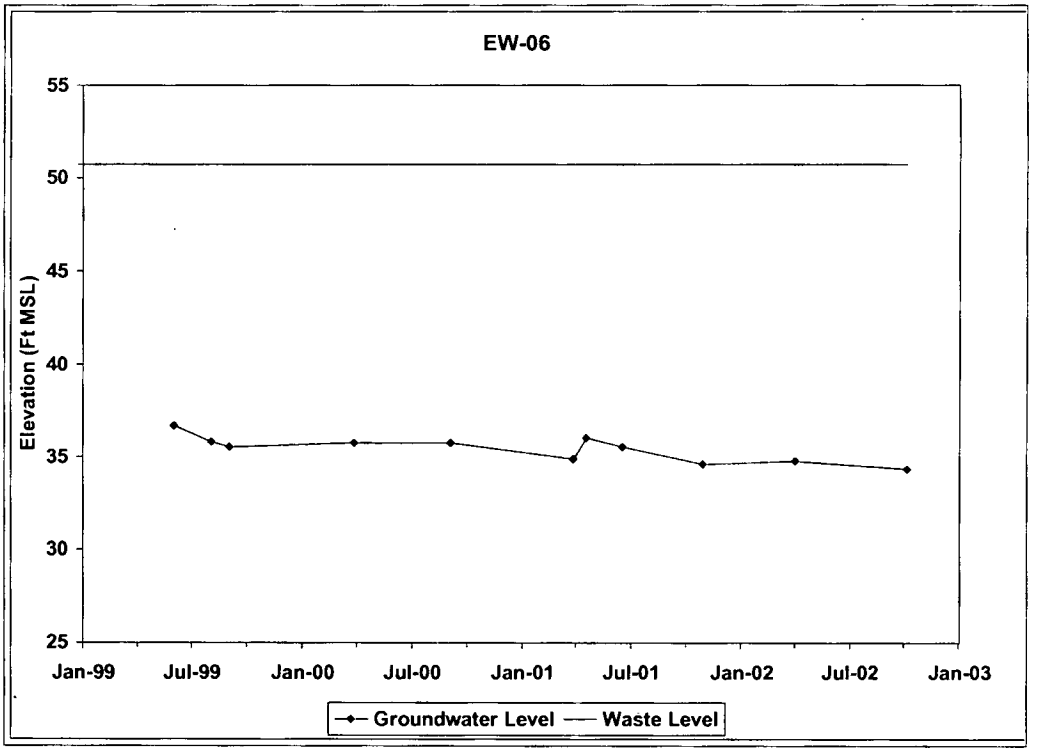

Figure G-5

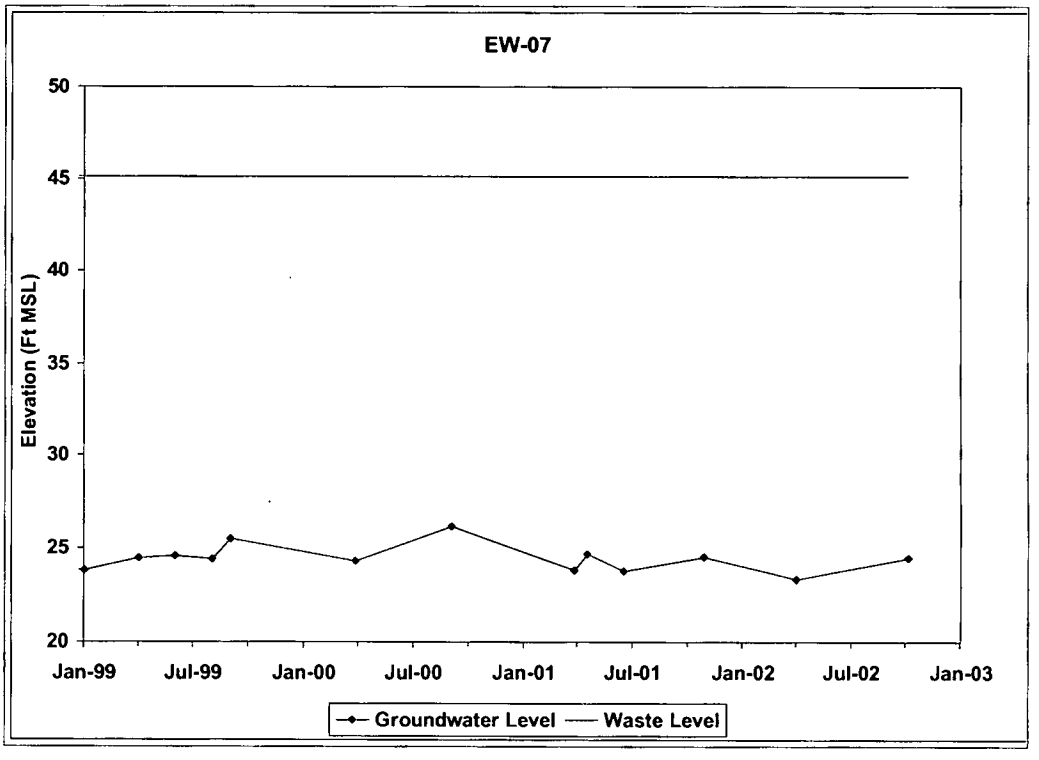

Figure G-6

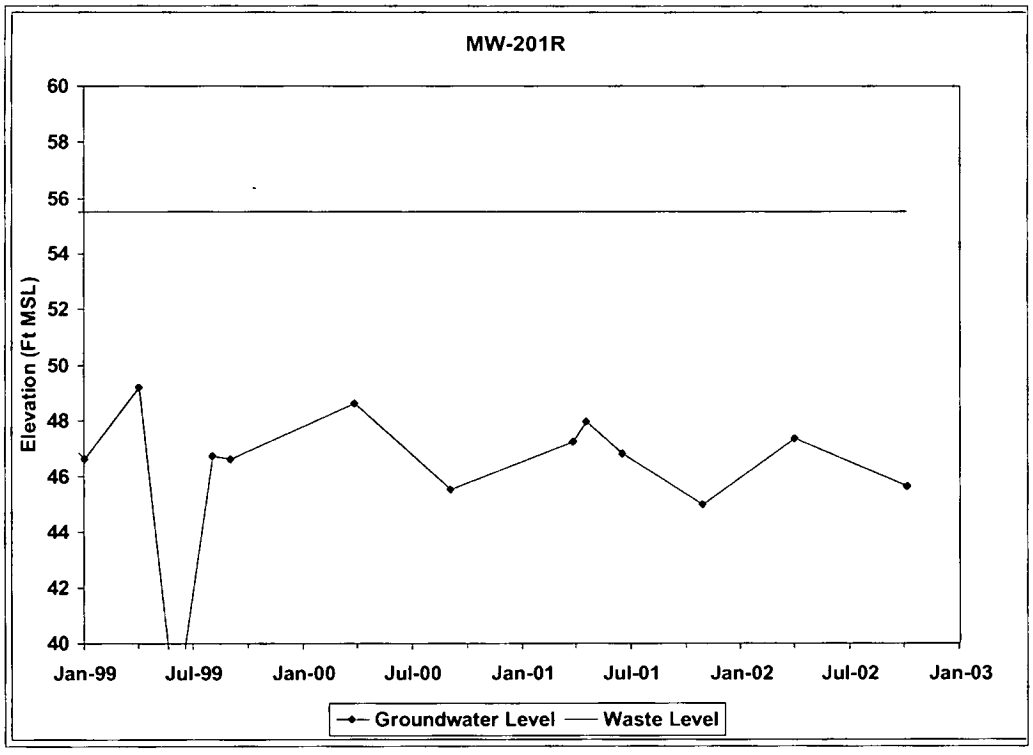

Figure G-7

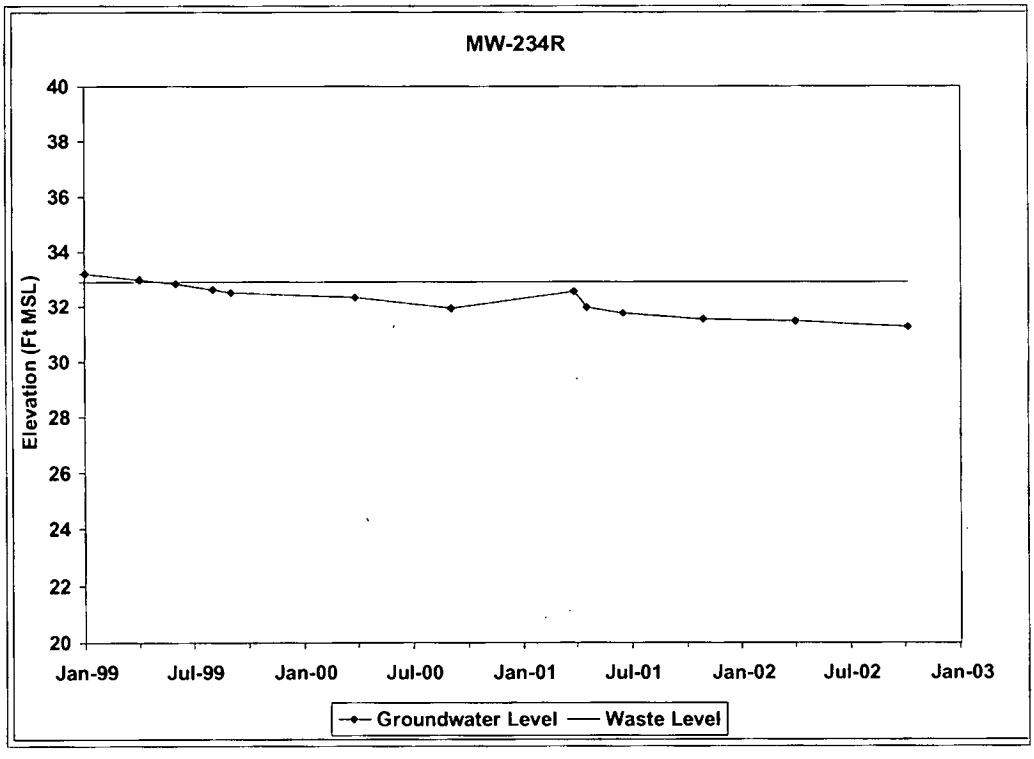

Figure G-8

Appendix H

Analytical Report Form I Data Tables

H.1 Groundwater Samples – Sites 1 and 3
H.2 Groundwater Samples – Eastern Plume
H.3 Aqueous Samples – Groundwater Extraction and Treatment System
H.4 Surface Water Samples – Sites 1 and 3
H.5 Surface Water Samples – Eastern Plume
H.6 Leachate Station Seep Samples – Sites 1 and 3
H.7 Leachate Station Seep Samples – Eastern Plume
H.8 Sediment Samples – Sites 1 and 3
H.9 Sediment Samples – Eastern Plume
H.10 Leachate Station Sediment Samples – Sites 1 and 3
H.11 Diffusion Samples – Sites 1 and 3
H.12 Diffusion Samples – Eastern Plume

Appendix H.1

Groundwater Samples – Sites 1 and 3

APPENDIX H.1

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Monitoring Wells	
BN-21-S1-MW202A	MW-202A
BN-21-S1-MW203	MW-203
BN-21-S1-MWXD1	MW203 - Duplicate
BN-21-S1-MW204	MW-204
BN-21-S1-MW217B	MW-217B
BN-21-S1-MW218	MW-218
BN-21-S1-MW219	MW-219
BN-21-S1-MW240	MW-240
BN-21-S1-MW2101	MW-2101
Trip Blank	
BN-21-EP-QT1	Trip Blank (QT-01)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

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Client	Contact	Phone #	Fax #
EA Engineering, Science, and Technology	Charles Springer	(508) 485-2982	(508) 485-5742

Address	City	State	Zip Code
343 Turnpike Rd (Rte 9),	Southborough Technology Park,	Southborough, MA	01772

Purchase Order # | Proj. Name / No. | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY WORK ORDER #: W3456

KATAHDIN PROJECT MANAGER

REMARKS:

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AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y ☒N)	TAL Metals by EPA 6010/7000 (Filt. ☒Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-SI-MW2101	10/8/02/ 12:50	Water	4	✓	✓								
	BN-21-SI-MW202A	10/8/02/ 13:35		4	✓	✓								
	BN-21-SI-DS217BD	10/8/02/ 13:55		~~3~~	✓	✓								
	BN-21-SI-MW217B	10/8/02/ 16:20		4	✓	✓								
	BN-21-SI-MW218	10/9/02/ 10:05		4	✓	✓								
	BN-21-SI-MW203	10/9/02/ 10:45		~~4~~ 12	✓	✓								
	BN-21-SI-MW240	10/9/02/ 12:20		4 ~~12~~	✓	✓								
	BN-21-SI-MW204	10/9/02/ 14:25		4	✓	✓								
	BN-21-SI-MW219	10/9/02/ 15:50		4	✓	✓								
	BN-21-SI-~~XDT~~ MWXD1	10/9/02 —		4	✓	✓								
		/												
		/												
		/												
		/												
		/												
		/												

Extra volume provided for MS/MSD samples

COMMENTS Please Include "BN-21-EP-QT1" ~~Data~~ Results in Data Pack for this COC

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
	10/10/02 1100		10/11/02 1415		
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

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P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

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Client: EA Engineering, Science, and Technology
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5[illegible]
Address: 333 Turnpike Rd (Rte 9), Southborough Technology Park, Southborough, MA
City / State / Zip Code: 01772
Purchase Order #
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Katahdin Quote #
Bill (if different than above)
Address
Sampler (Print / Sign)
Copies To:

LAB USE ONLY
WORK ORDER #: W53757
KATAHDIN PROJECT MANAGER
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓									
	BN-21-EP-MW303	10/9/02 12:20	↓	3	✓									
	BN-21-EP-MW305	10/9/02 16:08		3	✓									
	BN-21-EP-P132	10/10/02 11:00		3	✓									
	BN-21-EP-MW309B	10/10/02 14:45		3	✓									
	BN-21-EP-MW308	10/10/02 18:10		9	✓ ← Extra volume provided for MS/MSD samples									
	BN-21-EP-MW330	10/10/02 18:30		3	✓									
	BN-21-EP-MWXD1	10/10/02 —		3	✓									
	BN-21-EP-QT1	10/10/02 —	↓	2	✓									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/11/02	[signature] 10-11-02 1415			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

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Tel: (207) 874-2400
Fax: (207) 775-4029

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Sampler (Print / Sign) — Copies To:

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KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓									
	BN-21-EP-MW303	10/9/02 12:20		3	✓									
	BN-21-EP-MW305	10/9/02 16:08		3	✓									
	BN-21-EP-P132	10/10/02 11:00		3	✓									
	BN-21-EP-MW309B	10/10/02 14:45		3	✓									
	BN-21-EP-MW308	10/10/02 18:10		9	✓									
	BN-21-EP-MW330	10/10/02 18:30		3	✓									
	BN-21-EP-MWXD1	10/10/02 —		3	✓									
	BN-21-EP-QT1	10/10/02 —		2	✓									
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		/												

Extra volume provided for MS/MSD samples

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	10/10/02 [illegible]	[illegible] 10-11-02 1415			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-2
Client ID: BN-21-S1-MW202A
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	J	1	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	J	1	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		95%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-2
Client ID: BN-21-S1-MW202A
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-MW202A

Matrix: WATER **SDG Name:** WS3956

Percent Solids: 0.00 **Lab Sample ID:** WS3956-002

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	33.5	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	12.8			P	1
7440-41-7	BERYLLIUM	0.46	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	7980			P	1
7440-47-3	CHROMIUM	1.2	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	19.6	B		P	1
7439-92-1	LEAD	2.0	B		P	1
7439-95-4	MAGNESIUM	1800			P	1
7439-96-5	MANGANESE	1790			P	1
7439-97-6	MERCURY	0.06	B		CV	1
7440-02-0	NICKEL	2.0	B		P	1
7440-09-7	POTASSIUM	1120			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	16900			P	1
7440-28-0	THALLIUM	0.20	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-6
Client ID: BN-21-S1-MW203
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.6	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-6
Client ID: BN-21-S1-MW203
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Matrix: WATER
Percent Solids: 0.00

Client Field ID: BN-21-S1-MW203
SDG Name: WS3956
Lab Sample ID: WS3956-006

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	28.0			P	1
7440-41-7	BERYLLIUM	0.45	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	73100			P	1
7440-47-3	CHROMIUM	6.1	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	33.8	B		P	1
7439-92-1	LEAD	2.2	B		P	1
7439-95-4	MAGNESIUM	21400			P	1
7439-96-5	MANGANESE	3.5	B		P	1
7439-97-6	MERCURY	0.01	U		CV	1
7440-02-0	NICKEL	3.9	B		P	1
7440-09-7	POTASSIUM	3970			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	22000			P	1
7440-28-0	THALLIUM	0.12	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-10
Client ID: BN-21-S1-MWXD1
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.6	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	J	0.5	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-10
Client ID: BN-21-S1-MWXD1
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-MWXD1

Matrix: WATER **SDG Name:** WS3956

Percent Solids: 0.00 **Lab Sample ID:** WS3956-010

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	28.1			P	1
7440-41-7	BERYLLIUM	0.56	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	74300			P	1
7440-47-3	CHROMIUM	10.8	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	67.5	B		P	1
7439-92-1	LEAD	1.4	B		P	1
7439-95-4	MAGNESIUM	21000			P	1
7439-96-5	MANGANESE	6.2			P	1
7439-97-6	MERCURY	0.15	B		CV	1
7440-02-0	NICKEL	7.4	B		P	1
7440-09-7	POTASSIUM	3570			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	20900			P	1
7440-28-0	THALLIUM	0.20	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.7	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-8
Client ID: BN-21-S1-MW204
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		108%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-8
Client ID: BN-21-S1-MW204
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-21-S1-MW204
Matrix: WATER
SDG Name: WS3956
Percent Solids: 0.00
Lab Sample ID: WS3956-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	1.4	B		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	3700			P	1
7440-47-3	CHROMIUM	11.8	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	68.6	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	1170			P	1
7439-96-5	MANGANESE	3.6	B		P	1
7439-97-6	MERCURY	0.15	B		CV	1
7440-02-0	NICKEL	9.3	B		P	1
7440-09-7	POTASSIUM	642	B		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	4440			P	1
7440-28-0	THALLIUM	0.40	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-4
Client ID: BN-21-S1-MW217B
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene		2	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane		5	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		3	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	140	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-4
Client ID: BN-21-S1-MW217B
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-MW217B

Matrix: WATER **SDG Name:** WS3956

Percent Solids: 0.00 **Lab Sample ID:** WS3956-004

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	102	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	83.9			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	91400			P	1
7440-47-3	CHROMIUM	23.5			P	1
7440-48-4	COBALT	5.9	B		P	1
7440-50-8	COPPER	3.7	B		P	1
7439-89-6	IRON	8430			P	1
7439-92-1	LEAD	2.2	B		P	1
7439-95-4	MAGNESIUM	38700			P	1
7439-96-5	MANGANESE	2040			P	1
7439-97-6	MERCURY	0.14	B		CV	1
7440-02-0	NICKEL	29.2	B		P	1
7440-09-7	POTASSIUM	5680			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	323000			P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	13.0	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-5
Client ID: BN-21-S1-MW218
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.6	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-5
Client ID: BN-21-S1-MW218
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-MW218

Matrix: WATER **SDG Name:** WS3956

Percent Solids: 0.00 **Lab Sample ID:** WS3956-005

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	519			P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	114			P	1
7440-39-3	BARIUM	4.3	B		P	1
7440-41-7	BERYLLIUM	0.45	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	13200			P	1
7440-47-3	CHROMIUM	27.9			P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	3080			P	1
7439-92-1	LEAD	2.1	B		P	1
7439-95-4	MAGNESIUM	8400			P	1
7439-96-5	MANGANESE	480			P	1
7439-97-6	MERCURY	0.18	B		CV	1
7440-02-0	NICKEL	25.6	B		P	1
7440-09-7	POTASSIUM	8970			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	242000			P	1
7440-28-0	THALLIUM	0.13	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	25.7			P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-9
Client ID: BN-21-S1-MW219
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-9
Client ID: BN-21-S1-MW219
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-MW219

Matrix: WATER **SDG Name:** WS3956

Percent Solids: 0.00 **Lab Sample ID:** WS3956-009

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	83.6	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	3.9	B		P	1
7440-41-7	BERYLLIUM	0.45	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	11000			P	1
7440-47-3	CHROMIUM	5.1	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	151			P	1
7439-92-1	LEAD	1.8	B		P	1
7439-95-4	MAGNESIUM	3930			P	1
7439-96-5	MANGANESE	2.2	B		P	1
7439-97-6	MERCURY	0.12	B		CV	1
7440-02-0	NICKEL	4.4	B		P	1
7440-09-7	POTASSIUM	1040			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	7070			P	1
7440-28-0	THALLIUM	0.29	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	3.2	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-7
Client ID: BN-21-S1-MW240
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-7
Client ID: BN-21-S1-MW240
SDG: WS3956
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		89%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-MW240

Matrix: WATER **SDG Name:** WS3956

Percent Solids: 0.00 **Lab Sample ID:** WS3956-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	5410			P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	3.2	B		P	1
7440-39-3	BARIUM	14.6			P	1
7440-41-7	BERYLLIUM	0.69	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	10400			P	1
7440-47-3	CHROMIUM	37.4			P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	34.8			P	1
7439-89-6	IRON	964			P	1
7439-92-1	LEAD	2.2	B		P	1
7439-95-4	MAGNESIUM	2020			P	1
7439-96-5	MANGANESE	30.8			P	1
7439-97-6	MERCURY	0.11	B		CV	1
7440-02-0	NICKEL	31.6	B		P	1
7440-09-7	POTASSIUM	3280			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	5260			P	1
7440-28-0	THALLIUM	0.66	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	2.4	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-1
Client ID: BN-21-S1-MW2101
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-1
Client ID: BN-21-S1-MW2101
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-21-S1-MW2101
Matrix: WATER
SDG Name: WS3956
Percent Solids: 0.00
Lab Sample ID: WS3956-001

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	85.2	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	47.8			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	49300			P	1
7440-47-3	CHROMIUM	1.8	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	0.90	U		P	1
7439-89-6	IRON	16.0	B		P	1
7439-92-1	LEAD	2.1	B		P	1
7439-95-4	MAGNESIUM	4520			P	1
7439-96-5	MANGANESE	23.1			P	1
7439-97-6	MERCURY	0.22			CV	1
7440-02-0	NICKEL	5.4	B		P	1
7440-09-7	POTASSIUM	5700			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	4.76	U		P	1
7440-23-5	SODIUM	3250			P	1
7440-28-0	THALLIUM	0.42	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	3.6	B		P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

Appendix H.2

Groundwater Samples – Eastern Plume

APPENDIX H.2

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Monitoring Wells	
BN-21-EP-MW207AR	MW-207AR
BN-21-EP-MW225A	MW-225A
BN-21-EP-MWXD3	MW-225A –Duplicate
BN-21-EP-MW230A	MW-230A
BN-21-EP-MW231A	MW-231A
BN-21-EP-MW231B	MW-231B
BN-21-EP-MW303	MW-303
BN-21-EP-MW305	MW-305
BN-21-EP-MW308	MW-308
BN-21-EP-MWXD1	MW-308 – Duplicate
BN-21-EP-MW309B	MW-309B
BN-21-EP-MW313	MW-313
BN-21-EP-MW318	MW-318
BN-21-EP-MW330	MW-330
BN-21-EP-MW333	MW-333
BN-21-EP-MW334	MW-334
BN-21-EP-MWXD2	MW-334 - Duplicate
BN-21-EP-MW1104	MW-1104
BN-21-EP-P106	P-106
BN-21-EP-P111	P-111
BN-21-EP-P132	P-132
Trip Blanks	
BN-21-EP-QT1	Trip Blank (QT-01)
BN-21-EP-QT5	Trip Blank (QT-05)
BN-6-S2-QT6	Trip Blank (QT-06)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd.
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS4074 and WS4075
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC	Filt. ☐Y☒N Metals	Filt. ☒Y☐N ~~VOC~~ Metals	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-6-S2-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-S2-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-S2-LTXD1	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-S2-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-S2-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-S2-QT6	/	H_2O	2	x									
	BN-6-S2-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-QS5	10/17/07 —	H_2O	4	x	x								
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R 0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/07 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/07 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/07 —	H2O	4	x	x								
		/												
		/												
		/												
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/07 1517	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.4
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54675
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Pesticides (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-P106 ~~[illegible]~~	10/22/02 1320	H_2O	3	X									
	BN-21-EP-P111	10/22/02 1220	H_2O	3	X									
	BN-6-S2-SD058	10/22/02 —	H_2O	2		X								
		/												
		/												
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54675
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-SW13	10/21/02/1450	H_2O	9	x						MS/MSD			
	BN-21-EP-SW14	10/21/02/1510		3	x									
	BN-21-EP-SWXD2	10/21/02/—		3	x									
	BN-21-EP-SW12	10/22/02/0850		3	x									
	BN-21-EP-SW11	10/21/02/1520		3	x									
	BN-21-EP-SW10	10/22/02/0925		3	x									
		/												
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		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: LA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.4 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY

WORK ORDER #: ~~W-4074~~ W-5207-75

KATAHDIN PROJECT MANAGER: _____

REMARKS: _____

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO: _____

TEMP°C _____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-LT11	10/22/02/0910	H_2O	9	x					MS/MSD				
	BN-21-EP-LTxD4	10/22/02 —	H_2O	3	x									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R 0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client	Contact	Phone #	Fax #
EA Engineering, Science, and Technology	Charles Springer	(508) 485-2982	(508) 485-5[illegible]

Address: 333 Turnpike Rd (Rte 9), Southborough Technology Park, City: Southborough, State: MA, Zip Code: 01772

Purchase Order #: Proj. Name / No.: Katahdin Quote #:

Bill (if different than above): Address:

Sampler (Print / Sign): Copies To:

LAB USE ONLY

WORK ORDER #: W53957

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓									
	BN-21-EP-MW303	10/9/02 12:20		3	✓									
	BN-21-EP-MW305	10/9/02 16:08		3	✓									
	BN-21-EP-P132	10/10/02 11:00		3	✓									
	BN-21-EP-MW309B	10/10/02 14:45		3	✓									
	BN-21-EP-MW308	10/10/02 18:10		9	✓									
	BN-21-EP-MW330	10/10/02 18:30		3	✓									
	BN-21-EP-MWXD1	10/10/02 —		3	✓									
	BN-21-EP-QT1	10/10/02 —		2	✓									
		/												
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		/												
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		/												
		/												

Extra volume provided for MS/MSD samples

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/10/02	[signature] 10-11-02 1415			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering, Science, and Technology
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 3 Turnpike Rd (Rte 9), Southborough Technology Park, Southborough, MA
City / State / Zip Code: 01772
Purchase Order #
Proj. Name / No.
Katahdin Quote #
Bill (if different than above)
Address
Sampler (Print / Sign)
Copies To:

LAB USE ONLY
WORK ORDER #: W53957
KATAHDIN PROJECT MANAGER
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

★	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓									
	BN-21-EP-MW303	10/9/02 12:20		3	✓									
	BN-21-EP-MW305	10/9/02 16:08		3	✓									
	BN-21-EP-P132	10/10/02 11:00		3	✓									
	BN-21-EP-MW309B	10/10/02 14:45		3	✓									
	BN-21-EP-MW308	10/10/02 18:10		9	✓									
	BN-21-EP-MW330	10/10/02 18:30		3	✓									
	BN-21-EP-MWXD1	10/10/02 —		3	✓									
	BN-21-EP-QT1	10/10/02 —		2	✓									
		/												
		/												
		/												
		/												
		/												
		/												
		/												

Extra volume provided for MS/MSD samples

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
	10/10/02 1000	10-11-02 1415			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC (R 2002)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 TPK Rd
City: Southboro, MA
State: 01772
Zip Code:
Purchase Order #: 29600.47
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Mark A. Carver
Copies To:

LAB USE ONLY
WORK ORDER #: W4001
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	Filt. ☐Y ☒N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-MW225A	10/16/02 1040	H2O	9	✓										
	BN-21-EP-MW231A	10/16/02 1147		3	✓										
	" MWXD3	10/16/02 —		3	✓										
	" MW333	10/16/02 1415		3	✓										
	" MW313	10/16/02 1137		3	✓										
	" MW230A	10/15/02 1619		3	✓										
	" MW207A	10/14/02 1430		3	✓										
	" MW231B	10/15/02 1407		3	✓										
	" MW334	10/16/02 1345		3	✓										
	" MWXD2	10/16/02 —		3	✓										
	" MW318	10/15/02 1630		3	✓										
	" ~~EW~~ 1	10/15/02 1140		3	✓										
	" EW2A	10/15/02 1045		3	✓										
	" EW4	10/15/02 0930		3	✓										
	" EW5A	10/14/02 1120		3	✓										
	" TPEFF	10/16/02 1605	↓	3	✓										

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Carver	10/16/02 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 Tpk Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Mark Carver Mark A. Co
Copies To:

LAB USE ONLY
WORK ORDER #: WS4001 + WS4002
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-TPINS	10/16/07 1600	H_2O	3	✓									
	BN-21-EP-QTS	10/16/07		2	✓	Trip								
	" DS225AS	10/16/07 0900		9	✓									
	" DS225AM	10/16 /0905		3	✓									
	" DS225AD	10/16 /0910		3	✓									
	" DSDXD6	10/16 / —		3	✓									
	" DS105AD	10/15 / 1415		2	✓									
	" DS230AD	10/15 / 1500		3	✓									
	" DS230AM	10/15 / 1455		3	✓									
	" DS230AS	10/15 / 1450		3	✓									
	" DS209D	10/15 / 1435		3	✓						DS205D per CS 10/1			
	" DSXD5	10/16 / —		3	✓									
	" DS334D	10/16 / 1130		3	✓									
	" DS334M	10/16 / 1125		3	✓									
	" DS334S	10/16 / 1120		3	✓									
	" DS318D	10/15 / 1529		3	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Co	10/16/07 1715	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 Tpk
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS4002 1st + WS4003 2nd
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☐N VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐
BN-21-EP-	DS318M	10/15/02 1527	A_2O	3	✓									
"	DS318S	10/15 / 1525		3	✓									
"	DS224M	10/15/0945		3	✓									
"	DS229AM	10/15/1155		3	✓									
"	DS332M	10/15/1115		9	✓									
"	DS331M	10/15 /1040		3	✓									
"	~~DS~~XD4	10/16 / —		3	✓									
"	DS-333S	10/16 /1155		3	✓									
"	DS333M	10/16 /1157		3	✓									
"	DS333D	10/16 /1200		3	✓									
"	DS231BM	10/15 /1045		3	✓									
"	DS231BS	10/15 /1047		3	✓									
"	DS231BD	10/15/1050		3	✓									
"	DSXD2	10/15/ —		3	✓									
"	DS311D	10/15/1050		3	✓									
"	DS319D	10/15/1015	✓	3	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark D. Co	10/16/02 1715	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 TPK Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS4003
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-DS ~~33~~ 231AS	10/15/0920	H_2O	3	✓									
	" DS231AM	10/15/0922		3	✓									
	" DS231AD	10/15/0924		3	✓									
	" DS313S	10/16/0910		3	✓									
	DS 313M	10/16/0912		3	✓									
	" DS313D	10/16/0915		3	✓									
	QT5	— / —		2	✓	TRIP								
		/												
		/												
		/												
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		/												
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		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/16/02 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/14/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-6
Client ID: BN-21-EP-MW207A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	J	1.0	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		18	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		16	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		6	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		18	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		80%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/14/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-6
Client ID: BN-21-EP-MW207A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 11/02/02
Analysis Date: 10/18/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-1
Client ID: BN-21-EP-MW225A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG910
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.7	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		22	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	J	0.8	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		15	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		5	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		22	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		109%				
17060-07-0	1,2-Dichloroethane-D4		121%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 11/02/02
Analysis Date: 10/18/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-1
Client ID: BN-21-EP-MW225A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG910
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-3
Client ID: BN-21-EP-MWXD3
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		18	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		14	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		18	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-3
Client ID: BN-21-EP-MWXD3
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-5
Client ID: BN-21-EP-MW230A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		3	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-5
Client ID: BN-21-EP-MW230A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/18/02
Analysis Date: 10/18/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-2
Client ID: BN-21-EP-MW231A
SDG: WS4001
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG910
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		108%				
17060-07-0	1,2-Dichloroethane-D4		120%				
2037-26-5	Toluene-D8		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/18/02
Analysis Date: 10/18/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-2
Client ID: BN-21-EP-MW231A
SDG: WS4001
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG910
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-7
Client ID: BN-21-EP-MW231B
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-7
Client ID: BN-21-EP-MW231B
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-2
Client ID: BN-21-EP-MW303
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-2
Client ID: BN-21-EP-MW303
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-3
Client ID: BN-21-EP-MW305
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-3
Client ID: BN-21-EP-MW305
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-6
Client ID: BN-21-EP-MW308
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-6
Client ID: BN-21-EP-MW308
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-8
Client ID: BN-21-EP-MWXD1
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-8
Client ID: BN-21-EP-MWXD1
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-5
Client ID: BN-21-EP-MW309B
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		113%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-5
Client ID: BN-21-EP-MW309B
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-15
Client ID: BN-21-EP-MW313
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		5	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		6	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-15
Client ID: BN-21-EP-MW313
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-10
Client ID: BN-21-EP-MW318
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-10
Client ID: BN-21-EP-MW318
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-7
Client ID: BN-21-EP-MW330
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		114%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-7
Client ID: BN-21-EP-MW330
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-4
Client ID: BN-21-EP-MW333
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		5	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		6	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		80%				
17060-07-0	1,2-Dichloroethane-D4		84%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-4
Client ID: BN-21-EP-MW333
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-8
Client ID: BN-21-EP-MW334
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/22/02
Analysis Date: 10/22/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-8
Client ID: BN-21-EP-MW334
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1140
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-9
Client ID: BN-21-EP-MWXD2
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-9
Client ID: BN-21-EP-MWXD2
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-1
Client ID: BN-21-EP-MW1104
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-1
Client ID: BN-21-EP-MW1104
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/29/02
Analysis Date: 10/29/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-9
Client ID: BN-21-EP-P106
SDG: WS4075
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1163
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		130	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		41	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		26	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	E	930	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	E	390	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		9	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		26	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		83%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/29/02
Analysis Date: 10/29/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-9
Client ID: BN-21-EP-P106
SDG: WS4075
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1163
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-9
Client ID: BN-21-EP-P106-DL
SDG: WS4075
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1166
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	20	10	2	20	3
75-01-4	Vinyl chloride	U	20	10	2	20	1
74-83-9	Bromomethane	U	20	10	2	20	9
75-00-3	Chloroethane	U	20	10	2	20	3
75-35-4	1,1-Dichloroethene		53	10	1	10	3
75-15-0	Carbon Disulfide	U	10	10	1	10	2
75-09-2	Methylene Chloride	U	20	10	2	20	3
67-64-1	Acetone	U	50	10	5	50	28
156-60-5	trans-1,2-Dichloroethene	U	10	10	1	10	7
75-34-3	1,1-Dichloroethane		19	10	1	10	1
156-59-2	cis-1,2-Dichloroethene		10	10	1	10	5
67-66-3	Chloroform	U	10	10	1	10	2
56-23-5	Carbon Tetrachloride	U	10	10	1	10	3
71-55-6	1,1,1-Trichloroethane		430	10	1	10	7
78-93-3	2-Butanone	U	50	10	5	50	19
71-43-2	Benzene	U	10	10	1	10	1
107-06-2	1,2-Dichloroethane	U	10	10	1	10	3
79-01-6	Trichloroethene		170	10	1	10	6
78-87-5	1,2-Dichloropropane	U	10	10	1	10	2
75-27-4	Bromodichloromethane	U	10	10	1	10	2
10061-01-5	cis-1,3-dichloropropene	U	10	10	1	10	4
108-88-3	Toluene	B	11	10	1	10	2
108-10-1	4-methyl-2-pentanone	U	50	10	5	50	18
127-18-4	Tetrachloroethene	J	4	10	1	10	4
10061-02-6	trans-1,3-Dichloropropene	U	10	10	1	10	4
79-00-5	1,1,2-Trichloroethane	U	10	10	1	10	3
124-48-1	Dibromochloromethane	U	10	10	1	10	3
591-78-6	2-Hexanone	U	50	10	5	50	16
108-90-7	Chlorobenzene	U	10	10	1	10	2
100-41-4	Ethylbenzene	U	10	10	1	10	1
	m+p-Xylenes	U	20	10	2	20	2
95-47-6	o-Xylene	U	10	10	1	10	2
100-42-5	Styrene	U	10	10	1	10	3
75-25-2	Bromoform	U	10	10	1	10	4
79-34-5	1,1,2,2-Tetrachloroethane	U	10	10	1	10	4
541-73-1	1,3-Dichlorobenzene	U	10	10	1	10	2
106-46-7	1,4-Dichlorobenzene	U	10	10	1	10	2
95-50-1	1,2-Dichlorobenzene	U	10	10	1	10	2
540-59-0	1,2-Dichloroethylene (total)	U	20	10	2	20	12
1330-20-7	Xylenes (total)	U	30	10	3	30	3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-9
Client ID: BN-21-EP-P106-DL
SDG: WS4075
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1166
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/29/02
Analysis Date: 10/29/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-10
Client ID: BN-21-EP-P111
SDG: WS4075
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1163
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	J	0.6	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/29/02
Analysis Date: 10/29/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-10
Client ID: BN-21-EP-P111
SDG: WS4075
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1163
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-4
Client ID: BN-21-EP-P132
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-4
Client ID: BN-21-EP-P132
SDG: WS3957
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG840
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-13
Client ID: BN-21-EP-QT5
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-13
Client ID: BN-21-EP-QT5
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

Appendix H.3

Aqueous Samples – Groundwater Extraction and Treatment System

APPENDIX H.3

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
BN-21-EP-EW1	EW-1
BN-21-EP-EW2A	EW-2A
BN-21-EP-EW4	EW-4
BN-21-EP-EW5A	EW-5A
BN-21-EP-TPINF	Influent (Eastern Plume)
BN-21-EP-TPEFF	Effluent
Trip Blank	
BN-21-EP-QT5	Trip Blank (QT-05)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 TPK Rd
City: Southboro, MA
State: 01772
Zip Code:
Purchase Order #: 29600.42
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Mark A. Carver
Copies To:

LAB USE ONLY
WORK ORDER #: W4001
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N
	BN-21-EP-MW225A	10/16/02 1040	H2O	9	✓										
	BN-21-EP-MW231A	10/16/02 1147		3	✓										
	" MWXD3	10/16/02 —		3	✓										
	" MW333	10/16/02 1415		3	✓										
	" MW313	10/16/02 1137		3	✓										
	" MW230A	10/15/02 1619		3	✓										
	" MW207A	10/14/02 1430		3	✓										
	" MW231B	10/15/02 1407		3	✓										
	" MW334	10/16/02 1345		3	✓										
	" MWXD2	10/16/02 —		3	✓										
	" MW318	10/15/02 1630		3	✓										
	" ~~EW~~ 1	10/15/02 1140		3	✓										
	" EW2A	10/15/02 1045		3	✓										
	" EW4	10/15/02 0930		3	✓										
	" EW5A	10/14/02 1120		3	✓										
	" TPEF	10/16/02 1605	↓	3	✓										

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Carver	10/16/02 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES. EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 Tpk Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign): Mark Carver Mark A. Co
Copies To:

LAB USE ONLY
WORK ORDER #: WS4001 + WS4002
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐
	BN-21-EP-TPINS	10/16/07 1600	H2O	3	✓									
	BN-21-EP-QTS	10/16/07		2	✓	Trip								
	" DS225AS	10/16/07 0900		9	✓									
	" DS225AM	10/16 /0905		3	✓									
	" DS225AD	10/16 /0910		3	✓									
	" DSDXD6	10/16 / —		3	✓									
	" DS105AD	10/15 / 1415		2	✓									
	" DS230AD	10/15 / 1500		3	✓									
	" DS230AM	10/15 / 1455		3	✓									
	" DS230AS	10/15 / 1450		3	✓									
	" DS209D	10/15 / 1435		3	✓					DS205D per CS 10/1				
	" DSXDS	10/16 / —		3	✓									
	" DS334D	10/16 / 1130		3	✓									
	" DS334M	10/16 / 1125		3	✓									
	" DS334S	10/16 / 1120		3	✓									
	" DS318D	10/15 / 1529		3	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Co	10/16/07 1715	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: ( )

Address: 333 Tpk | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB LTMP | Katahdin Quote #:

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY | WORK ORDER #: WS4002 1st + WS4003 2nd | KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☐N: VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐
	BN-21-EP-DS318M	10/15/02 1527	H_2O	3	✓									
	" DS318S	10/15 / 1525		3	✓									
	" DS224M	10/15/0945		3	✓									
	" DS229AM	10/15/1155		3	✓									
	DS332M	10/15/1115		9	✓									
	" DS331M	10/15 /1040		3	✓									
	" ~~DS~~XD4	10/16 / —		3	✓									
	" DS-333S	10/16 / 1155		3	✓									
	" DS333M	10/16 /1157		3	✓									
	" DS333D	10/16 / 1200		3	✓									
	" DS231BM	10/15 /1045		3	✓									
	" DS231BS	10/15 /1047		3	✓									
	" DS231BD	10/15/1050		3	✓									
	" DSXD2	10/15/ —		3	✓									
	" DS311D	10/15/1050		3	✓									
	" DS319D	10/15/1015	↓	3	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/16/02 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client EA | Contact Charlie Springer | Phone # (508) 485-2982 | Fax # ( )

Address 333 TPK Rd | City Southboro | State MA | Zip Code 01772

Purchase Order # 29600.47 | Proj. Name / No. NASB LTMP | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY WORK ORDER #: WS4003
KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-DS ~~331A~~ 231AS	10/15/0920	H_2O	3	✓									
	" DS231AM	10/15/0922		3	✓									
	" DS231AD	10/15/0924		3	✓									
	" DS313S	10/16/0910		3	✓									
	" DS 313M	10/16/0912		3	✓									
	" DS313D	10/16/0915		3	✓									
	QTS	— / —		2	✓	TRIP								
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Co	10/16/02 1715	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-11
Client ID: BN-21-EP-EW1
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		3	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		11	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		15	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		27	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		11	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-11
Client ID: BN-21-EP-EW1
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-12
Client ID: BN-21-EP-EW2A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		27	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		10	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		32	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		200	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		88	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		10	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		32	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-12
Client ID: BN-21-EP-EW2A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-13
Client ID: BN-21-EP-EW4
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		22	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		14	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		56	1.0	1	1	0.5
67-66-3	Chloroform		3	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	E	220	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		92	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		3	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		56	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-13
Client ID: BN-21-EP-EW4
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-13
Client ID: BN-21-EP-EW4-DL
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	4	2.0	2	4	0.6
75-01-4	Vinyl chloride	U	4	2.0	2	4	0.2
74-83-9	Bromomethane	U	4	2.0	2	4	2
75-00-3	Chloroethane	U	4	2.0	2	4	0.5
75-35-4	1,1-Dichloroethene		17	2.0	1	2	0.6
75-15-0	Carbon Disulfide	U	2	2.0	1	2	0.3
75-09-2	Methylene Chloride	U	4	2.0	2	4	0.7
67-64-1	Acetone	U	10	2.0	5	10	6
156-60-5	trans-1,2-Dichloroethene	U	2	2.0	1	2	1
75-34-3	1,1-Dichloroethane		11	2.0	1	2	0.2
156-59-2	cis-1,2-Dichloroethene		48	2.0	1	2	0.9
67-66-3	Chloroform		3	2.0	1	2	0.4
56-23-5	Carbon Tetrachloride	U	2	2.0	1	2	0.6
71-55-6	1,1,1-Trichloroethane		190	2.0	1	2	1
78-93-3	2-Butanone	U	10	2.0	5	10	4
71-43-2	Benzene	U	2	2.0	1	2	0.3
107-06-2	1,2-Dichloroethane	U	2	2.0	1	2	0.6
79-01-6	Trichloroethene		77	2.0	1	2	1
78-87-5	1,2-Dichloropropane	U	2	2.0	1	2	0.4
75-27-4	Bromodichloromethane	U	2	2.0	1	2	0.5
10061-01-5	cis-1,3-dichloropropene	U	2	2.0	1	2	0.9
108-88-3	Toluene	U	2	2.0	1	2	0.4
108-10-1	4-methyl-2-pentanone	U	10	2.0	5	10	4
127-18-4	Tetrachloroethene		2	2.0	1	2	0.7
10061-02-6	trans-1,3-Dichloropropene	U	2	2.0	1	2	0.8
79-00-5	1,1,2-Trichloroethane	U	2	2.0	1	2	0.6
124-48-1	Dibromochloromethane	U	2	2.0	1	2	0.5
591-78-6	2-Hexanone	U	10	2.0	5	10	3
108-90-7	Chlorobenzene	U	2	2.0	1	2	0.4
100-41-4	Ethylbenzene	U	2	2.0	1	2	0.2
	m+p-Xylenes	U	4	2.0	2	4	0.4
95-47-6	o-Xylene	U	2	2.0	1	2	0.3
100-42-5	Styrene	U	2	2.0	1	2	0.6
75-25-2	Bromoform	U	2	2.0	1	2	0.9
79-34-5	1,1,2,2-Tetrachloroethane	U	2	2.0	1	2	0.8
541-73-1	1,3-Dichlorobenzene	U	2	2.0	1	2	0.4
106-46-7	1,4-Dichlorobenzene	U	2	2.0	1	2	0.3
95-50-1	1,2-Dichlorobenzene	U	2	2.0	1	2	0.5
540-59-0	1,2-Dichloroethylene (total)		48	2.0	2	4	2
1330-20-7	Xylenes (total)	U	6	2.0	3	6	0.7
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-13
Client ID: BN-21-EP-EW4-DL
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/14/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-14
Client ID: BN-21-EP-EW5A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		6	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		5	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		4	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		32	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		21	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		4	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		93%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/14/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-14
Client ID: BN-21-EP-EW5A
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-12
Client ID: BN-21-EP-TPINF
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		19	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		35	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		35	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		10	1.0	1	1	0.1
67-66-3	Chloroform		2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		190	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		83	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-12
Client ID: BN-21-EP-TPINF
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-15
Client ID: BN-21-EP-TPEFF
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-15
Client ID: BN-21-EP-TPEFF
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-13
Client ID: BN-21-EP-QT5
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-13
Client ID: BN-21-EP-QT5
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		104%				

Appendix H.4

Surface Water Samples – Sites 1 and 3

APPENDIX H.4

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Surface Water Samples	
BN-6-S2-SW04	SW-04
BN-6-S2-SWXD1	SW-04 - Duplicate
BN-6-S2-SW7	SW-07
BN-21-S1-SW8	SW-08
BN-21-S1-SW9	SW-09
BN-21-S1-SW15	SW-15
BN-21-S1-SW16	SW-16
Trip Blank	
BN-6-S2-QT6	Trip Blank (QT-06)
Equipment Rinsate Blank	
BN-21-S1-LTQS6	Rinsate Blank (QS-006)
BN-6-S2-QS5	Rinsate Blank (QS-005)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS4674
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N TAL Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-SW9	10/18/02 1415	H_2O	12	x	x				MS/MSD				
	~~BN-21-S1-SWXD1~~	~~10/18/02 —~~		~~4~~	~~x~~	~~x~~								
	BN-21-S1-SW8	10/18/02 1445		4	x	x								
	BN-21-S1-SW16	10/21/02 1000		1		x								
	BN-21-S1-SW15	10/21/02 1015		1		x								

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W41074
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N 6010/7000 TAL Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-51-LT9	10/18/07 1015	H2O	12	x	x			MS/MSD					
	BN-21-51-LTXD3	10/18/07 —		4	x	x								
	BN-21-51-LT5	10/18/07 1120		4	x	x								
	BN-21-51-LT4	10/18/07 1115		4	x	x								
	BN-21-51-LT3	10/18/07 1040		4	x	x								
	BN-21-51-LT1	10/18/07 1000		4	x	x								
	BN-21-51-LTQS6	10/18/07 —		4	x	x								
		/												
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		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

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Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/02 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/02 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/02 —	H2O	4	x	x								
		/												
		/												
		/												
		/												
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		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KAS-COC1 (R.0900)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-[illegible]2

Address: 333 Turnpike Rd. | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY | WORK ORDER #: WS4074 any WS4075

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC	Filt. ☐Y☒N Metals	Filt. ☒Y☐N Metals	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-6-52-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-52-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-52-LTXD1	10/17/07 —	H_2O	4	x	x								
	BN-6-52-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-52-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-52-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-52-QT6	/	H_2O	2	x									
	BN-6-52-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-52-QS5	10/17/07 —	H_2O	4	x	x								
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-10
Client ID: BN-6-S2-SW04
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-10
Client ID: BN-6-S2-SW04
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-6-S2-SW04
Matrix: WATER
SDG Name: WS4078
Percent Solids: 0.00
Lab Sample ID: WS4078-010

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	259	B		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	22.8			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	6840			P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.8	B	N	P	1
7439-89-6	IRON	1130			P	1
7439-92-1	LEAD	1.6	B		P	1
7439-95-4	MAGNESIUM	1530			P	1
7439-96-5	MANGANESE	185			P	1
7439-97-6	MERCURY	0.01	U		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2380		N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	10600			P	1
7440-28-0	THALLIUM	0.16	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	10.7	B	N	P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-12
Client ID: BN-6-S2-SWXD1
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		102%				
17060-07-0	1,2-Dichloroethane-D4		107%				
2037-26-5	Toluene-D8		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-12
Client ID: BN-6-S2-SWXD1
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-6-S2-SWXD1
Matrix: WATER
SDG Name: WS4078
Percent Solids: 0.00
Lab Sample ID: WS4078-012

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	270	B		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	23.6			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	6980			P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	1090			P	1
7439-92-1	LEAD	1.4	B		P	1
7439-95-4	MAGNESIUM	1540			P	1
7439-96-5	MANGANESE	183			P	1
7439-97-6	MERCURY	0.06	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2420		N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	11100			P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	9.2	B	N	P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-11
Client ID: BN-6-S2-SW7
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		112%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-11
Client ID: BN-6-S2-SW7
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-SW7

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-011

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	255	B		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	24.2			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	7340			P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	1130			P	1
7439-92-1	LEAD	1.5	B		P	1
7439-95-4	MAGNESIUM	1650			P	1
7439-96-5	MANGANESE	199			P	1
7439-97-6	MERCURY	0.08	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2260		N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	11600			P	1
7440-28-0	THALLIUM	0.10	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	14.3	B	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/27/02
Analysis Date: 10/27/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-10
Client ID: BN-21-S1-SW8
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1018
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.6	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/27/02
Analysis Date: 10/27/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-10
Client ID: BN-21-S1-SW8
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1018
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-SW8

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-010

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	173	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	22.9			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	9300			P	1
7440-47-3	CHROMIUM	6.18	U		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.4	B		P	1
7439-89-6	IRON	1330			P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	1940		N	P	1
7439-96-5	MANGANESE	318			P	1
7439-97-6	MERCURY	0.11	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2650			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	11600			P	1
7440-28-0	THALLIUM	0.26	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	12.7	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-8
Client ID: BN-21-S1-SW9
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	J	0.5	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.3	1.0	1	1	0.1
	m+p-Xylenes	JB	1	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.2	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	1	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-8
Client ID: BN-21-S1-SW9
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-SW9

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	180	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	22.8			P	1
7440-41-7	BERYLLIUM	0.44	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	9460			P	1
7440-47-3	CHROMIUM	6.18	U		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	1240			P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	1960		N	P	1
7439-96-5	MANGANESE	315			P	1
7439-97-6	MERCURY	0.07	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2620			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	11700			P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	8.1	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-21-S1-SW15
Matrix: WATER
SDG Name: WS4074
Percent Solids: 0.00
Lab Sample ID: WS4074-012

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	83.4	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	26.2			P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	10400			P	1
7440-47-3	CHROMIUM	6.18	U		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	1120			P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	2200		N	P	1
7439-96-5	MANGANESE	446			P	1
7439-97-6	MERCURY	0.10	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2600			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	15600			P	1
7440-28-0	THALLIUM	0.15	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	7.0	B		P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-SW16

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-011

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	88.2	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	29.2			P	1
7440-41-7	BERYLLIUM	0.44	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	11200			P	1
7440-47-3	CHROMIUM	6.3	B		P	1
7440-48-4	COBALT	5.7	B		P	1
7440-50-8	COPPER	3.4	B		P	1
7439-89-6	IRON	1020			P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	2420		N	P	1
7439-96-5	MANGANESE	290			P	1
7439-97-6	MERCURY	0.10	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	2930			P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	15700			P	1
7440-28-0	THALLIUM	0.16	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	8.3	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-7
Client ID: BN-21-S1-LTQS6
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	J	0.5	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.4	1.0	1	1	0.1
	m+p-Xylenes	JB	1.0	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	1	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-7
Client ID: BN-21-S1-LTQS6
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		102%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTQS6

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	27.5	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.56	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.8	B		P	1
7440-47-3	CHROMIUM	6.2	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	47.3	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U	N	P	1
7439-96-5	MANGANESE	3.4	B		P	1
7439-97-6	MERCURY	0.04	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	625	B		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	129	B		P	1
7440-28-0	THALLIUM	0.12	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-9
Client ID: BN-6-S2-QS5
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.9	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-9
Client ID: BN-6-S2-QS5
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		89%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-6-S2-QS5

Matrix: WATER | **SDG Name:** WS4078

Percent Solids: 0.00 | **Lab Sample ID:** WS4078-009

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	7.5	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	40.1	B		P	1
7440-28-0	THALLIUM	0.21	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-6-S2-QD2

Matrix: WATER | **SDG Name:** WS4078

Percent Solids: 0.00 | **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV.	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

Appendix H.5

Surface Water Samples – Eastern Plume

APPENDIX H.5

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Surface Water Samples	
BN-21-EP-SW10	SW-10
BN-21-EP-SW11	SW-11
BN-21-EP-SW12	SW-12
BN-21-EP-SW13	SW-13
BN-21-EP-SWXD2	SW-13
BN-21-EP-SW14	SW-14
Trip Blank	
BN-6-S2-QT6	Trip Blank (QT-06)
Equipment Rinsate Blank	
BN-21-S1-LTQS6	Rinsate Blank (QS-006)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: A Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY | WORK ORDER #: W54675 | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-SW13	10/21/02/1450	H_2O	9	x						MS/MSD			
	BN-21-EP-SW14	10/21/02/1510	↓	3	x									
	BN-21-EP-SWXD2	10/21/02/—	↓	3	x									
	BN-21-EP-SW12	10/22/02/0850	↓	3	x									
	BN-21-EP-SW11	10/21/02/1520	↓	3	x									
	BN-21-EP-SW10	10/22/02/0925	↓	3	x									
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

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THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KAS-COC1 (R 0900)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-[illegible]12

Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772

Purchase Order #: 29600.4
Proj. Name / No.: NASB
Katahdin Quote #:

Bill (if different than above):
Address:

Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS4075
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC 8260B	Filt. ☐Y☒N Pesticides	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP ~~[illegible]~~ P106	10/22/02 1320	H_2O	3	X									
	BN-21-EP-P111	10/22/02 1220	H_2O	3	X									
	BN-6-S2-SDQ58	10/22/02 —	H_2O	2		X								
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: SA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.4 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY

WORK ORDER #: ~~WF4074~~ MW5107-5

KATAHDIN PROJECT MANAGER: _____

REMARKS: _____

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO: _____

TEMP°C _____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-LT11	10/22/02/0910	H_2O	9	x					MS/MSD				
	BN-21-EP-LTXD4	10/22/02 —	H_2O	3	x									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

KAS-COC1 (R.0900)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-[illegible]42

Address: 333 Turnpike Rd. | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY | WORK ORDER #: ~~WS4074~~ ~~WS4075~~ | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC	Filt. ☐Y ☒N Metals	Filt. ☐Y ☐N ~~Hg~~ Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-S2-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-S2-LTXD1	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-S2-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-S2-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-S2-QT6	/	H_2O	2	x									
	BN-6-S2-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-QS5	10/17/07 —	H_2O	4	x	x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R 0000)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078
KATAHDIN PROJECT MANAGER:
REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/07 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/07 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/07 —	H2O	4	x	x								
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COMMENTS

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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES. EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5242
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS41074
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC 8260B	Filt. ☐Y☒N 6010/7000 TAL Metals	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-S1-LT9	10/18/07 1015	H2O	12	x	x			MS/MSD					
	BN-21-S1-LTXD3	10/18/07 —		4	x	x								
	BN-21-S1-LT5	10/18/07 1120		4	x	x								
	BN-21-S1-LT4	10/18/07 1115		4	x	x								
	BN-21-S1-LT3	10/18/07 1040		4	x	x								
	BN-21-S1-LT1	10/18/07 1000		4	x	x								
	BN-21-S1-LTQS6	10/18/07 —		4	x	x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

000210

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5407-4
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N TAL Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-SW9	10/18/07 1415	H_2O	12	x	x				MS/MSD				
	~~BN-21-S1-SWXD1~~	~~10/18/07 —~~		~~4~~	~~x~~	~~x~~								
	BN-21-S1-SW8	10/18/07 1445		4	x	x								
	BN-21-S1-SW16	10/21/07 1000		1		x								
	BN-21-S1-SW15	10/21/07 1015		1		x								

EXP 10/24/07

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-6
Client ID: BN-21-EP-SW10
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		116%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-6
Client ID: BN-21-EP-SW10
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-5
Client ID: BN-21-EP-SW11
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		121%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-5
Client ID: BN-21-EP-SW11
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-4
Client ID: BN-21-EP-SW12
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		105%				
17060-07-0	1,2-Dichloroethane-D4		118%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-4
Client ID: BN-21-EP-SW12
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-1
Client ID: BN-21-EP-SW13
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		111%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
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Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-1
Client ID: BN-21-EP-SW13
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-3
Client ID: BN-21-EP-SWXD2
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		104%				
17060-07-0	1,2-Dichloroethane-D4		114%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
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Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-3
Client ID: BN-21-EP-SWXD2
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
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Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-2
Client ID: BN-21-EP-SW14
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-2
Client ID: BN-21-EP-SW14
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-7
Client ID: BN-21-S1-LTQS6
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	J	0.5	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.4	1.0	1	1	0.1
	m+p-Xylenes	JB	1.0	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	1	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-7
Client ID: BN-21-S1-LTQS6
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		102%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-LTQS6

Matrix: WATER | **SDG Name:** WS4074

Percent Solids: 0.00 | **Lab Sample ID:** WS4074-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	27.5	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.56	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.8	B		P	1
7440-47-3	CHROMIUM	6.2	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	47.3	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U	N	P	1
7439-96-5	MANGANESE	3.4	B		P	1
7439-97-6	MERCURY	0.04	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	625	B		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	129	B		P	1
7440-28-0	THALLIUM	0.12	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-6-S2-QD2

Matrix: WATER | **SDG Name:** WS4078

Percent Solids: 0.00 | **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

Appendix H.6

Leachate Station Seep Samples – Sites 1 and 3

APPENDIX H.6

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Leachate Station Seep Samples	
BN-21-S1-LT1	SEEP-01
BN-21-S1-LT3	SEEP-03
BN-21-S1-LT4	SEEP-04
BN-21-S1-LT5	SEEP-05
BN-21-S1-LT9	SEEP-09
BN-21-S1-LTXD3	SEEP-09 – Duplicate
Trip Blank	
BN-6-S2-QT6	Trip Blank (QT-06)
Equipment Rinsate Blank	
BN-6-S2-QS5	Rinsate Blank (QS-005)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5242
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5407-1
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N 6010/7000 TAL Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-LT9	10/18/07 1015	H2O	12	x	x			MS/MSD					
	BN-21-S1-LTXD3	10/18/07 —		4	x	x								
	BN-21-S1-LT5	10/18/07 1120		4	x	x								
	BN-21-S1-LT4	10/18/07 1115		4	x	x								
	BN-21-S1-LT3	10/18/07 1040		4	x	x								
	BN-21-S1-LT1	10/18/07 1000		4	x	x								
	BN-21-S1-LTQS6	10/18/07 —		4	x	x								
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.G900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5[illegible]2
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5[illegible]74
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	TAL Metals (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-SW9	10/18/02 1415	H_2O	12	x	x				MS/MSD				
	~~BN-21-S1-SWXD1~~	~~10/18/02 —~~		~~4~~	~~x~~	~~x~~								
	BN-21-S1-SW8	10/18/02 1445		4	x	x								
	BN-21-S1-SW16	10/21/02 1000		1		x								
	BN-21-S1-SW15	10/21/02 1015		1		x								

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co[illegible]	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: TA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd. | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY | WORK ORDER #: ~~WS4074~~ ~~WS4075~~ | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC	Filt. ☐Y☒N Metals	Filt. ☒Y☐N ~~VOC~~ Metals	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-6-S2-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-S2-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-S2-LTXD1	10/17/07 —	H_2O	4	x	x								
	[illegible]-6-S2-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-S2-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-S2-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-S2-QT6	/	H_2O	2	x									
	BN-6-S2-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-QS5	10/17/07 —	H_2O	4	x	x								
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS COC1 (R 2000)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-[illegible]42
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/02 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/02 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/02 —	H2O	4	x	x								
		/												
		/												
		/												
		/												
		/												
		/												
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		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1517	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-6
Client ID: BN-21-S1-LT1
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	J	0.7	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.3	1.0	1	1	0.1
	m+p-Xylenes	JB	1	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.5	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	2	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-6
Client ID: BN-21-S1-LT1
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LT1

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-006

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	18400			P	10
7440-36-0	ANTIMONY	21.30	U		P	10
7440-38-2	ARSENIC	58.7	B	N	P	10
7440-39-3	BARIUM	1660			P	10
7440-41-7	BERYLLIUM	9.5	B		P	10
7440-43-9	CADMIUM	28.0	B		P	10
7440-70-2	CALCIUM	280000			P	10
7440-47-3	CHROMIUM	61.80	U		P	10
7440-48-4	COBALT	1040			P	10
7440-50-8	COPPER	53.3	B		P	10
7439-89-6	IRON	1460000			P	10
7439-92-1	LEAD	116			P	10
7439-95-4	MAGNESIUM	17800		N	P	10
7439-96-5	MANGANESE	68000			P	10
7439-97-6	MERCURY	2.5		N	CV	1
7440-02-0	NICKEL	485			P	10
7440-09-7	POTASSIUM	18000			P	10
7782-49-2	SELENIUM	29.9	B		P	10
7440-22-4	SILVER	10.20	U		P	10
7440-23-5	SODIUM	18000			P	10
7440-28-0	THALLIUM	3.0	B		MS	15
7440-62-2	VANADIUM	123	B		P	10
7440-66-6	ZINC	475			P	10

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-5
Client ID: BN-21-S1-LT3
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		2	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	J	0.8	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.4	1.0	1	1	0.1
	m+p-Xylenes	JB	2	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.5	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	JB	0.3	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	2	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-5
Client ID: BN-21-S1-LT3
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-LT3

Matrix: WATER | **SDG Name:** WS4074

Percent Solids: 0.00 | **Lab Sample ID:** WS4074-005

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	1300	B		P	5
7440-36-0	ANTIMONY	6.39	U		P	3
7440-38-2	ARSENIC	13.4	B	N	P	3
7440-39-3	BARIUM	443			P	5
7440-41-7	BERYLLIUM	2.2	B		P	5
7440-43-9	CADMIUM	12.45	U		P	5
7440-70-2	CALCIUM	118000			P	5
7440-47-3	CHROMIUM	30.90	U		P	5
7440-48-4	COBALT	49.9	B		P	5
7440-50-8	COPPER	16.85	U		P	5
7439-89-6	IRON	681000			P	5
7439-92-1	LEAD	3.78	U		P	3
7439-95-4	MAGNESIUM	13000		N	P	5
7439-96-5	MANGANESE	31700			P	5
7439-97-6	MERCURY	0.15	B	N	CV	1
7440-02-0	NICKEL	61.1	B		P	5
7440-09-7	POTASSIUM	6880			P	5
7782-49-2	SELENIUM	12.6	B		P	3
7440-22-4	SILVER	3.06	U		P	3
7440-23-5	SODIUM	21900			P	5
7440-28-0	THALLIUM	0.21	B		MS	5
7440-62-2	VANADIUM	22.50	U		P	5
7440-66-6	ZINC	37.7	B		P	5

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-4
Client ID: BN-21-S1-LT4
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride		3	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		6	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		6	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		2	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene		1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.7	1.0	1	1	0.1
	m+p-Xylenes	B	2	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.7	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	B	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	JB	0.8	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		6	1.0	2	2	1
1330-20-7	Xylenes (total)	B	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		83%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-4
Client ID: BN-21-S1-LT4
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LT4

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-004

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	1150	B		P	5
7440-36-0	ANTIMONY	10.65	U		P	5
7440-38-2	ARSENIC	143		N	P	5
7440-39-3	BARIUM	468			P	5
7440-41-7	BERYLLIUM	2.2	B		P	5
7440-43-9	CADMIUM	17.3	B		P	5
7440-70-2	CALCIUM	158000			P	5
7440-47-3	CHROMIUM	30.90	U		P	5
7440-48-4	COBALT	32.0	B		P	5
7440-50-8	COPPER	16.85	U		P	5
7439-89-6	IRON	1030000			P	10
7439-92-1	LEAD	6.30	U		P	5
7439-95-4	MAGNESIUM	24700		N	P	5
7439-96-5	MANGANESE	4210			P	5
7439-97-6	MERCURY	0.36		N	CV	1
7440-02-0	NICKEL	53.25	U		P	5
7440-09-7	POTASSIUM	17700			P	5
7782-49-2	SELENIUM	15.6	B		P	5
7440-22-4	SILVER	5.10	U		P	5
7440-23-5	SODIUM	38200			P	5
7440-28-0	THALLIUM	0.28	B		MS	10
7440-62-2	VANADIUM	22.50	U		P	5
7440-66-6	ZINC	27.7	B		P	5

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-3
Client ID: BN-21-S1-LT5
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene		1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.7	1.0	1	1	0.1
	m+p-Xylenes	B	3	1.0	2	2	0.2
95-47-6	o-Xylene		1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	B	2	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	JB	0.3	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	B	4	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-3
Client ID: BN-21-S1-LT5
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LT5

Matrix: WATER **SDG Name:** WS4074

Percent Solids: 0.00 **Lab Sample ID:** WS4074-003

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	7850			P	10
7440-36-0	ANTIMONY	21.30	U		P	10
7440-38-2	ARSENIC	7560		N	P	10
7440-39-3	BARIUM	500			P	5
7440-41-7	BERYLLIUM	2.7	B		P	5
7440-43-9	CADMIUM	24.90	U		P	10
7440-70-2	CALCIUM	119000			P	10
7440-47-3	CHROMIUM	119	B		P	10
7440-48-4	COBALT	51.30	U		P	10
7440-50-8	COPPER	33.70	U		P	10
7439-89-6	IRON	1820000			P	10
7439-92-1	LEAD	25.8	B		P	10
7439-95-4	MAGNESIUM	31000		N	P	10
7439-96-5	MANGANESE	13000			P	10
7439-97-6	MERCURY	0.13	B	N	CV	1
7440-02-0	NICKEL	106.50	U		P	10
7440-09-7	POTASSIUM	9310			P	5
7782-49-2	SELENIUM	38.4	B		P	10
7440-22-4	SILVER	10.20	U		P	10
7440-23-5	SODIUM	26900			P	5
7440-28-0	THALLIUM	0.73	B		MS	20
7440-62-2	VANADIUM	45.00	U		P	10
7440-66-6	ZINC	106	B		P	10

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-1
Client ID: BN-21-S1-LT9
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG987
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.9	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	JB	0.1	1.0	1	1	0.1
	m+p-Xylenes	JB	0.5	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	B	2	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	0.5	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-1
Client ID: BN-21-S1-LT9
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG987
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-LT9

Matrix: WATER | **SDG Name:** WS4074

Percent Solids: 0.00 | **Lab Sample ID:** WS4074-001

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	12000			P	5
7440-36-0	ANTIMONY	10.65	U		P	5
7440-38-2	ARSENIC	741		N	P	5
7440-39-3	BARIUM	224			P	5
7440-41-7	BERYLLIUM	1.85	U		P	5
7440-43-9	CADMIUM	12.45	U		P	5
7440-70-2	CALCIUM	39200			P	5
7440-47-3	CHROMIUM	30.90	U		P	5
7440-48-4	COBALT	114	B		P	5
7440-50-8	COPPER	27.1	B		P	5
7439-89-6	IRON	1060000			P	10
7439-92-1	LEAD	35.9			P	5
7439-95-4	MAGNESIUM	8240		N	P	5
7439-96-5	MANGANESE	4270			P	5
7439-97-6	MERCURY	0.13	B	N	CV	1
7440-02-0	NICKEL	53.25	U		P	5
7440-09-7	POTASSIUM	10700			P	5
7782-49-2	SELENIUM	17.4	B		P	5
7440-22-4	SILVER	5.10	U		P	5
7440-23-5	SODIUM	16700			P	5
7440-28-0	THALLIUM	1.9	B		MS	10
7440-62-2	VANADIUM	56.8	B		P	5
7440-66-6	ZINC	160			P	5

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/27/02
Analysis Date: 10/27/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-2
Client ID: BN-21-S1-LTXD3
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1018
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	J	1	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene		1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene		2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/27/02
Analysis Date: 10/27/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-2
Client ID: BN-21-S1-LTXD3
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1018
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-LTXD3

Matrix: WATER | **SDG Name:** WS4074

Percent Solids: 0.00 | **Lab Sample ID:** WS4074-002

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	18300			P	10
7440-36-0	ANTIMONY	21.30	U		P	10
7440-38-2	ARSENIC	1110		N	P	10
7440-39-3	BARIUM	431			P	5
7440-41-7	BERYLLIUM	2.5	B		P	5
7440-43-9	CADMIUM	24.90	U		P	10
7440-70-2	CALCIUM	53300			P	10
7440-47-3	CHROMIUM	61.80	U		P	10
7440-48-4	COBALT	188	B		P	10
7440-50-8	COPPER	33.70	U		P	10
7439-89-6	IRON	1630000			P	10
7439-92-1	LEAD	56.6			P	10
7439-95-4	MAGNESIUM	10900		N	P	10
7439-96-5	MANGANESE	7700			P	10
7439-97-6	MERCURY	0.16	B	N	CV	1
7440-02-0	NICKEL	106.50	U		P	10
7440-09-7	POTASSIUM	11400			P	5
7782-49-2	SELENIUM	37.3	B		P	10
7440-22-4	SILVER	10.20	U		P	10
7440-23-5	SODIUM	17400			P	5
7440-28-0	THALLIUM	3.2	B		MS	20
7440-62-2	VANADIUM	45.3	B		P	10
7440-66-6	ZINC	254			P	10

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-9
Client ID: BN-6-S2-QS5
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.9	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-9
Client ID: BN-6-S2-QS5
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		89%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-QS5

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-009

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	7.5	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	40.1	B		P	1
7440-28-0	THALLIUM	0.21	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-QD2

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix H.7

Leachate Station Seep Samples – Eastern Plume

APPENDIX H.7

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Leachate Station Seep Samples	
BN-21-EP-LT11	SEEP-11
BN-21-EP-LTXD4	SEEP-11 - Duplicate
Trip Blank	
BN-6-S2-QT6	Trip Blank (QT-06)
Equipment Rinsate Blank	
BN-21-S1-LTQS6	Rinsate Blank (QS-006)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: SA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.4 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY

WORK ORDER #: ~~W-10074~~ W-10075

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-LT11	10/22/02 0910	H_2O	9	x					MS/MSD				
	BN-21-EP-LTXD4	10/22/02 —	H_2O	3	x									
		/												
		/												
		/												
		/												
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		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R 0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-[illegible]12
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.4
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54075
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N Pesticides	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-P106 ~~[illegible]~~	10/22/02 1320	H_2O	3	X									
	BN-21-EP-P111	10/22/02 1220	H_2O	3	X									
	BN-6-S2-SDQ58	10/22/02 —	H_2O	2		X								
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY | WORK ORDER #: W54675 | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N MS	Filt. ☐Y☐N MSD	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-SW13	10/21/02/1450	H_2O	9	x									
	BN-21-EP-SW14	10/21/02/1510		3	x									
	BN-21-EP-SWXD2	10/21/02/—		3	x									
	BN-21-EP-SW12	10/22/02/0850		3	x									
	BN-21-EP-SW11	10/21/02/1520		3	x									
	BN-21-EP-SW10	10/22/02/0925		3	x									
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W510724
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC 8260B	Filt. ☐Y☒N 6010/7000 TAL Metals	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-S1-LT9	10/18/07 1015	H2O	12	x	x			MS/MSD					
	BN-21-S1-LTXD3	10/18/07 —		4	x	x								
	BN-21-S1-LT5	10/18/07 1120		4	x	x								
	BN-21-S1-LT4	10/18/07 1115		4	x	x								
	BN-21-S1-LT3	10/18/07 1040		4	x	x								
	BN-21-S1-LT1	10/18/07 1000		4	x	x								
	BN-21-S1-LTQS6	10/18/07 —		4	x	x								
		/												
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

000220

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54074
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N TAL Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-SW9	10/18/02 1415	H2O	12	x	x				MS/MSD				
	~~BN-21-S1-SWXD1~~	~~10/18/02 —~~		~~4~~	~~x~~	~~x~~			GAP 10/24/02					
	BN-21-S1-SW8	10/18/02 1445		4	x	x								
	BN-21-S1-SW16	10/21/02 1000		1		x								
	BN-21-S1-SW15	10/21/02 1015		1		x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-[illegible]42
Address: 333 Turnpike Rd.
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: ~~W54074~~ ~~W54075~~
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC	Filt. ☐Y ☒N Metals	Filt. ☒Y ☐N Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-LT203	10/17/02 1025	H_2O	12	x	x				MS/MSD				
	BN-6-S2-LT202	10/17/02 1315	H_2O	4	x	x								
	BN-6-S2-LTXD1	10/17/02 —	H_2O	4	x	x								
	BN-6-S2-LT201	10/17/02 1145	H_2O	4	x	x								
	BN-6-S2-LT203F	10/17/02 1055	H_2O	3			x			MS/MSD				
	BN-6-S2-LTXD2	10/17/02 —	H_2O	1			x							
	BN-6-S2-QT6	/	H_2O	2	x									
	BN-6-S2-QD2	10/17/02 —	H_2O	4	x	x								
	BN-6-S2-QS5	10/17/02 —	H_2O	4	x	x								
		/												
		/												
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W540758
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC	Filt. ☐Y ☐N Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/07 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/07 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/07 —	H2O	4	x	x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KAS-COC1 (R.0900)

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-7
Client ID: BN-21-EP-LT11
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	J	0.9	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	0.5	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		6	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		11	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		10	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		6	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		121%				
2037-26-5	Toluene-D8		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-7
Client ID: BN-21-EP-LT11
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-8
Client ID: BN-21-EP-LTXD4
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	J	0.8	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		6	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		12	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		9	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		6	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		107%				
17060-07-0	1,2-Dichloroethane-D4		120%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-8
Client ID: BN-21-EP-LTXD4
SDG: WS4075
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-7
Client ID: BN-21-S1-LTQS6
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	J	0.5	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.4	1.0	1	1	0.1
	m+p-Xylenes	JB	1.0	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.3	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	JB	1	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4074-7
Client ID: BN-21-S1-LTQS6
SDG: WS4074
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		102%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-LTQS6

Matrix: WATER | **SDG Name:** WS4074

Percent Solids: 0.00 | **Lab Sample ID:** WS4074-007

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	27.5	B		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U	N	P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.56	B		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.8	B		P	1
7440-47-3	CHROMIUM	6.2	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	47.3	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U	N	P	1
7439-96-5	MANGANESE	3.4	B		P	1
7439-97-6	MERCURY	0.04	B	N	CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	625	B		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	129	B		P	1
7440-28-0	THALLIUM	0.12	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	1.55	U		P	1

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-QD2

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix H.8

Sediment Samples – Sites 1 and 3

APPENDIX H.8

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Sediment Samples	
BN-21-S1-SWSD9	SED-09
BN-21-S1-SWSDXD1	SED-09
BN-21-S1-SWSD15	SED-15
BN-21-S1-SWSD16	SED-16
BN-6-S2-SD17	SED-17
BN-6-S2-SD18	SED-18
BN-6-S2-SD19	SED-19
Trip Blank	
BN-6-S2-QT6	Trip Blank (QT-06)
BN-6-S2-QT7	Trip Blank (QT-07)
BN-6-S2-QT8	Trip Blank (QT-08)
Equipment Rinsate Blank	
BN-21-S1-LTSDQS7	Rinsate Blank (QS-007)
BN-6-S2-SDQS8	Rinsate Blank (QS-008)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-574[illegible]
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5[illegible]73
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs:	Filt. ☐Y ☒N 6010/7000 TAL METALS	Filt. ☐Y ☒N 9096 TOC	Filt. ☐Y ☒N 8081 Pesticides	Filt. ☐Y ☒N 0422 Grain Size	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-SWSD9	10/18/02 1415	Sed	12	x	x	x	x		MS/MSD				
	BN-21-S1-SWSDXD1	10/18/02 —		4	x	x	x	x						
	BN-21-S1-SWSD16	10/21/02 1005		4	x	x	x	x						
	BN-21-S1-SWSD15	10/21/02 1020	↓	4	x	x	x	x						
		/												
		/												
		/												
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		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5142
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5L073
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC MeOH	Filt. ☐Y ☒N VOC $Na_2S_2O_3$	Filt. ☐Y ☒N TAL Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-LTSD9	10/18/02 1015	Soil	15	x	x	x			MS/MSD				
	BN-21-S1-LTSDXD2	10/18/02 —		5	x	x	x							
	BN-21-S1-LTSD5	10/18/02 1120		5	x	x	x							
	BN-21-S1-LTSD4	10/18/02 1115		5	x	x	x							
	BN-21-S1-LTSD3	10/18/02 1040		5	x	x	x							
	BN-21-S1-LTSD1	10/18/02 1000		5	x	x	x							
	BN-21-S1-LTSDQS7	10/18/02	AQ	5	x	x	x							
		/	GAS	10/23/02										
		/												
		/												
		/												
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		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark C	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page 1 of 1

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54675
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED-EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-SW13	10/21/02/1450	H_2O	9	x						MS/MSD			
	BN-21-EP-SW14	10/21/02/1510		3	x									
	BN-21-EP-SWXD2	10/21/02/—		3	x									
	BN-21-EP-SW12	10/22/02/0850		3	x									
	BN-21-EP-SW11	10/21/02/1520		3	x									
	BN-21-EP-SW10	10/22/02/0925	↓	3	x									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KAS-COC1 (R 0900)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.4 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY WORK ORDER #: ~~W-4074~~ W-5107-75

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-LT11	10/22/02/0910	H_2O	9	x					MS/MSD				
	BN-21-EP-LTxD4	10/22/02 —	H_2O	3	x									
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COMMENTS

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Mark A. Co	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd. | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY | WORK ORDER #: ~~W5H4074~~ ~~W5H4075~~ | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC	Filt. ☐Y ☒N Metals	Filt. ☒Y ☐N ~~VOC~~ Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-S2-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-S2-LTXD1	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-S2-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-S2-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-S2-QT6	/	H_2O	2	x									
	BN-6-S2-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-QS5	10/17/07 —	H_2O	4	x	x								
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COMMENTS

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Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/02 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/02 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/02 —	H2O	4	x	x								
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASD
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54073 / W54074
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC-Methanol (Filt. ☐Y ☒N)	VOC-$Na_2S_2O_3$ (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-52-LTSD203	10/17/02 1025	Sed	15	x	x	x				MS	MSD		
	BN-6-52-LTSD202	10/17/02 1315	↓	5	x	x	x							
	BN-6-52-LTSDXD1	10/17/02 —	↓	5	x	x	x							
	BN-6-52-LT201	10/17/02 1145	↓	5	x	x	x							
	BN-6-52-QT7	not / —	H_2O	3		x								
	BN-6-52-QT8	/	H_2O	1	x									
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COMMENTS

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Mark Co	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5747
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5407E
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N Metals	Filt. ☐Y ☒N TOC	Filt. ☐Y ☒N Pesticides	Filt. ☐Y ☒N Grainsize	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	~~ET-20~~	/												
	BN-6-52-SD17	10/17/02 1025	Sed	4	x	x	x	x						
	BN-6-52-SD18	10/17/02 1100	↓	4	x	x	x	x						
	BN-6-52-SD19	10/17/02 1130	↓	4	x	x	x	x						
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/13/2002
Matrix: SOIL
% Solids: 69.6

Lab ID: WS4073-1
Client ID: BN-21-S1-SWSD9
SDG: WS4073
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.4	1.0	1.7	2.4	0.98
58-89-9	gamma BHC	U	2.4	1.0	1.7	2.4	0.85
76-44-8	Heptachlor	U	2.4	1.0	1.7	2.4	0.79
319-85-7	beta-BHC	U	2.4	1.0	1.7	2.4	1.5
309-00-2	Aldrin	U	2.4	1.0	1.7	2.4	0.80
319-86-8	delta-BHC	U	2.4	1.0	1.7	2.4	0.83
1024-57-3	Heptachlor Epoxide	U	2.4	1.0	1.7	2.4	0.93
959-98-8	Endosulfan I	U	2.4	1.0	1.7	2.4	0.88
72-55-9	4,4'-DDE	J	2.8	1.0	3.3	4.7	0.89
60-57-1	Dieldrin	U	4.7	1.0	3.3	4.7	0.86
72-20-8	Endrin	U	4.7	1.0	3.3	4.7	0.82
72-54-8	4,4'-DDD		8.9	1.0	3.3	4.7	0.89
33213-65-9	Endosulfan II	U	4.7	1.0	3.3	4.7	0.82
50-29-3	4,4'-DDT		5.4	1.0	3.3	4.7	0.79
7421-36-3	Endrin Aldehyde	U	4.7	1.0	3.3	4.7	0.96
1031-07-8	Endosulfan sulfate	U	4.7	1.0	3.3	4.7	0.99
72-43-5	Methoxychlor	U	24	1.0	17.	24	1.5
8001-35-2	Toxaphene	U	47	1.0	33	47	17
5103-71-9	alpha-Chlordane	J	1.4	1.0	1.7	2.4	0.99
5103-74-2	gamma-Chlordane	U	2.4	1.0	1.7	2.4	0.90
53494-70-5	Endrin Ketone	J	1.7	1.0	3.3	4.7	1.0
877-09-8	Tetrachloro-m-Xylene		86%				
2051-24-3	Decachlorobiphenyl		80%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-SWSD9

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 69.6 **Lab Sample ID:** WS4073-001

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	5400			P	1
7440-36-0	ANTIMONY	0.21	U	N	P	1
7440-38-2	ARSENIC	7.5			P	1
7440-39-3	BARIUM	47.1			P	1
7440-41-7	BERYLLIUM	0.42	B		P	1
7440-43-9	CADMIUM	0.46	B		P	1
7440-70-2	CALCIUM	1250		N	P	1
7440-47-3	CHROMIUM	11.1			P	1
7440-48-4	COBALT	6.4			P	1
7440-50-8	COPPER	6.6			P	1
7439-89-6	IRON	18600			P	1
7439-92-1	LEAD	10.8			P	1
7439-95-4	MAGNESIUM	2010			P	1
7439-96-5	MANGANESE	834			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	11.0			P	1
7440-09-7	POTASSIUM	847			P	1
7782-49-2	SELENIUM	0.45	B		P	1
7440-22-4	SILVER	0.48	U		P	1
7440-23-5	SODIUM	74.9	B		P	1
7440-28-0	THALLIUM	0.14	B		MS	5
7440-62-2	VANADIUM	15.6			P	1
7440-66-6	ZINC	48.2		E	P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-1
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-SWSD9	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	27000 ug/g	400	LLOYDKAHN	10/31/02 03:11	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	70 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/13/2002
Matrix: SOIL
% Solids: 58.5

Lab ID: WS4073-2
Client ID: BN-21-S1-SWSDXD1
SDG: WS4073
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.9	1.0	1.7	2.9	1.2
58-89-9	gamma BHC	U	2.9	1.0	1.7	2.9	1.0
76-44-8	Heptachlor	U	2.9	1.0	1.7	2.9	0.94
319-85-7	beta-BHC	U	2.9	1.0	1.7	2.9	1.7
309-00-2	Aldrin	U	2.9	1.0	1.7	2.9	0.96
319-86-8	delta-BHC	U	2.9	1.0	1.7	2.9	0.99
1024-57-3	Heptachlor Epoxide	U	2.9	1.0	1.7	2.9	1.1
959-98-8	Endosulfan I	U	2.9	1.0	1.7	2.9	1.0
72-55-9	4,4'-DDE	J	3.8	1.0	3.3	5.6	1.0
60-57-1	Dieldrin	U	5.6	1.0	3.3	5.6	1.0
72-20-8	Endrin	U	5.6	1.0	3.3	5.6	0.97
72-54-8	4,4'-DDD		8.6	1.0	3.3	5.6	1.0
33213-65-9	Endosulfan II	U	5.6	1.0	3.3	5.6	0.97
50-29-3	4,4'-DDT	J	2.6	1.0	3.3	5.6	0.94
7421-36-3	Endrin Aldehyde	U	5.6	1.0	3.3	5.6	1.1
1031-07-8	Endosulfan sulfate	U	5.6	1.0	3.3	5.6	1.2
72-43-5	Methoxychlor	U	29	1.0	17	29	1.7
8001-35-2	Toxaphene	U	56	1.0	33	56	20
5103-71-9	alpha-Chlordane	U	2.9	1.0	1.7	2.9	1.2
5103-74-2	gamma-Chlordane	U	2.9	1.0	1.7	2.9	1.1
53494-70-5	Endrin Ketone	J	1.6	1.0	3.3	5.6	1.2
877-09-8	Tetrachloro-m-Xylene		88%				
2051-24-3	Decachlorobiphenyl		82%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-SWSDXD1

Matrix: SOIL | **SDG Name:** WS4073

Percent Solids: 58.5 | **Lab Sample ID:** WS4073-002

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4460			P	1
7440-36-0	ANTIMONY	0.31	U	N	P	1
7440-38-2	ARSENIC	6.9			P	1
7440-39-3	BARIUM	30.8			P	1
7440-41-7	BERYLLIUM	0.38	B		P	1
7440-43-9	CADMIUM	0.36	U		P	1
7440-70-2	CALCIUM	920		N	P	1
7440-47-3	CHROMIUM	8.5			P	1
7440-48-4	COBALT	5.1			P	1
7440-50-8	COPPER	7.2			P	1
7439-89-6	IRON	15000			P	1
7439-92-1	LEAD	8.6			P	1
7439-95-4	MAGNESIUM	1690			P	1
7439-96-5	MANGANESE	271			P	1
7439-97-6	MERCURY	0.03	B	N	CV	1
7440-02-0	NICKEL	9.2			P	1
7440-09-7	POTASSIUM	664			P	1
7782-49-2	SELENIUM	0.42	B		P	1
7440-22-4	SILVER	0.68	U		P	1
7440-23-5	SODIUM	56.0	B		P	1
7440-28-0	THALLIUM	0.12	B		MS	5
7440-62-2	VANADIUM	12.2			P	1
7440-66-6	ZINC	56.4		E	P	1

Color Before: N/A | Texture: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-2
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-SWSDXD1	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	5700 ug/g	400	LLOYDKAHN	10/31/02 03:18	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	58 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

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sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.47
PO No: NASB LTMP
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/05/2002
Matrix: SOIL
% Solids: 73.7

Lab ID: WS4073-4
Client ID: BN-21-S1-SWSD15
SDG: WS4073
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.3	1.0	1.7	2.3	0.92
58-89-9	gamma BHC	U	2.3	1.0	1.7	2.3	0.80
76-44-8	Heptachlor	U	2.3	1.0	1.7	2.3	0.75
319-85-7	beta-BHC	U	2.3	1.0	1.7	2.3	1.4
309-00-2	Aldrin	U	2.3	1.0	1.7	2.3	0.76
319-86-8	delta-BHC	U	2.3	1.0	1.7	2.3	0.79
1024-57-3	Heptachlor Epoxide	U	2.3	1.0	1.7	2.3	0.88
959-98-8	Endosulfan I	U	2.3	1.0	1.7	2.3	0.83
72-55-9	4,4'-DDE	U	4.5	1.0	3.3	4.5	0.84
60-57-1	Dieldrin	U	4.5	1.0	3.3	4.5	0.81
72-20-8	Endrin	U	4.5	1.0	3.3	4.5	0.77
72-54-8	4,4'-DDD	J	0.90	1.0	3.3	4.5	0.84
33213-65-9	Endosulfan II	U	4.5	1.0	3.3	4.5	0.77
50-29-3	4,4'-DDT	U	4.5	1.0	3.3	4.5	0.75
7421-36-3	Endrin Aldehyde	U	4.5	1.0	3.3	4.5	0.91
1031-07-8	Endosulfan sulfate	U	4.5	1.0	3.3	4.5	0.94
72-43-5	Methoxychlor	U	23	1.0	17	23	1.4
8001-35-2	Toxaphene	U	45	1.0	33	45	16
5103-71-9	alpha-Chlordane	U	2.3	1.0	1.7	2.3	0.94
5103-74-2	gamma-Chlordane	U	2.3	1.0	1.7	2.3	0.85
53494-70-5	Endrin Ketone	U	4.5	1.0	3.3	4.5	0.99
877-09-8	Tetrachloro-m-Xylene		83%				
2051-24-3	Decachlorobiphenyl		79%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-SWSD15

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 73.7 **Lab Sample ID:** WS4073-004

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	2800			P	1
7440-36-0	ANTIMONY	0.20	U	N	P	1
7440-38-2	ARSENIC	1.9			P	1
7440-39-3	BARIUM	19.7			P	1
7440-41-7	BERYLLIUM	0.26	B		P	1
7440-43-9	CADMIUM	0.24	U		P	1
7440-70-2	CALCIUM	1010		N	P	1
7440-47-3	CHROMIUM	5.2			P	1
7440-48-4	COBALT	2.8			P	1
7440-50-8	COPPER	3.1			P	1
7439-89-6	IRON	6920			P	1
7439-92-1	LEAD	2.7			P	1
7439-95-4	MAGNESIUM	1130			P	1
7439-96-5	MANGANESE	150			P	1
7439-97-6	MERCURY	0.01	U	N	CV	1
7440-02-0	NICKEL	5.4			P	1
7440-09-7	POTASSIUM	474			P	1
7782-49-2	SELENIUM	0.22	U		P	1
7440-22-4	SILVER	0.45	U		P	1
7440-23-5	SODIUM	44.3	B		P	1
7440-28-0	THALLIUM	0.06	B		MS	5
7440-62-2	VANADIUM	9.0			P	1
7440-66-6	ZINC	16.0		E	P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.47
PO No: NASB LTMP
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/05/2002
Matrix: SOIL
% Solids: 68.2

Lab ID: WS4073-3
Client ID: BN-21-S1-SWSD16
SDG: WS4073
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.5	1.0	1.7	2.5	1.00
58-89-9	gamma BHC	U	2.5	1.0	1.7	2.5	0.86
76-44-8	Heptachlor	U	2.5	1.0	1.7	2.5	0.81
319-85-7	beta-BHC	U	2.5	1.0	1.7	2.5	1.5
309-00-2	Aldrin	U	2.5	1.0	1.7	2.5	0.82
319-86-8	delta-BHC	U	2.5	1.0	1.7	2.5	0.85
1024-57-3	Heptachlor Epoxide	U	2.5	1.0	1.7	2.5	0.95
959-98-8	Endosulfan I	U	2.5	1.0	1.7	2.5	0.89
72-55-9	4,4'-DDE	U	4.8	1.0	3.3	4.8	0.91
60-57-1	Dieldrin	U	4.8	1.0	3.3	4.8	0.88
72-20-8	Endrin	U	4.8	1.0	3.3	4.8	0.84
72-54-8	4,4'-DDD	J	1.6	1.0	3.3	4.8	0.91
33213-65-9	Endosulfan II	U	4.8	1.0	3.3	4.8	0.84
50-29-3	4,4'-DDT	J	1.2	1.0	3.3	4.8	0.81
7421-36-3	Endrin Aldehyde	U	4.8	1.0	3.3	4.8	0.98
1031-07-8	Endosulfan sulfate	U	4.8	1.0	3.3	4.8	1.0
72-43-5	Methoxychlor	J	1.8	1.0	17	25	1.5
8001-35-2	Toxaphene	U	48	1.0	33	48	17
5103-71-9	alpha-Chlordane	U	2.5	1.0	1.7	2.5	1.0
5103-74-2	gamma-Chlordane	U	2.5	1.0	1.7	2.5	0.92
53494-70-5	Endrin Ketone	U	4.8	1.0	3.3	4.8	1.1
877-09-8	Tetrachloro-m-Xylene		66%				
2051-24-3	Decachlorobiphenyl		72%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-SWSD16

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 68.2 **Lab Sample ID:** WS4073-003

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4070			P	1
7440-36-0	ANTIMONY	0.25	U	N	P	1
7440-38-2	ARSENIC	2.6			P	1
7440-39-3	BARIUM	26.8			P	1
7440-41-7	BERYLLIUM	0.30	B		P	1
7440-43-9	CADMIUM	0.29	U		P	1
7440-70-2	CALCIUM	761		N	P	1
7440-47-3	CHROMIUM	7.3			P	1
7440-48-4	COBALT	4.3			P	1
7440-50-8	COPPER	4.6			P	1
7439-89-6	IRON	8110			P	1
7439-92-1	LEAD	4.0			P	1
7439-95-4	MAGNESIUM	1660			P	1
7439-96-5	MANGANESE	255			P	1
7439-97-6	MERCURY	0.02	B	N	CV	1
7440-02-0	NICKEL	7.6			P	1
7440-09-7	POTASSIUM	834			P	1
7782-49-2	SELENIUM	0.28	U		P	1
7440-22-4	SILVER	0.56	U		P	1
7440-23-5	SODIUM	56.7	B		P	1
7440-28-0	THALLIUM	0.10	B		MS	5
7440-62-2	VANADIUM	11.0			P	1
7440-66-6	ZINC	26.1		E	P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Accredited in accordance with nelac
Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-3
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-SWSD16	SL	10/21/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	6700 ug/g	400	LLOYDKAHN	10/31/02 03:25	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	68 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

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P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

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sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.47
PO No: NASB LTMP
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/05/2002
Matrix: SOIL
% Solids: 73.5

Lab ID: WS4076-1
Client ID: BN-6-S2-SD17
SDG: WS4076
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.3	1.0	1.7	2.3	0.92
58-89-9	gamma BHC	U	2.3	1.0	1.7	2.3	0.80
76-44-8	Heptachlor	U	2.3	1.0	1.7	2.3	0.75
319-85-7	beta-BHC	U	2.3	1.0	1.7	2.3	1.4
309-00-2	Aldrin	U	2.3	1.0	1.7	2.3	0.76
319-86-8	delta-BHC	U	2.3	1.0	1.7	2.3	0.79
1024-57-3	Heptachlor Epoxide	U	2.3	1.0	1.7	2.3	0.88
959-98-8	Endosulfan I	U	2.3	1.0	1.7	2.3	0.83
72-55-9	4,4'-DDE	U	4.5	1.0	3.3	4.5	0.84
60-57-1	Dieldrin	U	4.5	1.0	3.3	4.5	0.82
72-20-8	Endrin	U	4.5	1.0	3.3	4.5	0.78
72-54-8	4,4'-DDD	U	4.5	1.0	3.3	4.5	0.84
33213-65-9	Endosulfan II	U	4.5	1.0	3.3	4.5	0.78
50-29-3	4,4'-DDT	U	4.5	1.0	3.3	4.5	0.75
7421-36-3	Endrin Aldehyde	U	4.5	1.0	3.3	4.5	0.91
1031-07-8	Endosulfan sulfate	U	4.5	1.0	3.3	4.5	0.94
72-43-5	Methoxychlor	U	23	1.0	17	23	1.4
8001-35-2	Toxaphene	U	45	1.0	33	45	16
5103-71-9	alpha-Chlordane	U	2.3	1.0	1.7	2.3	0.94
5103-74-2	gamma-Chlordane	U	2.3	1.0	1.7	2.3	0.86
53494-70-5	Endrin Ketone	U	4.5	1.0	3.3	4.5	0.99
877-09-8	Tetrachloro-m-Xylene		83%				
2051-24-3	Decachlorobiphenyl		84%				

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-4
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-SWSD15	SL	10/21/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	3300 ug/g	400	LLOYDKAHN	10/31/02 03:36	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	74 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-SD17

Matrix: SOIL **SDG Name:** WS4076

Percent Solids: 73.5 **Lab Sample ID:** WS4076-001

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4510			P	1
7440-36-0	ANTIMONY	0.22	U		P	1
7440-38-2	ARSENIC	2.3			P	1
7440-39-3	BARIUM	27.4			P	1
7440-41-7	BERYLLIUM	0.26	B		P	1
7440-43-9	CADMIUM	0.25	U		P	1
7440-70-2	CALCIUM	721			P	1
7440-47-3	CHROMIUM	7.9			P	1
7440-48-4	COBALT	4.0			P	1
7440-50-8	COPPER	4.8			P	1
7439-89-6	IRON	8960			P	1
7439-92-1	LEAD	3.3			P	1
7439-95-4	MAGNESIUM	1900			P	1
7439-96-5	MANGANESE	315			P	1
7439-97-6	MERCURY	0.01	U	N	CV	1
7440-02-0	NICKEL	7.7			P	1
7440-09-7	POTASSIUM	938			P	1
7782-49-2	SELENIUM	0.24	U		P	1
7440-22-4	SILVER	0.48	U		P	1
7440-23-5	SODIUM	73.5	B		P	1
7440-28-0	THALLIUM	0.13	B		MS	5
7440-62-2	VANADIUM	11.5			P	1
7440-66-6	ZINC	26.5			P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4076-1
Report Date: 11/20/02 8:27:57 AM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4076

Sample Description	Matrix	Date Sampled	Date Received
BN-6-S2-SD17	SL	10/17/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	2200 ug/g	400	LLOYDKAHN	10/31/02 03:50	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	74 %	0.1	CLP SOW 788	10/28/02 07:15	JF	CLP SOW 788	10/25/02	JF	

Notes

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Tel:(207) 874-2400 Fax:(207) 775-4029

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.47
PO No: NASB LTMP
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/05/2002
Matrix: SOIL
% Solids: 14.0

Lab ID: WS4076-2
Client ID: BN-6-S2-SD18
SDG: WS4076
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	12	1.0	1.7	12	4.9
58-89-9	gamma BHC	U	12	1.0	1.7	12	4.2
76-44-8	Heptachlor	U	12	1.0	1.7	12	3.9
319-85-7	beta-BHC	U	12	1.0	1.7	12	7.3
309-00-2	Aldrin	U	12	1.0	1.7	12	4.0
319-86-8	delta-BHC	U	12	1.0	1.7	12	4.2
1024-57-3	Heptachlor Epoxide	U	12	1.0	1.7	12	4.6
959-98-8	Endosulfan I	U	12	1.0	1.7	12	4.4
72-55-9	4,4'-DDE	U	24	1.0	3.3	24	4.4
60-57-1	Dieldrin	U	24	1.0	3.3	24	4.3
72-20-8	Endrin	U	24	1.0	3.3	24	4.1
72-54-8	4,4'-DDD	U	24	1.0	3.3	24	4.4
33213-65-9	Endosulfan II	U	24	1.0	3.3	24	4.1
50-29-3	4,4'-DDT	U	24	1.0	3.3	24	3.9
7421-36-3	Endrin Aldehyde	U	24	1.0	3.3	24	4.8
1031-07-8	Endosulfan sulfate	U	24	1.0	3.3	24	4.9
72-43-5	Methoxychlor	U	120	1.0	17	120	7.3
8001-35-2	Toxaphene	U	240	1.0	33	240	83
5103-71-9	alpha-Chlordane	U	12	1.0	1.7	12	4.9
5103-74-2	gamma-Chlordane	U	12	1.0	1.7	12	4.5
53494-70-5	Endrin Ketone	U	24	1.0	3.3	24	5.2
877-09-8	Tetrachloro-m-Xylene		76%				
2051-24-3	Decachlorobiphenyl		65%				

1

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-SD18

Matrix: SOIL **SDG Name:** WS4076

Percent Solids: 14.0 **Lab Sample ID:** WS4076-002

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	1180		*	P	5
7440-36-0	ANTIMONY	5.78	U	N	P	5
7440-38-2	ARSENIC	27.8			P	5
7440-39-3	BARIUM	120			P	1
7440-41-7	BERYLLIUM	0.36	B		P	1
7440-43-9	CADMIUM	6.75	U		P	5
7440-70-2	CALCIUM	2580		*	P	5
7440-47-3	CHROMIUM	3.2	B		P	5
7440-48-4	COBALT	13.92	U		P	5
7440-50-8	COPPER	9.14	U		P	5
7439-89-6	IRON	444000		*	P	5
7439-92-1	LEAD	3.42	U		P	5
7439-95-4	MAGNESIUM	394		N	P	5
7439-96-5	MANGANESE	648			P	5
7439-97-6	MERCURY	0.01	U	N	CV	1
7440-02-0	NICKEL	41.5	B		P	5
7440-09-7	POTASSIUM	261.51	U		P	1
7782-49-2	SELENIUM	7.1	B		P	5
7440-22-4	SILVER	12.91	U		P	5
7440-23-5	SODIUM	140	B		P	1
7440-28-0	THALLIUM	0.24	B		MS	10
7440-62-2	VANADIUM	12.21	U		P	5
7440-66-6	ZINC	17.4	B		P	5

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Accredited in accordance with nelac
Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4076-2
Report Date: 11/20/02 8:27:57 AM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4076

Sample Description	Matrix	Date Sampled	Date Received
BN-6-S2-SD18	SL	10/17/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	74000 ug/g	400	LLOYDKAHN	10/31/02 03:59	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	14 %	0.1	CLP SOW 788	10/28/02 07:15	JF	CLP SOW 788	10/25/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/13/2002
Matrix: SOIL
% Solids: 66.0

Lab ID: WS4076-3
Client ID: BN-6-S2-SD19
SDG: WS4076
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	2.6	1.0	1.7	2.6	1.0
58-89-9	gamma BHC	J	1.2	1.0	1.7	2.6	0.89
76-44-8	Heptachlor	U	2.6	1.0	1.7	2.6	0.83
319-85-7	beta-BHC	U	2.6	1.0	1.7	2.6	1.5
309-00-2	Aldrin	U	2.6	1.0	1.7	2.6	0.85
319-86-8	delta-BHC	U	2.6	1.0	1.7	2.6	0.88
1024-57-3	Heptachlor Epoxide	U	2.6	1.0	1.7	2.6	0.98
959-98-8	Endosulfan I	U	2.6	1.0	1.7	2.6	0.92
72-55-9	4,4'-DDE	J	2.7	1.0	3.3	5.0	0.94
60-57-1	Dieldrin	U	5.0	1.0	3.3	5.0	0.91
72-20-8	Endrin	U	5.0	1.0	3.3	5.0	0.86
72-54-8	4,4'-DDD		6.3	1.0	3.3	5.0	0.94
33213-65-9	Endosulfan II	U	5.0	1.0	3.3	5.0	0.86
50-29-3	4,4'-DDT	J	2.1	1.0	3.3	5.0	0.83
7421-36-3	Endrin Aldehyde	U	5.0	1.0	3.3	5.0	1.0
1031-07-8	Endosulfan sulfate	U	5.0	1.0	3.3	5.0	1.0
72-43-5	Methoxychlor	U	26	1.0	17	26	1.5
8001-35-2	Toxaphene	U	50	1.0	33	50	18
5103-71-9	alpha-Chlordane	U	2.6	1.0	1.7	2.6	1.0
5103-74-2	gamma-Chlordane	U	2.6	1.0	1.7	2.6	0.95
53494-70-5	Endrin Ketone	U	5.0	1.0	3.3	5.0	1.1
877-09-8	Tetrachloro-m-Xylene		81%				
2051-24-3	Decachlorobiphenyl		78%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-SD19

Matrix: SOIL **SDG Name:** WS4076

Percent Solids: 66.0 **Lab Sample ID:** WS4076-003

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	5260			P	1
7440-36-0	ANTIMONY	0.24	U		P	1
7440-38-2	ARSENIC	3.6			P	1
7440-39-3	BARIUM	27.2			P	1
7440-41-7	BERYLLIUM	0.32	B		P	1
7440-43-9	CADMIUM	0.28	U		P	1
7440-70-2	CALCIUM	1270			P	1
7440-47-3	CHROMIUM	9.5			P	1
7440-48-4	COBALT	4.4			P	1
7440-50-8	COPPER	7.1			P	1
7439-89-6	IRON	11600			P	1
7439-92-1	LEAD	6.7			P	1
7439-95-4	MAGNESIUM	2020			P	1
7439-96-5	MANGANESE	217			P	1
7439-97-6	MERCURY	0.01	U	N	CV	1
7440-02-0	NICKEL	10			P	1
7440-09-7	POTASSIUM	936			P	1
7782-49-2	SELENIUM	0.27	U		P	1
7440-22-4	SILVER	0.64	B		P	1
7440-23-5	SODIUM	77.3	B		P	1
7440-28-0	THALLIUM	0.11	B		MS	5
7440-62-2	VANADIUM	14.5			P	1
7440-66-6	ZINC	32.2			P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4076-3
Report Date: 11/20/02 8:27:57 AM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4076

Sample Description	Matrix	Date Sampled	Date Received
BN-6-S2-SD19	SL	10/17/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	6300 ug/g	400	LLOYDKAHN	10/31/02 04:08	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	66 %	0.1	CLP SOW 788	10/28/02 07:15	JF	CLP SOW 788	10/25/02	JF	

Notes

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http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-8
Client ID: BN-6-S2-QT7
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1168
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	10	1.0	10	10	3
75-01-4	Vinyl chloride	U	10	1.0	10	10	1
74-83-9	Bromomethane	U	10	1.0	10	10	2
75-00-3	Chloroethane	U	10	1.0	10	10	2
75-35-4	1,1-Dichloroethene	U	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	5	1.0	5	5	1
75-09-2	Methylene Chloride	B	6	1.0	5	5	4
67-64-1	Acetone	U	20	1.0	20	20	9
156-60-5	trans-1,2-Dichloroethene	U	5	1.0	5	5	1
75-34-3	1,1-Dichloroethane	U	5	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	5	1.0	5	5	2
67-66-3	Chloroform	U	5	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	5	1.0	5	5	1
78-93-3	2-Butanone	U	20	1.0	20	20	7
71-43-2	Benzene	U	5	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	5	1.0	5	5	1
79-01-6	Trichloroethene	U	5	1.0	5	5	2
78-87-5	1,2-Dichloropropane	U	5	1.0	5	5	2
75-27-4	Bromodichloromethane	U	5	1.0	5	5	1
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	2
108-88-3	Toluene	U	5	1.0	5	5	2
108-10-1	4-methyl-2-pentanone	U	20	1.0	20	20	12
127-18-4	Tetrachloroethene	U	5	1.0	5	5	2
10061-02-6	trans-1,3-Dichloropropene	U	5	1.0	5	5	2
79-00-5	1,1,2-Trichloroethane	U	5	1.0	5	5	1
124-48-1	Dibromochloromethane	U	5	1.0	5	5	2
591-78-6	2-Hexanone	U	20	1.0	20	20	8
108-90-7	Chlorobenzene	U	5	1.0	5	5	1
100-41-4	Ethylbenzene	U	5	1.0	5	5	1
	m+p-Xylenes	U	10	1.0	10	10	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
100-42-5	Styrene	U	5	1.0	5	5	1
75-25-2	Bromoform	U	5	1.0	5	5	1
79-34-5	1,1,2,2-Tetrachloroethane	U	5	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	5	1.0	5	5	1
106-46-7	1,4-Dichlorobenzene	U	5	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	5	1.0	5	5	0.9
540-59-0	1,2-Dichloroethylene (total)	U	10	1.0	10	10	3
1330-20-7	Xylenes (total)	U	15	1.0	15	15	3
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-8
Client ID: BN-6-S2-QT7
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1168
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-9
Client ID: BN-6-S2-QT8
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	500	1.0	10	500	18
75-01-4	Vinyl chloride	U	500	1.0	10	500	17
74-83-9	Bromomethane	U	500	1.0	10	500	200
75-00-3	Chloroethane	U	500	1.0	10	500	12
75-35-4	1,1-Dichloroethene	U	250	1.0	5	250	12
75-15-0	Carbon Disulfide	U	250	1.0	5	250	11
75-09-2	Methylene Chloride	U	250	1.0	5	250	12
67-64-1	Acetone	U	1000	1.0	20	1000	94
156-60-5	trans-1,2-Dichloroethene	U	250	1.0	5	250	8
75-34-3	1,1-Dichloroethane	U	250	1.0	5	250	12
156-59-2	cis-1,2-Dichloroethene	U	250	1.0	5	250	17
67-66-3	Chloroform	U	250	1.0	5	250	51
56-23-5	Carbon Tetrachloride	U	250	1.0	5	250	25
71-55-6	1,1,1-Trichloroethane	U	250	1.0	5	250	14
78-93-3	2-Butanone	U	1000	1.0	20	1000	58
71-43-2	Benzene	U	250	1.0	5	250	15
107-06-2	1,2-Dichloroethane	U	250	1.0	5	250	16
79-01-6	Trichloroethene	U	250	1.0	5	250	14
78-87-5	1,2-Dichloropropane	U	250	1.0	5	250	10
75-27-4	Bromodichloromethane	U	250	1.0	5	250	25
10061-01-5	cis-1,3-dichloropropene	U	250	1.0	5	250	8
108-88-3	Toluene	J	19	1.0	5	250	16
108-10-1	4-methyl-2-pentanone	U	1000	1.0	20	1000	84
127-18-4	Tetrachloroethene	U	250	1.0	5	250	20
10061-02-6	trans-1,3-Dichloropropene	U	250	1.0	5	250	24
79-00-5	1,1,2-Trichloroethane	U	250	1.0	5	250	20
124-48-1	Dibromochloromethane	U	250	1.0	5	250	8
591-78-6	2-Hexanone	U	1000	1.0	20	1000	54
108-90-7	Chlorobenzene	U	250	1.0	5	250	8
100-41-4	Ethylbenzene	J	10	1.0	5	250	6
	m+p-Xylenes	U	500	1.0	10	500	21
95-47-6	o-Xylene	U	250	1.0	5	250	14
100-42-5	Styrene	U	250	1.0	5	250	14
75-25-2	Bromoform	U	250	1.0	5	250	9
79-34-5	1,1,2,2-Tetrachloroethane	U	250	1.0	5	250	19
541-73-1	1,3-Dichlorobenzene	U	250	1.0	5	250	19
106-46-7	1,4-Dichlorobenzene	U	250	1.0	5	250	12
95-50-1	1,2-Dichlorobenzene	U	250	1.0	5	250	16
540-59-0	1,2-Dichloroethylene (total)	U	500	1.0	10	500	150
1330-20-7	Xylenes (total)	U	750	1.0	15	750	150
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-9
Client ID: BN-6-S2-QT8
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4073-11
Client ID: BN-21-S1-LTSDQS7
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	10	1.0	10	10	3
75-01-4	Vinyl chloride	U	10	1.0	10	10	1
74-83-9	Bromomethane	U	10	1.0	10	10	2
75-00-3	Chloroethane	U	10	1.0	10	10	2
75-35-4	1,1-Dichloroethene	U	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	5	1.0	5	5	1
75-09-2	Methylene Chloride	U	5	1.0	5	5	4
67-64-1	Acetone	J	14	1.0	20	20	9
156-60-5	trans-1,2-Dichloroethene	U	5	1.0	5	5	1
75-34-3	1,1-Dichloroethane	U	5	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	5	1.0	5	5	2
67-66-3	Chloroform	U	5	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	5	1.0	5	5	1
78-93-3	2-Butanone	U	20	1.0	20	20	7
71-43-2	Benzene	U	5	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	5	1.0	5	5	1
79-01-6	Trichloroethene	U	5	1.0	5	5	2
78-87-5	1,2-Dichloropropane	U	5	1.0	5	5	2
75-27-4	Bromodichloromethane	U	5	1.0	5	5	1
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	2
108-88-3	Toluene	U	5	1.0	5	5	2
108-10-1	4-methyl-2-pentanone	U	20	1.0	20	20	12
127-18-4	Tetrachloroethene	U	5	1.0	5	5	2
10061-02-6	trans-1,3-Dichloropropene	U	5	1.0	5	5	2
79-00-5	1,1,2-Trichloroethane	U	5	1.0	5	5	1
124-48-1	Dibromochloromethane	U	5	1.0	5	5	2
591-78-6	2-Hexanone	U	20	1.0	20	20	8
108-90-7	Chlorobenzene	U	5	1.0	5	5	1
100-41-4	Ethylbenzene	U	5	1.0	5	5	1
	m+p-Xylenes	U	10	1.0	10	10	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
100-42-5	Styrene	U	5	1.0	5	5	1
75-25-2	Bromoform	U	5	1.0	5	5	1
79-34-5	1,1,2,2-Tetrachloroethane	U	5	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	5	1.0	5	5	1
106-46-7	1,4-Dichlorobenzene	U	5	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	5	1.0	5	5	0.9
540-59-0	1,2-Dichloroethylene (total)	U	10	1.0	10	10	3
1330-20-7	Xylenes (total)	U	15	1.0	15	15	3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4073-11
Client ID: BN-21-S1-LTSDQS7
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSDQS7

Matrix: WATER **SDG Name:** WS4073

Percent Solids: 0.00 **Lab Sample ID:** WS4073-011

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.68	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	10.4	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.93	U		P	1
7439-97-6	MERCURY	0.15	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	136	B		P	1
7440-28-0	THALLIUM	0.44	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	3.8	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.4
PO No: NASB LYMP
Sample Date: 10/22/02
Received Date: 10/22/02
Extraction Date: 10/29/02
Analysis Date: 11/01/02
Report Date: 11/05/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4075-11
Client ID: BN-6-S2-SDQS8
SDG: WS4075
Extracted by: NB
Extraction Method: SW846 3510
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG924
Units: ug/L

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	0.050	1.0	0.050	0.050	0.024
58-89-9	gamma BHC	U	0.050	1.0	0.050	0.050	0.021
76-44-8	Heptachlor	U	0.050	1.0	0.050	0.050	0.023
319-85-7	beta-BHC	U	0.050	1.0	0.050	0.050	0.040
309-00-2	Aldrin	U	0.050	1.0	0.050	0.050	0.021
319-86-8	delta-BHC	U	0.050	1.0	0.050	0.050	0.028
1024-57-3	Heptachlor Epoxide	U	0.050	1.0	0.050	0.050	0.022
959-98-8	Endosulfan I	U	0.050	1.0	0.050	0.050	0.017
72-55-9	4,4'-DDE	U	0.10	1.0	0.10	0.10	0.027
60-57-1	Dieldrin	U	0.10	1.0	0.10	0.10	0.016
72-20-8	Endrin	U	0.10	1.0	0.10	0.10	0.017
72-54-8	4,4'-DDD	U	0.10	1.0	0.10	0.10	0.027
33213-65-9	Endosulfan II	U	0.10	1.0	0.10	0.10	0.015
50-29-3	4,4'-DDT	U	0.10	1.0	0.10	0.10	0.029
7421-36-3	Endrin Aldehyde	U	0.10	1.0	0.10	0.10	0.020
1031-07-8	Endosulfan sulfate	U	0.10	1.0	0.10	0.10	0.022
72-43-5	Methoxychlor	U	0.50	1.0	0.50	0.50	0.043
8001-35-2	Toxaphene	U	1.0	1.0	1.0	1.0	0.88
5103-71-9	alpha-Chlordane	U	0.050	1.0	0.050	0.050	0.018
5103-74-2	gamma-Chlordane	U	0.050	1.0	0.050	0.050	0.018
53494-70-5	Endrin Ketone	U	0.10	1.0	0.10	0.10	0.019
877-09-8	Tetrachloro-m-Xylene		67%				
2051-24-3	Decachlorobiphenyl		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-QD2

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix H.9

Sediment Samples – Eastern Plume

APPENDIX H.9

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Sediment Samples	
BN-21-EP-SWSD11	SED-11
BN-21-EP-SWSDXD2	SED-11 – Duplicate
Trip Blank	
BN-6-S2-QT6	Trip Blank (QT-06)
BN-6-S2-QT7	Trip Blank (QT-07)
Equipment Rinsate Blank	
BN-21-S1-LTSDQS7	Rinsate Blank (QS-007)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.4 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY | WORK ORDER #: WS4077 | KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TOC (Filt. ☐Y ☒N)	Pesticides (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☒N)	Grain Size (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-SWSD11	10/22/02 1525	Solid ~~H2O~~	12	x	x	x	x			MS	MSD		
	BN-21-EP-SWSDXD2	10/22/02 —	Solid ~~H2O~~	4	x	x	x	x						
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Cam	10/22/02 1510	Stephen Wheaton			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd.
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: ~~W54074~~ W54075
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC	Filt. ☐Y ☒N Metals	Filt. ☐Y ☐N ~~Metals~~ Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-52-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-52-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-52-LTXD1	10/17/07 —	H_2O	4	x	x								
	BN-6-52-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-52-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-52-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-52-QT6	/	H_2O	2	x									
	BN-6-52-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-52-QS5	10/17/07 —	H_2O	4	x	x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R 0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078
KATAHDIN PROJECT MANAGER:
REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/07 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/07 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/07 —	H2O	4	x	x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/07 15:17	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2987 | Fax #: (508) 485-5[illegible]2

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASD | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY WORK ORDER #: ~~W54075~~ W54075

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC-Methanol	Filt. ☐Y ☒N VOC-$Na_2S_2O_3$	Filt. ☐Y ☒N Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N MS	Filt. ☐Y ☐N MSD	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-LTSD203	10/17/02 1025	Sed	15	x	x	x				MS	MSD		
	BN-6-S2-LTSD202	10/17/02 1315		5	x	x	x							
	BN-6-S2-LTSDXD1	10/17/02 —		5	x	x	x							
	BN-6-S2-LT201	10/17/02 1145		5	x	x	x							
	BN-6-S2-QT7	not / —	H_2O	3		x								
	BN-6-S2-QT8	/	H_2O	1	x									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY WORK ORDER #: W54076

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N Metals	Filt. ☐Y ☒N TOC	Filt. ☐Y ☒N Pesticides	Filt. ☐Y ☒N Grain Size	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	~~LT-20~~	/												
	BN-6-52-SD17	10/17/02 1025	Sed	4	x	x	x	x						
	BN-6-52-SD18	10/17/02 1100	↓	4	x	x	x	x						
	BN-6-52-SD19	10/17/02 1130	↓	4	x	x	x	x						
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charles Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5712

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY WORK ORDER #: WS10073
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC MeOH (Filt. ☐Y ☒N)	VOC $Na_2S_2O_3$ (Filt. ☐Y ☒N)	TAL Metals (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-S1-LTSD9	10/18/02 1015	Soil	15	x	x	x			MS/MSD				
	BN-21-S1-LTSDXD2	10/18/02 —		5	x	x	x							
	BN-21-S1-LTSD5	10/18/02 1120		5	x	x	x							
	BN-21-S1-LTSD4	10/18/02 1115		5	x	x	x							
	BN-21-S1-LTSD3	10/18/02 1040		5	x	x	x							
	BN-21-S1-LTSD1	10/18/02 1000		5	x	x	x							
	BN-21-S1-LTSDQS7	10/18/02	AQ	5	x	x	x							
		/	10/23/02											
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
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Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

KAS-COC1 (R.0900)

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-574:
Address: 333 Turnpike Rd
City: Southbord
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W3IC73
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	6010/7000 TAL METALS (Filt. ☐Y ☒N)	9096 TOC (Filt. ☐Y ☒N)	8081 Pesticides (Filt. ☐Y ☒N)	0422 Grain Size (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-51-SWSD9	10/18/02 1415	Sed	12	x	x	x	x		MS/MSD				
	BN-21-51-SWSDXD1	10/18/02 —		4	x	x	x	x						
	BN-21-51-SWSD16	10/21/02 1005		4	x	x	x	x						
	BN-21-51-SWSD15	10/21/02 1020		4	x	x	x	x						
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.4
PO No: NASB LTMP
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/05/2002
Matrix: SOIL
% Solids: 47.5

Lab ID: WS4077-1
Client ID: BN-21-EP-SWSD11
SDG: WS4077
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC	U	3.6	1.0	1.7	3.6	1.4
58-89-9	gamma BHC	U	3.6	1.0	1.7	3.6	1.2
76-44-8	Heptachlor	U	3.6	1.0	1.7	3.6	1.2
319-85-7	beta-BHC	U	3.6	1.0	1.7	3.6	2.1
309-00-2	Aldrin	U	3.6	1.0	1.7	3.6	1.2
319-86-8	delta-BHC	U	3.6	1.0	1.7	3.6	1.2
1024-57-3	Heptachlor Epoxide	U	3.6	1.0	1.7	3.6	1.4
959-98-8	Endosulfan I	U	3.6	1.0	1.7	3.6	1.3
72-55-9	4,4'-DDE		7.5	1.0	3.3	6.9	1.3
60-57-1	Dieldrin	U	6.9	1.0	3.3	6.9	1.3
72-20-8	Endrin	U	6.9	1.0	3.3	6.9	1.2
72-54-8	4,4'-DDD	J	4.0	1.0	3.3	6.9	1.3
33213-65-9	Endosulfan II	U	6.9	1.0	3.3	6.9	1.2
50-29-3	4,4'-DDT		12	1.0	3.3	6.9	1.2
7421-36-3	Endrin Aldehyde	U	6.9	1.0	3.3	6.9	1.4
1031-07-8	Endosulfan sulfate	J	1.9	1.0	3.3	6.9	1.4
72-43-5	Methoxychlor	J	5.4	1.0	17	36	2.1
8001-35-2	Toxaphene	U	69	1.0	33	69	24
5103-71-9	alpha-Chlordane	U	3.6	1.0	1.7	3.6	1.4
5103-74-2	gamma-Chlordane	U	3.6	1.0	1.7	3.6	1.3
53494-70-5	Endrin Ketone	U	6.9	1.0	3.3	6.9	1.5
877-09-8	Tetrachloro-m-Xylene		72%				
2051-24-3	Decachlorobiphenyl		74%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-EP-SWSD11

Matrix: SOIL **SDG Name:** WS4077

Percent Solids: 47.5 **Lab Sample ID:** WS4077-001

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4540			P	1
7440-36-0	ANTIMONY	0.32	U	N	P	1
7440-38-2	ARSENIC	5.1			P	1
7440-39-3	BARIUM	31.2			P	1
7440-41-7	BERYLLIUM	0.38	B		P	1
7440-43-9	CADMIUM	0.37	U		P	1
7440-70-2	CALCIUM	616		N	P	1
7440-47-3	CHROMIUM	9.3			P	1
7440-48-4	COBALT	6.2			P	1
7440-50-8	COPPER	5.2			P	1
7439-89-6	IRON	15700		*	P	1
7439-92-1	LEAD	13.6			P	1
7439-95-4	MAGNESIUM	1430		N	P	1
7439-96-5	MANGANESE	916		*	P	1
7439-97-6	MERCURY	0.02	B		CV	1
7440-02-0	NICKEL	8.9			P	1
7440-09-7	POTASSIUM	440		N	P	1
7782-49-2	SELENIUM	0.56	B		P	1
7440-22-4	SILVER	0.71	U		P	1
7440-23-5	SODIUM	59.4	B		P	1
7440-28-0	THALLIUM	0.09	B		MS	5
7440-62-2	VANADIUM	13.3			P	1
7440-66-6	ZINC	35.9		N	P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

lient: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4077-1
Report Date: 11/20/02 9:39:45 AM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4077

Sample Description	Matrix	Date Sampled	Date Received
BN-21-EP-SWSD11	SL	10/21/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	48000 ug/g	400	LLOYDKAHN	10/31/02 04:35	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	48 %	0.1	CLP SOW 788	10/28/02 07:15	JF	CLP SOW 788	10/25/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: 29600.4
PO No: NASB LTMP
Sample Date: 10/21/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 11/02/02
Report Date: 11/05/2002
Matrix: SOIL
% Solids: 39.8

Lab ID: WS4077-2
Client ID: BN-21-EP-SWSDXD2
SDG: WS4077
Extracted by: NB
Extraction Method: SW846 3550
Analyst: LRS
Analysis Method: SW846 8081A
Lab Prep Batch: WG956
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
319-84-6	alpha-BHC		4.4	1.0	1.7	4.3	1.7
58-89-9	gamma BHC	U	4.3	1.0	1.7	4.3	1.5
76-44-8	Heptachlor	U	4.3	1.0	1.7	4.3	1.4
319-85-7	beta-BHC	U	4.3	1.0	1.7	4.3	2.6
309-00-2	Aldrin	U	4.3	1.0	1.7	4.3	1.4
319-86-8	delta-BHC	U	4.3	1.0	1.7	4.3	1.4
1024-57-3	Heptachlor Epoxide	U	4.3	1.0	1.7	4.3	1.6
959-98-8	Endosulfan I	U	4.3	1.0	1.7	4.3	1.5
72-55-9	4,4'-DDE		14	1.0	3.3	8.3	1.6
60-57-1	Dieldrin	U	8.3	1.0	3.3	8.3	1.5
72-20-8	Endrin	U	8.3	1.0	3.3	8.3	1.4
72-54-8	4,4'-DDD		30	1.0	3.3	8.3	1.6
33213-65-9	Endosulfan II	U	8.3	1.0	3.3	8.3	1.4
50-29-3	4,4'-DDT		12	1.0	3.3	8.3	1.4
7421-36-3	Endrin Aldehyde	U	8.3	1.0	3.3	8.3	1.7
1031-07-8	Endosulfan sulfate	U	8.3	1.0	3.3	8.3	1.7
72-43-5	Methoxychlor	U	43	1.0	17	43	2.6
8001-35-2	Toxaphene	U	83	1.0	33	83	29
5103-71-9	alpha-Chlordane	U	4.3	1.0	1.7	4.3	1.7
5103-74-2	gamma-Chlordane	U	4.3	1.0	1.7	4.3	1.6
53494-70-5	Endrin Ketone	U	8.3	1.0	3.3	8.3	1.8
877-09-8	Tetrachloro-m-Xylene		76%				
2051-24-3	Decachlorobiphenyl		75%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-EP-SWSDXD2

Matrix: SOIL **SDG Name:** WS4077

Percent Solids: 39.8 **Lab Sample ID:** WS4077-002

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	2920			P	1
7440-36-0	ANTIMONY	0.49	U	N	P	1
7440-38-2	ARSENIC	2.5			P	1
7440-39-3	BARIUM	21.2			P	1
7440-41-7	BERYLLIUM	0.23	B		P	1
7440-43-9	CADMIUM	0.57	U		P	1
7440-70-2	CALCIUM	519		N	P	1
7440-47-3	CHROMIUM	5.8			P	1
7440-48-4	COBALT	3.0	B		P	1
7440-50-8	COPPER	4.7	B		P	1
7439-89-6	IRON	5260		*	P	1
7439-92-1	LEAD	15.5			P	1
7439-95-4	MAGNESIUM	845		N	P	1
7439-96-5	MANGANESE	94.4		*	P	1
7439-97-6	MERCURY	0.07	B		CV	1
7440-02-0	NICKEL	7.0	B		P	1
7440-09-7	POTASSIUM	378		N	P	1
7782-49-2	SELENIUM	0.54	U		P	1
7440-22-4	SILVER	1.09	U		P	1
7440-23-5	SODIUM	40.1	B		P	1
7440-28-0	THALLIUM	0.15	B		MS	5
7440-62-2	VANADIUM	9.5			P	1
7440-66-6	ZINC	23.0		N	P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

ACCREDITED IN ACCORDANCE WITH nelac
Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4077-2
Report Date: 11/20/02 9:39:45 AM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4077

Sample Description	Matrix	Date Sampled	Date Received
BN-21-EP-SWSDXD2	SL	10/21/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
TOC in Soil	54000 ug/g	400	LLOYDKAHN	11/01/02 04:49	GDL	LLOYDKAHN	10/30/02	GDL	
Total Solids	40 %	0.1	CLP SOW 788	10/28/02 07:15	JF	CLP SOW 788	10/25/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		98%				
17060-07-0	1,2-Dichloroethane-D4		117%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-7
Client ID: BN-6-S2-QT6
SDG: WS4078
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-8
Client ID: BN-6-S2-QT7
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1168
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	10	1.0	10	10	3
75-01-4	Vinyl chloride	U	10	1.0	10	10	1
74-83-9	Bromomethane	U	10	1.0	10	10	2
75-00-3	Chloroethane	U	10	1.0	10	10	2
75-35-4	1,1-Dichloroethene	U	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	5	1.0	5	5	1
75-09-2	Methylene Chloride	B	6	1.0	5	5	4
67-64-1	Acetone	U	20	1.0	20	20	9
156-60-5	trans-1,2-Dichloroethene	U	5	1.0	5	5	1
75-34-3	1,1-Dichloroethane	U	5	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	5	1.0	5	5	2
67-66-3	Chloroform	U	5	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	5	1.0	5	5	1
78-93-3	2-Butanone	U	20	1.0	20	20	7
71-43-2	Benzene	U	5	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	5	1.0	5	5	1
79-01-6	Trichloroethene	U	5	1.0	5	5	2
78-87-5	1,2-Dichloropropane	U	5	1.0	5	5	2
75-27-4	Bromodichloromethane	U	5	1.0	5	5	1
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	2
108-88-3	Toluene	U	5	1.0	5	5	2
108-10-1	4-methyl-2-pentanone	U	20	1.0	20	20	12
127-18-4	Tetrachloroethene	U	5	1.0	5	5	2
10061-02-6	trans-1,3-Dichloropropene	U	5	1.0	5	5	2
79-00-5	1,1,2-Trichloroethane	U	5	1.0	5	5	1
124-48-1	Dibromochloromethane	U	5	1.0	5	5	2
591-78-6	2-Hexanone	U	20	1.0	20	20	8
108-90-7	Chlorobenzene	U	5	1.0	5	5	1
100-41-4	Ethylbenzene	U	5	1.0	5	5	1
	m+p-Xylenes	U	10	1.0	10	10	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
100-42-5	Styrene	U	5	1.0	5	5	1
75-25-2	Bromoform	U	5	1.0	5	5	1
79-34-5	1,1,2,2-Tetrachloroethane	U	5	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	5	1.0	5	5	1
106-46-7	1,4-Dichlorobenzene	U	5	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	5	1.0	5	5	0.9
540-59-0	1,2-Dichloroethylene (total)	U	10	1.0	10	10	3
1330-20-7	Xylenes (total)	U	15	1.0	15	15	3
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-8
Client ID: BN-6-S2-QT7
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1168
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4073-11
Client ID: BN-21-S1-LTSDQS7
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	10	1.0	10	10	3
75-01-4	Vinyl chloride	U	10	1.0	10	10	1
74-83-9	Bromomethane	U	10	1.0	10	10	2
75-00-3	Chloroethane	U	10	1.0	10	10	2
75-35-4	1,1-Dichloroethene	U	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	5	1.0	5	5	1
75-09-2	Methylene Chloride	U	5	1.0	5	5	4
67-64-1	Acetone	J	14	1.0	20	20	9
156-60-5	trans-1,2-Dichloroethene	U	5	1.0	5	5	1
75-34-3	1,1-Dichloroethane	U	5	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	5	1.0	5	5	2
67-66-3	Chloroform	U	5	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	5	1.0	5	5	1
78-93-3	2-Butanone	U	20	1.0	20	20	7
71-43-2	Benzene	U	5	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	5	1.0	5	5	1
79-01-6	Trichloroethene	U	5	1.0	5	5	2
78-87-5	1,2-Dichloropropane	U	5	1.0	5	5	2
75-27-4	Bromodichloromethane	U	5	1.0	5	5	1
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	2
108-88-3	Toluene	U	5	1.0	5	5	2
108-10-1	4-methyl-2-pentanone	U	20	1.0	20	20	12
127-18-4	Tetrachloroethene	U	5	1.0	5	5	2
10061-02-6	trans-1,3-Dichloropropene	U	5	1.0	5	5	2
79-00-5	1,1,2-Trichloroethane	U	5	1.0	5	5	1
124-48-1	Dibromochloromethane	U	5	1.0	5	5	2
591-78-6	2-Hexanone	U	20	1.0	20	20	8
108-90-7	Chlorobenzene	U	5	1.0	5	5	1
100-41-4	Ethylbenzene	U	5	1.0	5	5	1
	m+p-Xylenes	U	10	1.0	10	10	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
100-42-5	Styrene	U	5	1.0	5	5	1
75-25-2	Bromoform	U	5	1.0	5	5	1
79-34-5	1,1,2,2-Tetrachloroethane	U	5	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	5	1.0	5	5	1
106-46-7	1,4-Dichlorobenzene	U	5	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	5	1.0	5	5	0.9
540-59-0	1,2-Dichloroethylene (total)	U	10	1.0	10	10	3
1330-20-7	Xylenes (total)	U	15	1.0	15	15	3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4073-11
Client ID: BN-21-S1-LTSDQS7
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSDQS7

Matrix: WATER **SDG Name:** WS4073

Percent Solids: 0.00 **Lab Sample ID:** WS4073-011

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.68	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	10.4	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.93	U		P	1
7439-97-6	MERCURY	0.15	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	136	B		P	1
7440-28-0	THALLIUM	0.44	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	3.8	B		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-QD2

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix H.10

Leachate Station Sediment Samples – Sites 1 and 3

APPENDIX H.10

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Leachate Sediment Samples	
BN-21-S1-LTSD1	SED-01
BN-21-S1- LTSD3	SED-03
BN-21-S1- LTSD4	SED-04
BN-21-S1- LTSD5	SED-05
BN-21-S1- LTSD9	SED-09
BN-21-S1-LTSDXD2	SED-09 – Duplicate
Trip Blank	
BN-6-S2-QT7	Trip Blank (QT-07)
BN-6-S2-QT8	Trip Blank (QT-08)
Equipment Rinsate Blank	
BN-21-S1-LTSDQS7	Rinsate Blank (QS-007)
Source Water Blank	
BN-6-S2-QD2	Source Water Blank (QD-002)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASD
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54073 W54072
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☑N VOC-Methanol	Filt. ☐Y ☑N VOC-$Na_2S_2O_3$	Filt. ☐Y ☑N Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N MS	Filt. ☐Y ☐N MSD	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-52-LTSD203	10/17/07 1025	Sed	15	x	x	x				MS	MSD		
	BN-6-52-LTSD202	10/17/07 1315	↓	5	x	x	x							
	BN-6-52-LTSDXD1	10/17/07 —	↓	5	x	x	x							
	BN-6-52-LT201	10/17/07 1145	↓	5	x	x	x							
	BN-6-52-QT7	10/ —	H_2O	3		x								
	BN-6-52-QT8	/	H_2O	1	x									
		/												
		/												
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W5407K
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N Metals	Filt. ☐Y ☒N TOC	Filt. ☐Y ☒N Pesticides	Filt. ☐Y ☒N Grainsize	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	~~LT-20~~	/												
	BN-6-52-SD17	10/17/02 1025	Sed	4	x	x	x	x						
	BN-6-52-SD18	10/17/02 1100	↓	4	x	x	x	x						
	BN-6-52-SD19	10/17/02 1130	↓	4	x	x	x	x						
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
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CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd.
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: ~~W5-4074~~ ~~W5-4075~~
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC (Filt. ☐Y ☒N)	Metals (Filt. ☐Y ☒N)	Metals (Filt. ☒Y ☐N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-LT203	10/17/07 1025	H_2O	12	x	x				MS/MSD				
	BN-6-S2-LT202	10/17/07 1315	H_2O	4	x	x								
	BN-6-S2-LTXD1	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-LT201	10/17/07 1145	H_2O	4	x	x								
	BN-6-S2-LT203F	10/17/07 1055	H_2O	3			x			MS/MSD				
	BN-6-S2-LTXD2	10/17/07 —	H_2O	1			x							
	BN-6-S2-QT6	/	H_2O	2	x									
	BN-6-S2-QD2	10/17/07 —	H_2O	4	x	x								
	BN-6-S2-QS5	10/17/07 —	H_2O	4	x	x								
		/												
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/07 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54078 -
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC	Filt. ☐Y ☐N Metals	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-6-S2-SW04	10/17/07 1320	H2O	4	x	x								
	BN-6-S2-SW7	10/17/07 1345	H2O	4	x	x								
	BN-6-S2-SWXD1	10/17/07 —	H2O	4	x	x								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/07 1515	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES. EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 15.4

Lab ID: WS4073-10
Client ID: BN-21-S1-LTSD1
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	81	1.0	10	81	23
75-01-4	Vinyl chloride	U	81	1.0	10	81	11
74-83-9	Bromomethane	U	81	1.0	10	81	19
75-00-3	Chloroethane	U	81	1.0	10	81	21
75-35-4	1,1-Dichloroethene	U	40	1.0	5	40	13
75-15-0	Carbon Disulfide	J	20	1.0	5	40	12
75-09-2	Methylene Chloride		50	1.0	5	40	33
67-64-1	Acetone		880	1.0	20	160	74
156-60-5	trans-1,2-Dichloroethene	U	40	1.0	5	40	12
75-34-3	1,1-Dichloroethane	U	40	1.0	5	40	10
156-59-2	cis-1,2-Dichloroethene	U	40	1.0	5	40	13
67-66-3	Chloroform	U	40	1.0	5	40	8
56-23-5	Carbon Tetrachloride	U	40	1.0	5	40	13
71-55-6	1,1,1-Trichloroethane	U	40	1.0	5	40	12
78-93-3	2-Butanone	J	150	1.0	20	160	60
71-43-2	Benzene	U	40	1.0	5	40	10
107-06-2	1,2-Dichloroethane	U	40	1.0	5	40	10
79-01-6	Trichloroethene	U	40	1.0	5	40	17
78-87-5	1,2-Dichloropropane	U	40	1.0	5	40	16
75-27-4	Bromodichloromethane	U	40	1.0	5	40	8
10061-01-5	cis-1,3-dichloropropene	U	40	1.0	5	40	18
108-88-3	Toluene	U	40	1.0	5	40	20
108-10-1	4-methyl-2-pentanone	U	160	1.0	20	160	99
127-18-4	Tetrachloroethene	U	40	1.0	5	40	12
10061-02-6	trans-1,3-Dichloropropene	U	40	1.0	5	40	15
79-00-5	1,1,2-Trichloroethane	U	40	1.0	5	40	11
124-48-1	Dibromochloromethane	U	40	1.0	5	40	12
591-78-6	2-Hexanone	U	160	1.0	20	160	69
108-90-7	Chlorobenzene	U	40	1.0	5	40	9
100-41-4	Ethylbenzene	U	40	1.0	5	40	10
	m+p-Xylenes	U	81	1.0	10	81	17
95-47-6	o-Xylene	U	40	1.0	5	40	7
100-42-5	Styrene	U	40	1.0	5	40	8
75-25-2	Bromoform	U	40	1.0	5	40	10
79-34-5	1,1,2,2-Tetrachloroethane	U	40	1.0	5	40	20
541-73-1	1,3-Dichlorobenzene	U	40	1.0	5	40	11
106-46-7	1,4-Dichlorobenzene	U	40	1.0	5	40	12
95-50-1	1,2-Dichlorobenzene	U	40	1.0	5	40	7
540-59-0	1,2-Dichloroethylene (total)	U	81	1.0	10	81	25
1330-20-7	Xylenes (total)	U	120	1.0	15	120	24
1868-53-7	Dibromofluoromethane		79%				
17060-07-0	1,2-Dichloroethane-D4		* 65%				
2037-26-5	Toluene-D8		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 15.4

Lab ID: WS4073-10
Client ID: BN-21-S1-LTSD1
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 27%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 15.4

Lab ID: WS4073-10
Client ID: BN-21-S1-LTSD1-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	91	1.0	10	91	26
75-01-4	Vinyl chloride	U	91	1.0	10	91	12
74-83-9	Bromomethane	U	91	1.0	10	91	21
75-00-3	Chloroethane	U	91	1.0	10	91	23
75-35-4	1,1-Dichloroethene	U	46	1.0	5	46	15
75-15-0	Carbon Disulfide	U	46	1.0	5	46	14
75-09-2	Methylene Chloride	U	46	1.0	5	46	37
67-64-1	Acetone	U	180	1.0	20	180	83
156-60-5	trans-1,2-Dichloroethene	U	46	1.0	5	46	14
75-34-3	1,1-Dichloroethane	U	46	1.0	5	46	12
156-59-2	cis-1,2-Dichloroethene	U	46	1.0	5	46	14
67-66-3	Chloroform	U	46	1.0	5	46	9
56-23-5	Carbon Tetrachloride	U	46	1.0	5	46	14
71-55-6	1,1,1-Trichloroethane	U	46	1.0	5	46	13
78-93-3	2-Butanone	U	180	1.0	20	180	68
71-43-2	Benzene	U	46	1.0	5	46	11
107-06-2	1,2-Dichloroethane	U	46	1.0	5	46	11
79-01-6	Trichloroethene	U	46	1.0	5	46	20
78-87-5	1,2-Dichloropropane	U	46	1.0	5	46	18
75-27-4	Bromodichloromethane	U	46	1.0	5	46	9
10061-01-5	cis-1,3-dichloropropene	U	46	1.0	5	46	21
108-88-3	Toluene	U	46	1.0	5	46	23
108-10-1	4-methyl-2-pentanone	U	180	1.0	20	180	110
127-18-4	Tetrachloroethene	U	46	1.0	5	46	14
10061-02-6	trans-1,3-Dichloropropene	U	46	1.0	5	46	17
79-00-5	1,1,2-Trichloroethane	U	46	1.0	5	46	12
124-48-1	Dibromochloromethane	U	46	1.0	5	46	14
591-78-6	2-Hexanone	U	180	1.0	20	180	78
108-90-7	Chlorobenzene	U	46	1.0	5	46	10
100-41-4	Ethylbenzene	U	46	1.0	5	46	11
	m+p-Xylenes	U	91	1.0	10	91	19
95-47-6	o-Xylene	U	46	1.0	5	46	8
100-42-5	Styrene	U	46	1.0	5	46	9
75-25-2	Bromoform	U	46	1.0	5	46	11
79-34-5	1,1,2,2-Tetrachloroethane	U	46	1.0	5	46	22
541-73-1	1,3-Dichlorobenzene	U	46	1.0	5	46	13
106-46-7	1,4-Dichlorobenzene	U	46	1.0	5	46	14
95-50-1	1,2-Dichlorobenzene	U	46	1.0	5	46	8
540-59-0	1,2-Dichloroethylene (total)	U	91	1.0	10	91	28
1330-20-7	Xylenes (total)	U	140	1.0	15	140	27
1868-53-7	Dibromofluoromethane		*398%				
17060-07-0	1,2-Dichloroethane-D4		*180%				
2037-26-5	Toluene-D8		* 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 15.4

Lab ID: WS4073-10
Client ID: BN-21-S1-LTSD1-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 0%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSD1

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 15.4 **Lab Sample ID:** WS4073-010

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4400			P	1
7440-36-0	ANTIMONY	1.10	U	N	P	1
7440-38-2	ARSENIC	6.9			P	1
7440-39-3	BARIUM	69.4			P	1
7440-41-7	BERYLLIUM	1.2	B		P	1
7440-43-9	CADMIUM	1.4	B		P	1
7440-70-2	CALCIUM	15300		N	P	1
7440-47-3	CHROMIUM	9.4			P	1
7440-48-4	COBALT	64.2			P	1
7440-50-8	COPPER	14.2			P	1
7439-89-6	IRON	55200			P	1
7439-92-1	LEAD	43.2			P	1
7439-95-4	MAGNESIUM	1030			P	1
7439-96-5	MANGANESE	778			P	1
7439-97-6	MERCURY	1.6		N	CV	1
7440-02-0	NICKEL	60.0			P	1
7440-09-7	POTASSIUM	547			P	1
7782-49-2	SELENIUM	4.0	B		P	1
7440-22-4	SILVER	2.46	U		P	1
7440-23-5	SODIUM	264	B		P	1
7440-28-0	THALLIUM	0.34	B		MS	5
7440-62-2	VANADIUM	26.8			P	1
7440-66-6	ZINC	92.4		E	P	1

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-10
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-LTSD1	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	15 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 39.0

Lab ID: WS4073-9
Client ID: BN-21-S1-LTSD3
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	24	1.0	10	24	7
75-01-4	Vinyl chloride	U	24	1.0	10	24	3
74-83-9	Bromomethane	J	9	1.0	10	24	6
75-00-3	Chloroethane	U	24	1.0	10	24	6
75-35-4	1,1-Dichloroethene	U	12	1.0	5	12	4
75-15-0	Carbon Disulfide	U	12	1.0	5	12	4
75-09-2	Methylene Chloride	U	12	1.0	5	12	10
67-64-1	Acetone		700	1.0	20	49	22
156-60-5	trans-1,2-Dichloroethene	U	12	1.0	5	12	4
75-34-3	1,1-Dichloroethane	U	12	1.0	5	12	3
156-59-2	cis-1,2-Dichloroethene	U	12	1.0	5	12	4
67-66-3	Chloroform	U	12	1.0	5	12	2
56-23-5	Carbon Tetrachloride	U	12	1.0	5	12	4
71-55-6	1,1,1-Trichloroethane	U	12	1.0	5	12	4
78-93-3	2-Butanone	J	30	1.0	20	49	18
71-43-2	Benzene	U	12	1.0	5	12	3
107-06-2	1,2-Dichloroethane	U	12	1.0	5	12	3
79-01-6	Trichloroethene	U	12	1.0	5	12	5
78-87-5	1,2-Dichloropropane	U	12	1.0	5	12	5
75-27-4	Bromodichloromethane	U	12	1.0	5	12	2
10061-01-5	cis-1,3-dichloropropene	U	12	1.0	5	12	6
108-88-3	Toluene	U	12	1.0	5	12	6
108-10-1	4-methyl-2-pentanone	U	49	1.0	20	49	30
127-18-4	Tetrachloroethene	U	12	1.0	5	12	4
10061-02-6	trans-1,3-Dichloropropene	U	12	1.0	5	12	5
79-00-5	1,1,2-Trichloroethane	U	12	1.0	5	12	3
124-48-1	Dibromochloromethane	U	12	1.0	5	12	4
591-78-6	2-Hexanone	U	49	1.0	20	49	21
108-90-7	Chlorobenzene	U	12	1.0	5	12	3
100-41-4	Ethylbenzene	U	12	1.0	5	12	3
	m+p-Xylenes	U	24	1.0	10	24	5
95-47-6	o-Xylene	U	12	1.0	5	12	2
100-42-5	Styrene	U	12	1.0	5	12	2
75-25-2	Bromoform	U	12	1.0	5	12	3
79-34-5	1,1,2,2-Tetrachloroethane	U	12	1.0	5	12	6
541-73-1	1,3-Dichlorobenzene	U	12	1.0	5	12	3
106-46-7	1,4-Dichlorobenzene	U	12	1.0	5	12	4
95-50-1	1,2-Dichlorobenzene	U	12	1.0	5	12	2
540-59-0	1,2-Dichloroethylene (total)	U	24	1.0	10	24	7
1330-20-7	Xylenes (total)	U	36	1.0	15	36	7
1868-53-7	Dibromofluoromethane		* 6%				
17060-07-0	1,2-Dichloroethane-D4		* 11%				
2037-26-5	Toluene-D8		* 0%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 39.0

Lab ID: WS4073-9
Client ID: BN-21-S1-LTSD3
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 1%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 39.0

Lab ID: WS4073-9
Client ID: BN-21-S1-LTSD3-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	26	1.0	10	26	7
75-01-4	Vinyl chloride	U	26	1.0	10	26	4
74-83-9	Bromomethane	J	15	1.0	10	26	6
75-00-3	Chloroethane	U	26	1.0	10	26	7
75-35-4	1,1-Dichloroethene	U	13	1.0	5	13	4
75-15-0	Carbon Disulfide	J	4	1.0	5	13	4
75-09-2	Methylene Chloride	J	12	1.0	5	13	11
67-64-1	Acetone		820	1.0	20	53	24
156-60-5	trans-1,2-Dichloroethene	U	13	1.0	5	13	4
75-34-3	1,1-Dichloroethane	U	13	1.0	5	13	3
156-59-2	cis-1,2-Dichloroethene	U	13	1.0	5	13	4
67-66-3	Chloroform	U	13	1.0	5	13	3
56-23-5	Carbon Tetrachloride	U	13	1.0	5	13	4
71-55-6	1,1,1-Trichloroethane	U	13	1.0	5	13	4
78-93-3	2-Butanone	J	51	1.0	20	53	20
71-43-2	Benzene	U	13	1.0	5	13	3
107-06-2	1,2-Dichloroethane	U	13	1.0	5	13	3
79-01-6	Trichloroethene	U	13	1.0	5	13	6
78-87-5	1,2-Dichloropropane	U	13	1.0	5	13	5
75-27-4	Bromodichloromethane	U	13	1.0	5	13	3
10061-01-5	cis-1,3-dichloropropene	U	13	1.0	5	13	6
108-88-3	Toluene	U	13	1.0	5	13	6
108-10-1	4-methyl-2-pentanone	U	53	1.0	20	53	32
127-18-4	Tetrachloroethene	U	13	1.0	5	13	4
10061-02-6	trans-1,3-Dichloropropene	U	13	1.0	5	13	5
79-00-5	1,1,2-Trichloroethane	U	13	1.0	5	13	4
124-48-1	Dibromochloromethane	U	13	1.0	5	13	4
591-78-6	2-Hexanone	U	53	1.0	20	53	22
108-90-7	Chlorobenzene	U	13	1.0	5	13	3
100-41-4	Ethylbenzene	U	13	1.0	5	13	3
	m+p-Xylenes	U	26	1.0	10	26	6
95-47-6	o-Xylene	U	13	1.0	5	13	2
100-42-5	Styrene	U	13	1.0	5	13	3
75-25-2	Bromoform	U	13	1.0	5	13	3
79-34-5	1,1,2,2-Tetrachloroethane	U	13	1.0	5	13	6
541-73-1	1,3-Dichlorobenzene	U	13	1.0	5	13	4
106-46-7	1,4-Dichlorobenzene	J	7	1.0	5	13	4
95-50-1	1,2-Dichlorobenzene	U	13	1.0	5	13	2
540-59-0	1,2-Dichloroethylene (total)	U	26	1.0	10	26	8
1330-20-7	Xylenes (total)	U	40	1.0	15	40	8
1868-53-7	Dibromofluoromethane		* 0%				
17060-07-0	1,2-Dichloroethane-D4		* 0%				
2037-26-5	Toluene-D8		* 1%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 39.0

Lab ID: WS4073-9
Client ID: BN-21-S1-LTSD3-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 2%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSD3

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 39.0 **Lab Sample ID:** WS4073-009

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	4620			P	2
7440-36-0	ANTIMONY	0.88	U	N	P	2
7440-38-2	ARSENIC	6.4			P	2
7440-39-3	BARIUM	460			P	1
7440-41-7	BERYLLIUM	0.38	B		P	1
7440-43-9	CADMIUM	0.10	U		P	2
7440-70-2	CALCIUM	4840		N	P	2
7440-47-3	CHROMIUM	19.8			P	2
7440-48-4	COBALT	21.5			P	2
7440-50-8	COPPER	5.8	B		P	2
7439-89-6	IRON	96400			P	10
7439-92-1	LEAD	7.9			P	2
7439-95-4	MAGNESIUM	2310			P	2
7439-96-5	MANGANESE	30200			P	50
7439-97-6	MERCURY	0.04	B	N	CV	1
7440-02-0	NICKEL	15.7	B		P	2
7440-09-7	POTASSIUM	1080			P	1
7782-49-2	SELENIUM	4.88	U		P	10
7440-22-4	SILVER	3.0	B		P	2
7440-23-5	SODIUM	110	B		P	1
7440-28-0	THALLIUM	0.23	B		MS	5
7440-62-2	VANADIUM	15.0			P	2
7440-66-6	ZINC	31.3		E	P	2

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-9
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-LTSD3	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	39 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

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sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 24.0

Lab ID: WS4073-8
Client ID: BN-21-S1-LTSD4
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	51	1.0	10	51	14
75-01-4	Vinyl chloride	J	14	1.0	10	51	7
74-83-9	Bromomethane	U	51	1.0	10	51	12
75-00-3	Chloroethane	U	51	1.0	10	51	13
75-35-4	1,1-Dichloroethene	U	26	1.0	5	26	8
75-15-0	Carbon Disulfide		150	1.0	5	26	8
75-09-2	Methylene Chloride		30	1.0	5	26	21
67-64-1	Acetone		1200	1.0	20	100	46
156-60-5	trans-1,2-Dichloroethene	U	26	1.0	5	26	8
75-34-3	1,1-Dichloroethane		27	1.0	5	26	6
156-59-2	cis-1,2-Dichloroethene		29	1.0	5	26	8
67-66-3	Chloroform	U	26	1.0	5	26	5
56-23-5	Carbon Tetrachloride	U	26	1.0	5	26	8
71-55-6	1,1,1-Trichloroethane	U	26	1.0	5	26	8
78-93-3	2-Butanone	J	48	1.0	20	100	38
71-43-2	Benzene	U	26	1.0	5	26	6
107-06-2	1,2-Dichloroethane	U	26	1.0	5	26	6
79-01-6	Trichloroethene	J	12	1.0	5	26	11
78-87-5	1,2-Dichloropropane	U	26	1.0	5	26	10
75-27-4	Bromodichloromethane	U	26	1.0	5	26	5
10061-01-5	cis-1,3-dichloropropene	U	26	1.0	5	26	12
108-88-3	Toluene	U	26	1.0	5	26	13
108-10-1	4-methyl-2-pentanone	U	100	1.0	20	100	62
127-18-4	Tetrachloroethene	U	26	1.0	5	26	8
10061-02-6	trans-1,3-Dichloropropene	U	26	1.0	5	26	10
79-00-5	1,1,2-Trichloroethane	U	26	1.0	5	26	7
124-48-1	Dibromochloromethane	U	26	1.0	5	26	8
591-78-6	2-Hexanone	U	100	1.0	20	100	43
108-90-7	Chlorobenzene	J	10	1.0	5	26	6
100-41-4	Ethylbenzene	U	26	1.0	5	26	6
	m+p-Xylenes	U	51	1.0	10	51	11
95-47-6	o-Xylene	U	26	1.0	5	26	5
100-42-5	Styrene	U	26	1.0	5	26	5
75-25-2	Bromoform	U	26	1.0	5	26	6
79-34-5	1,1,2,2-Tetrachloroethane	U	26	1.0	5	26	12
541-73-1	1,3-Dichlorobenzene	U	26	1.0	5	26	7
106-46-7	1,4-Dichlorobenzene	J	24	1.0	5	26	8
95-50-1	1,2-Dichlorobenzene	J	12	1.0	5	26	5
540-59-0	1,2-Dichloroethylene (total)	J	29	1.0	10	51	16
1330-20-7	Xylenes (total)	U	77	1.0	15	77	15
1868-53-7	Dibromofluoromethane		81%				
17060-07-0	1,2-Dichloroethane-D4		79%				
2037-26-5	Toluene-D8		76%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 24.0

Lab ID: WS4073-8
Client ID: BN-21-S1-LTSD4
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 44%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 24.0

Lab ID: WS4073-8
Client ID: BN-21-S1-LTSD4-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	44	1.0	10	44	12
75-01-4	Vinyl chloride	U	44	1.0	10	44	6
74-83-9	Bromomethane	U	44	1.0	10	44	10
75-00-3	Chloroethane	U	44	1.0	10	44	11
75-35-4	1,1-Dichloroethene	U	22	1.0	5	22	7
75-15-0	Carbon Disulfide		180	1.0	5	22	6
75-09-2	Methylene Chloride		49	1.0	5	22	18
67-64-1	Acetone		3200	1.0	20	88	40
156-60-5	trans-1,2-Dichloroethene	U	22	1.0	5	22	6
75-34-3	1,1-Dichloroethane		39	1.0	5	22	6
156-59-2	cis-1,2-Dichloroethene		45	1.0	5	22	7
67-66-3	Chloroform	U	22	1.0	5	22	4
56-23-5	Carbon Tetrachloride	U	22	1.0	5	22	7
71-55-6	1,1,1-Trichloroethane	U	22	1.0	5	22	6
78-93-3	2-Butanone		91	1.0	20	88	33
71-43-2	Benzene	U	22	1.0	5	22	5
107-06-2	1,2-Dichloroethane	U	22	1.0	5	22	5
79-01-6	Trichloroethene	J	17	1.0	5	22	9
78-87-5	1,2-Dichloropropane	U	22	1.0	5	22	9
75-27-4	Bromodichloromethane	U	22	1.0	5	22	4
10061-01-5	cis-1,3-dichloropropene	U	22	1.0	5	22	10
108-88-3	Toluene	U	22	1.0	5	22	11
108-10-1	4-methyl-2-pentanone	U	88	1.0	20	88	54
127-18-4	Tetrachloroethene	U	22	1.0	5	22	6
10061-02-6	trans-1,3-Dichloropropene	U	22	1.0	5	22	8
79-00-5	1,1,2-Trichloroethane	U	22	1.0	5	22	6
124-48-1	Dibromochloromethane	U	22	1.0	5	22	7
591-78-6	2-Hexanone	U	88	1.0	20	88	37
108-90-7	Chlorobenzene		26	1.0	5	22	5
100-41-4	Ethylbenzene	U	22	1.0	5	22	5
	m+p-Xylenes	U	44	1.0	10	44	9
95-47-6	o-Xylene	U	22	1.0	5	22	4
100-42-5	Styrene	U	22	1.0	5	22	4
75-25-2	Bromoform	U	22	1.0	5	22	5
79-34-5	1,1,2,2-Tetrachloroethane	U	22	1.0	5	22	11
541-73-1	1,3-Dichlorobenzene	J	9	1.0	5	22	6
106-46-7	1,4-Dichlorobenzene		100	1.0	5	22	7
95-50-1	1,2-Dichlorobenzene		57	1.0	5	22	4
540-59-0	1,2-Dichloroethylene (total)		45	1.0	10	44	13
1330-20-7	Xylenes (total)	U	66	1.0	15	66	13
1868-53-7	Dibromofluoromethane		*179%				
17060-07-0	1,2-Dichloroethane-D4		*208%				
2037-26-5	Toluene-D8		121%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 24.0

Lab ID: WS4073-8
Client ID: BN-21-S1-LTSD4-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSD4

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 24.0 **Lab Sample ID:** WS4073-008

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	658	B		P	10
7440-36-0	ANTIMONY	5.98	U	N	P	10
7440-38-2	ARSENIC	55.9			P	10
7440-39-3	BARIUM	355			P	1
7440-41-7	BERYLLIUM	0.38	B		P	1
7440-43-9	CADMIUM	6.99	U		P	10
7440-70-2	CALCIUM	8020		N	P	10
7440-47-3	CHROMIUM	4.6	B		P	10
7440-48-4	COBALT	14.41	U		P	10
7440-50-8	COPPER	9.47	U		P	10
7439-89-6	IRON	397000			P	20
7439-92-1	LEAD	4.4	B		P	10
7439-95-4	MAGNESIUM	806			P	10
7439-96-5	MANGANESE	1100			P	10
7439-97-6	MERCURY	0.38		N	CV	1
7440-02-0	NICKEL	29.91	U		P	10
7440-09-7	POTASSIUM	249	B		P	1
7782-49-2	SELENIUM	10.3	B		P	10
7440-22-4	SILVER	13.37	U		P	10
7440-23-5	SODIUM	207	B		P	1
7440-28-0	THALLIUM	0.23	B		MS	15
7440-62-2	VANADIUM	12.64	U		P	10
7440-66-6	ZINC	14.3	B	E	P	10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-8
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-LTSD4	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	24 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 25.4

Lab ID: WS4073-7
Client ID: BN-21-S1-LTSD5
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	49	1.0	10	49	14
75-01-4	Vinyl chloride	U	49	1.0	10	49	7
74-83-9	Bromomethane	U	49	1.0	10	49	12
75-00-3	Chloroethane	U	49	1.0	10	49	13
75-35-4	1,1-Dichloroethene	U	25	1.0	5	25	8
75-15-0	Carbon Disulfide		130	1.0	5	25	7
75-09-2	Methylene Chloride	U	25	1.0	5	25	20
67-64-1	Acetone		540	1.0	20	99	45
156-60-5	trans-1,2-Dichloroethene	U	25	1.0	5	25	7
75-34-3	1,1-Dichloroethane	U	25	1.0	5	25	6
156-59-2	cis-1,2-Dichloroethene	U	25	1.0	5	25	8
67-66-3	Chloroform	U	25	1.0	5	25	5
56-23-5	Carbon Tetrachloride	U	25	1.0	5	25	8
71-55-6	1,1,1-Trichloroethane	U	25	1.0	5	25	7
78-93-3	2-Butanone	U	99	1.0	20	99	37
71-43-2	Benzene	U	25	1.0	5	25	6
107-06-2	1,2-Dichloroethane	U	25	1.0	5	25	6
79-01-6	Trichloroethene	U	25	1.0	5	25	10
78-87-5	1,2-Dichloropropane	U	25	1.0	5	25	10
75-27-4	Bromodichloromethane	U	25	1.0	5	25	5
10061-01-5	cis-1,3-dichloropropene	U	25	1.0	5	25	11
108-88-3	Toluene	U	25	1.0	5	25	12
108-10-1	4-methyl-2-pentanone	U	99	1.0	20	99	60
127-18-4	Tetrachloroethene	U	25	1.0	5	25	7
10061-02-6	trans-1,3-Dichloropropene	U	25	1.0	5	25	9
79-00-5	1,1,2-Trichloroethane	U	25	1.0	5	25	6
124-48-1	Dibromochloromethane	U	25	1.0	5	25	8
591-78-6	2-Hexanone	U	99	1.0	20	99	42
108-90-7	Chlorobenzene	U	25	1.0	5	25	5
100-41-4	Ethylbenzene	U	25	1.0	5	25	6
	m+p-Xylenes	U	49	1.0	10	49	10
95-47-6	o-Xylene	U	25	1.0	5	25	4
100-42-5	Styrene	J	9	1.0	5	25	5
75-25-2	Bromoform	U	25	1.0	5	25	6
79-34-5	1,1,2,2-Tetrachloroethane	U	25	1.0	5	25	12
541-73-1	1,3-Dichlorobenzene	U	25	1.0	5	25	7
106-46-7	1,4-Dichlorobenzene	J	19	1.0	5	25	8
95-50-1	1,2-Dichlorobenzene	U	25	1.0	5	25	4
540-59-0	1,2-Dichloroethylene (total)	U	49	1.0	10	49	15
1330-20-7	Xylenes (total)	U	74	1.0	15	74	15
1868-53-7	Dibromofluoromethane		* 43%				
17060-07-0	1,2-Dichloroethane-D4		* 45%				
2037-26-5	Toluene-D8		* 30%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 25.4

Lab ID: WS4073-7
Client ID: BN-21-S1-LTSD5
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 14%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 25.4

Lab ID: WS4073-7
Client ID: BN-21-S1-LTSD5-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	50	1.0	10	50	14
75-01-4	Vinyl chloride	U	50	1.0	10	50	7
74-83-9	Bromomethane	U	50	1.0	10	50	12
75-00-3	Chloroethane	U	50	1.0	10	50	13
75-35-4	1,1-Dichloroethene	U	25	1.0	5	25	8
75-15-0	Carbon Disulfide		290	1.0	5	25	7
75-09-2	Methylene Chloride	U	25	1.0	5	25	20
67-64-1	Acetone		480	1.0	20	100	46
156-60-5	trans-1,2-Dichloroethene	U	25	1.0	5	25	7
75-34-3	1,1-Dichloroethane	U	25	1.0	5	25	6
156-59-2	cis-1,2-Dichloroethene	U	25	1.0	5	25	8
67-66-3	Chloroform	U	25	1.0	5	25	5
56-23-5	Carbon Tetrachloride	U	25	1.0	5	25	8
71-55-6	1,1,1-Trichloroethane	U	25	1.0	5	25	7
78-93-3	2-Butanone	U	100	1.0	20	100	37
71-43-2	Benzene	U	25	1.0	5	25	6
107-06-2	1,2-Dichloroethane	U	25	1.0	5	25	6
79-01-6	Trichloroethene	U	25	1.0	5	25	11
78-87-5	1,2-Dichloropropane	U	25	1.0	5	25	10
75-27-4	Bromodichloromethane	U	25	1.0	5	25	5
10061-01-5	cis-1,3-dichloropropene	U	25	1.0	5	25	11
108-88-3	Toluene	U	25	1.0	5	25	12
108-10-1	4-methyl-2-pentanone	U	100	1.0	20	100	61
127-18-4	Tetrachloroethene	U	25	1.0	5	25	8
10061-02-6	trans-1,3-Dichloropropene	U	25	1.0	5	25	10
79-00-5	1,1,2-Trichloroethane	U	25	1.0	5	25	7
124-48-1	Dibromochloromethane	U	25	1.0	5	25	8
591-78-6	2-Hexanone	U	100	1.0	20	100	43
108-90-7	Chlorobenzene	U	25	1.0	5	25	5
100-41-4	Ethylbenzene	U	25	1.0	5	25	6
	m+p-Xylenes	U	50	1.0	10	50	10
95-47-6	o-Xylene	U	25	1.0	5	25	5
100-42-5	Styrene	U	25	1.0	5	25	5
75-25-2	Bromoform	U	25	1.0	5	25	6
79-34-5	1,1,2,2-Tetrachloroethane	U	25	1.0	5	25	12
541-73-1	1,3-Dichlorobenzene	U	25	1.0	5	25	7
106-46-7	1,4-Dichlorobenzene		93	1.0	5	25	8
95-50-1	1,2-Dichlorobenzene	J	17	1.0	5	25	4
540-59-0	1,2-Dichloroethylene (total)	U	50	1.0	10	50	15
1330-20-7	Xylenes (total)	U	75	1.0	15	75	15
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		94%				
2037-26-5	Toluene-D8		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 25.4

Lab ID: WS4073-7
Client ID: BN-21-S1-LTSD5-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		68%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSD5

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 25.4 **Lab Sample ID:** WS4073-007

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	1940			P	10
7440-36-0	ANTIMONY	6.40	U	N	P	10
7440-38-2	ARSENIC	2010			P	10
7440-39-3	BARIUM	54.3			P	1
7440-41-7	BERYLLIUM	0.40	B		P	1
7440-43-9	CADMIUM	7.48	U		P	10
7440-70-2	CALCIUM	5520		N	P	10
7440-47-3	CHROMIUM	1.65	U		P	10
7440-48-4	COBALT	15.41	U		P	10
7440-50-8	COPPER	10.12	U		P	10
7439-89-6	IRON	396000			P	20
7439-92-1	LEAD	3.78	U		P	10
7439-95-4	MAGNESIUM	1230			P	10
7439-96-5	MANGANESE	1900			P	10
7439-97-6	MERCURY	0.07	B	N	CV	1
7440-02-0	NICKEL	31.99	U		P	10
7440-09-7	POTASSIUM	480			P	1
7782-49-2	SELENIUM	12.3	B		P	10
7440-22-4	SILVER	14.30	U		P	10
7440-23-5	SODIUM	162	B		P	1
7440-28-0	THALLIUM	0.31	B		MS	15
7440-62-2	VANADIUM	13.52	U		P	10
7440-66-6	ZINC	15.1	B	E	P	10

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

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Katahdin
ANALYTICAL SERVICES

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Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-7
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-LTSD5	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	25 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 13.4

Lab ID: WS4073-5
Client ID: BN-21-S1-LTSD9
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	140	1.0	10	140	38
75-01-4	Vinyl chloride	U	140	1.0	10	140	18
74-83-9	Bromomethane	U	140	1.0	10	140	32
75-00-3	Chloroethane	U	140	1.0	10	140	35
75-35-4	1,1-Dichloroethene	U	68	1.0	5	68	22
75-15-0	Carbon Disulfide		160	1.0	5	68	20
75-09-2	Methylene Chloride	U	68	1.0	5	68	55
67-64-1	Acetone		930	1.0	20	270	120
156-60-5	trans-1,2-Dichloroethene	U	68	1.0	5	68	20
75-34-3	1,1-Dichloroethane	U	68	1.0	5	68	17
156-59-2	cis-1,2-Dichloroethene	U	68	1.0	5	68	21
67-66-3	Chloroform	U	68	1.0	5	68	14
56-23-5	Carbon Tetrachloride	U	68	1.0	5	68	21
71-55-6	1,1,1-Trichloroethane	U	68	1.0	5	68	20
78-93-3	2-Butanone	J	120	1.0	20	270	100
71-43-2	Benzene	U	68	1.0	5	68	16
107-06-2	1,2-Dichloroethane	U	68	1.0	5	68	17
79-01-6	Trichloroethene	U	68	1.0	5	68	29
78-87-5	1,2-Dichloropropane	U	68	1.0	5	68	28
75-27-4	Bromodichloromethane	U	68	1.0	5	68	14
10061-01-5	cis-1,3-dichloropropene	U	68	1.0	5	68	31
108-88-3	Toluene	U	68	1.0	5	68	34
108-10-1	4-methyl-2-pentanone	U	270	1.0	20	270	160
127-18-4	Tetrachloroethene	U	68	1.0	5	68	20
10061-02-6	trans-1,3-Dichloropropene	U	68	1.0	5	68	26
79-00-5	1,1,2-Trichloroethane	U	68	1.0	5	68	18
124-48-1	Dibromochloromethane	U	68	1.0	5	68	21
591-78-6	2-Hexanone	U	270	1.0	20	270	120
108-90-7	Chlorobenzene	U	68	1.0	5	68	15
100-41-4	Ethylbenzene	U	68	1.0	5	68	17
	m+p-Xylenes	U	140	1.0	10	140	28
95-47-6	o-Xylene	U	68	1.0	5	68	12
100-42-5	Styrene	U	68	1.0	5	68	14
75-25-2	Bromoform	U	68	1.0	5	68	17
79-34-5	1,1,2,2-Tetrachloroethane	U	68	1.0	5	68	33
541-73-1	1,3-Dichlorobenzene	U	68	1.0	5	68	19
106-46-7	1,4-Dichlorobenzene		130	1.0	5	68	21
95-50-1	1,2-Dichlorobenzene		200	1.0	5	68	12
540-59-0	1,2-Dichloroethylene (total)	U	140	1.0	10	140	42
1330-20-7	Xylenes (total)	U	200	1.0	15	200	41
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 13.4

Lab ID: WS4073-5
Client ID: BN-21-S1-LTSD9
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		85%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSD9

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 13.4 **Lab Sample ID:** WS4073-005

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	8150			P	5
7440-36-0	ANTIMONY	5.40	U	N	P	5
7440-38-2	ARSENIC	310			P	5
7440-39-3	BARIUM	66.8			P	1
7440-41-7	BERYLLIUM	0.88	B		P	1
7440-43-9	CADMIUM	0.63	U		P	5
7440-70-2	CALCIUM	4360		N	P	5
7440-47-3	CHROMIUM	16.4	B		P	5
7440-48-4	COBALT	79.0			P	5
7440-50-8	COPPER	8.1	B		P	5
7439-89-6	IRON	409000			P	20
7439-92-1	LEAD	25.4			P	5
7439-95-4	MAGNESIUM	2190			P	5
7439-96-5	MANGANESE	1040			P	5
7439-97-6	MERCURY	0.11	B	N	CV	1
7440-02-0	NICKEL	20.7	B		P	5
7440-09-7	POTASSIUM	1250			P	1
7782-49-2	SELENIUM	6.8	B		P	5
7440-22-4	SILVER	2.59	U		P	5
7440-23-5	SODIUM	230	B		P	1
7440-28-0	THALLIUM	0.41	B		MS	10
7440-62-2	VANADIUM	23.2	B		P	5
7440-66-6	ZINC	74.1		E	P	5

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

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Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-5
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-LTSD9	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	13 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

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P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

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sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 18.1

Lab ID: WS4073-6
Client ID: BN-21-S1-LTSDXD2
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	75	1.0	10	75	21
75-01-4	Vinyl chloride	U	75	1.0	10	75	10
74-83-9	Bromomethane	U	75	1.0	10	75	18
75-00-3	Chloroethane	U	75	1.0	10	75	19
75-35-4	1,1-Dichloroethene	U	38	1.0	5	38	12
75-15-0	Carbon Disulfide		38	1.0	5	38	11
75-09-2	Methylene Chloride	U	38	1.0	5	38	30
67-64-1	Acetone		900	1.0	20	150	68
156-60-5	trans-1,2-Dichloroethene	U	38	1.0	5	38	11
75-34-3	1,1-Dichloroethane	U	38	1.0	5	38	10
156-59-2	cis-1,2-Dichloroethene	U	38	1.0	5	38	12
67-66-3	Chloroform	U	38	1.0	5	38	8
56-23-5	Carbon Tetrachloride	U	38	1.0	5	38	12
71-55-6	1,1,1-Trichloroethane	U	38	1.0	5	38	11
78-93-3	2-Butanone	U	150	1.0	20	150	56
71-43-2	Benzene	U	38	1.0	5	38	9
107-06-2	1,2-Dichloroethane	U	38	1.0	5	38	9
79-01-6	Trichloroethene	U	38	1.0	5	38	16
78-87-5	1,2-Dichloropropane	U	38	1.0	5	38	15
75-27-4	Bromodichloromethane	U	38	1.0	5	38	8
10061-01-5	cis-1,3-dichloropropene	U	38	1.0	5	38	17
108-88-3	Toluene	U	38	1.0	5	38	19
108-10-1	4-methyl-2-pentanone	U	150	1.0	20	150	92
127-18-4	Tetrachloroethene	U	38	1.0	5	38	11
10061-02-6	trans-1,3-Dichloropropene	U	38	1.0	5	38	14
79-00-5	1,1,2-Trichloroethane	U	38	1.0	5	38	10
124-48-1	Dibromochloromethane	U	38	1.0	5	38	11
591-78-6	2-Hexanone	U	150	1.0	20	150	64
108-90-7	Chlorobenzene	U	38	1.0	5	38	8
100-41-4	Ethylbenzene	U	38	1.0	5	38	9
	m+p-Xylenes	U	75	1.0	10	75	16
95-47-6	o-Xylene	U	38	1.0	5	38	7
100-42-5	Styrene	U	38	1.0	5	38	8
75-25-2	Bromoform	U	38	1.0	5	38	9
79-34-5	1,1,2,2-Tetrachloroethane	U	38	1.0	5	38	18
541-73-1	1,3-Dichlorobenzene	U	38	1.0	5	38	10
106-46-7	1,4-Dichlorobenzene		96	1.0	5	38	12
95-50-1	1,2-Dichlorobenzene		130	1.0	5	38	7
540-59-0	1,2-Dichloroethylene (total)	U	75	1.0	10	75	23
1330-20-7	Xylenes (total)	U	110	1.0	15	110	22
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 18.1

Lab ID: WS4073-6
Client ID: BN-21-S1-LTSDXD2
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1157
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		* 58%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 18.1

Lab ID: WS4073-6
Client ID: BN-21-S1-LTSDXD2-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	54	1.0	10	54	15
75-01-4	Vinyl chloride	U	54	1.0	10	54	7
74-83-9	Bromomethane	U	54	1.0	10	54	13
75-00-3	Chloroethane	U	54	1.0	10	54	14
75-35-4	1,1-Dichloroethene	U	27	1.0	5	27	9
75-15-0	Carbon Disulfide		54	1.0	5	27	8
75-09-2	Methylene Chloride	U	27	1.0	5	27	22
67-64-1	Acetone		390	1.0	20	110	50
156-60-5	trans-1,2-Dichloroethene	U	27	1.0	5	27	8
75-34-3	1,1-Dichloroethane	U	27	1.0	5	27	7
156-59-2	cis-1,2-Dichloroethene	U	27	1.0	5	27	9
67-66-3	Chloroform	U	27	1.0	5	27	6
56-23-5	Carbon Tetrachloride	U	27	1.0	5	27	9
71-55-6	1,1,1-Trichloroethane	U	27	1.0	5	27	8
78-93-3	2-Butanone	U	110	1.0	20	110	41
71-43-2	Benzene	U	27	1.0	5	27	6
107-06-2	1,2-Dichloroethane	U	27	1.0	5	27	7
79-01-6	Trichloroethene	U	27	1.0	5	27	12
78-87-5	1,2-Dichloropropane	U	27	1.0	5	27	11
75-27-4	Bromodichloromethane	U	27	1.0	5	27	5
10061-01-5	cis-1,3-dichloropropene	U	27	1.0	5	27	12
108-88-3	Toluene	U	27	1.0	5	27	14
108-10-1	4-methyl-2-pentanone	U	110	1.0	20	110	67
127-18-4	Tetrachloroethene	U	27	1.0	5	27	8
10061-02-6	trans-1,3-Dichloropropene	U	27	1.0	5	27	10
79-00-5	1,1,2-Trichloroethane	U	27	1.0	5	27	7
124-48-1	Dibromochloromethane	U	27	1.0	5	27	8
591-78-6	2-Hexanone	U	110	1.0	20	110	46
108-90-7	Chlorobenzene	U	27	1.0	5	27	6
100-41-4	Ethylbenzene	U	27	1.0	5	27	7
	m+p-Xylenes	U	54	1.0	10	54	11
95-47-6	o-Xylene	U	27	1.0	5	27	5
100-42-5	Styrene	U	27	1.0	5	27	6
75-25-2	Bromoform	U	27	1.0	5	27	7
79-34-5	1,1,2,2-Tetrachloroethane	U	27	1.0	5	27	13
541-73-1	1,3-Dichlorobenzene	U	27	1.0	5	27	8
106-46-7	1,4-Dichlorobenzene		100	1.0	5	27	8
95-50-1	1,2-Dichlorobenzene		150	1.0	5	27	5
540-59-0	1,2-Dichloroethylene (total)	U	54	1.0	10	54	17
1330-20-7	Xylenes (total)	U	82	1.0	15	82	16
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 18.1

Lab ID: WS4073-6
Client ID: BN-21-S1-LTSDXD2-RA
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1161
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		76%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-21-S1-LTSDXD2

Matrix: SOIL **SDG Name:** WS4073

Percent Solids: 18.1 **Lab Sample ID:** WS4073-006

Concentration Units (ug/L or mg/Kg dry weight): mg/Kg

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	3880			P	5
7440-36-0	ANTIMONY	4.25	U	N	P	5
7440-38-2	ARSENIC	225			P	5
7440-39-3	BARIUM	60.1			P	1
7440-41-7	BERYLLIUM	0.56	B		P	1
7440-43-9	CADMIUM	0.50	U		P	5
7440-70-2	CALCIUM	4040		N	P	5
7440-47-3	CHROMIUM	8.6	B		P	5
7440-48-4	COBALT	55.1	B		P	5
7440-50-8	COPPER	4.5	B		P	5
7439-89-6	IRON	344000			P	20
7439-92-1	LEAD	15.4			P	5
7439-95-4	MAGNESIUM	1220			P	5
7439-96-5	MANGANESE	726			P	5
7439-97-6	MERCURY	0.11	B	N	CV	1
7440-02-0	NICKEL	14.2	B		P	5
7440-09-7	POTASSIUM	754			P	1
7782-49-2	SELENIUM	6.2	B		P	5
7440-22-4	SILVER	2.04	U		P	5
7440-23-5	SODIUM	181	B		P	1
7440-28-0	THALLIUM	0.62	B		MS	10
7440-62-2	VANADIUM	11.5	B		P	5
7440-66-6	ZINC	53.3		E	P	5

Color Before: N/A Texture: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Katahdin
ANALYTICAL SERVICES

Accredited in accordance with nelac
Cert No E87604

Report of Analytical Results

Client: Sherri Pullar
EA Engineering
The Maple Building
3 Washington Center
Newburgh, NY 12550

Lab Sample Id: WS4073-6
Report Date: 11/15/02 4:32:28 PM
Client PO: 29600.47
Project: NASB LTMP
SDG: WS4073

Sample Description	Matrix	Date Sampled	Date Received
BN-21-S1-LTSDXD2	SL	10/18/2002	10/22/2002

Parameter	Result	Adj Pql	Method	Anal Date/Time	By	Prep Method	Prep Date	By	Notes
Total Solids	18 %	0.1	CLP SOW 788	10/24/02 07:15	JF	CLP SOW 788	10/23/02	JF	

Notes

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-8
Client ID: BN-6-S2-QT7
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1168
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	10	1.0	10	10	3
75-01-4	Vinyl chloride	U	10	1.0	10	10	1
74-83-9	Bromomethane	U	10	1.0	10	10	2
75-00-3	Chloroethane	U	10	1.0	10	10	2
75-35-4	1,1-Dichloroethene	U	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	5	1.0	5	5	1
75-09-2	Methylene Chloride	B	6	1.0	5	5	4
67-64-1	Acetone	U	20	1.0	20	20	9
156-60-5	trans-1,2-Dichloroethene	U	5	1.0	5	5	1
75-34-3	1,1-Dichloroethane	U	5	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	5	1.0	5	5	2
67-66-3	Chloroform	U	5	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	5	1.0	5	5	1
78-93-3	2-Butanone	U	20	1.0	20	20	7
71-43-2	Benzene	U	5	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	5	1.0	5	5	1
79-01-6	Trichloroethene	U	5	1.0	5	5	2
78-87-5	1,2-Dichloropropane	U	5	1.0	5	5	2
75-27-4	Bromodichloromethane	U	5	1.0	5	5	1
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	2
108-88-3	Toluene	U	5	1.0	5	5	2
108-10-1	4-methyl-2-pentanone	U	20	1.0	20	20	12
127-18-4	Tetrachloroethene	U	5	1.0	5	5	2
10061-02-6	trans-1,3-Dichloropropene	U	5	1.0	5	5	2
79-00-5	1,1,2-Trichloroethane	U	5	1.0	5	5	1
124-48-1	Dibromochloromethane	U	5	1.0	5	5	2
591-78-6	2-Hexanone	U	20	1.0	20	20	8
108-90-7	Chlorobenzene	U	5	1.0	5	5	1
100-41-4	Ethylbenzene	U	5	1.0	5	5	1
	m+p-Xylenes	U	10	1.0	10	10	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
100-42-5	Styrene	U	5	1.0	5	5	1
75-25-2	Bromoform	U	5	1.0	5	5	1
79-34-5	1,1,2,2-Tetrachloroethane	U	5	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	5	1.0	5	5	1
106-46-7	1,4-Dichlorobenzene	U	5	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	5	1.0	5	5	0.9
540-59-0	1,2-Dichloroethylene (total)	U	10	1.0	10	10	3
1330-20-7	Xylenes (total)	U	15	1.0	15	15	3
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/30/02
Analysis Date: 10/30/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-8
Client ID: BN-6-S2-QT7
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5035
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1168
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-9
Client ID: BN-6-S2-QT8
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	500	1.0	10	500	18
75-01-4	Vinyl chloride	U	500	1.0	10	500	17
74-83-9	Bromomethane	U	500	1.0	10	500	200
75-00-3	Chloroethane	U	500	1.0	10	500	12
75-35-4	1,1-Dichloroethene	U	250	1.0	5	250	12
75-15-0	Carbon Disulfide	U	250	1.0	5	250	11
75-09-2	Methylene Chloride	U	250	1.0	5	250	12
67-64-1	Acetone	U	1000	1.0	20	1000	94
156-60-5	trans-1,2-Dichloroethene	U	250	1.0	5	250	8
75-34-3	1,1-Dichloroethane	U	250	1.0	5	250	12
156-59-2	cis-1,2-Dichloroethene	U	250	1.0	5	250	17
67-66-3	Chloroform	U	250	1.0	5	250	51
56-23-5	Carbon Tetrachloride	U	250	1.0	5	250	25
71-55-6	1,1,1-Trichloroethane	U	250	1.0	5	250	14
78-93-3	2-Butanone	U	1000	1.0	20	1000	58
71-43-2	Benzene	U	250	1.0	5	250	15
107-06-2	1,2-Dichloroethane	U	250	1.0	5	250	16
79-01-6	Trichloroethene	U	250	1.0	5	250	14
78-87-5	1,2-Dichloropropane	U	250	1.0	5	250	10
75-27-4	Bromodichloromethane	U	250	1.0	5	250	25
10061-01-5	cis-1,3-dichloropropene	U	250	1.0	5	250	8
108-88-3	Toluene	J	19	1.0	5	250	16
108-10-1	4-methyl-2-pentanone	U	1000	1.0	20	1000	84
127-18-4	Tetrachloroethene	U	250	1.0	5	250	20
10061-02-6	trans-1,3-Dichloropropene	U	250	1.0	5	250	24
79-00-5	1,1,2-Trichloroethane	U	250	1.0	5	250	20
124-48-1	Dibromochloromethane	U	250	1.0	5	250	8
591-78-6	2-Hexanone	U	1000	1.0	20	1000	54
108-90-7	Chlorobenzene	U	250	1.0	5	250	8
100-41-4	Ethylbenzene	J	10	1.0	5	250	6
	m+p-Xylenes	U	500	1.0	10	500	21
95-47-6	o-Xylene	U	250	1.0	5	250	14
100-42-5	Styrene	U	250	1.0	5	250	14
75-25-2	Bromoform	U	250	1.0	5	250	9
79-34-5	1,1,2,2-Tetrachloroethane	U	250	1.0	5	250	19
541-73-1	1,3-Dichlorobenzene	U	250	1.0	5	250	19
106-46-7	1,4-Dichlorobenzene	U	250	1.0	5	250	12
95-50-1	1,2-Dichlorobenzene	U	250	1.0	5	250	16
540-59-0	1,2-Dichloroethylene (total)	U	500	1.0	10	500	150
1330-20-7	Xylenes (total)	U	750	1.0	15	750	150
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/22/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4076-9
Client ID: BN-6-S2-QT8
SDG: WS4076
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4073-11
Client ID: BN-21-S1-LTSDQS7
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	10	1.0	10	10	3
75-01-4	Vinyl chloride	U	10	1.0	10	10	1
74-83-9	Bromomethane	U	10	1.0	10	10	2
75-00-3	Chloroethane	U	10	1.0	10	10	2
75-35-4	1,1-Dichloroethene	U	5	1.0	5	5	2
75-15-0	Carbon Disulfide	U	5	1.0	5	5	1
75-09-2	Methylene Chloride	U	5	1.0	5	5	4
67-64-1	Acetone	J	14	1.0	20	20	9
156-60-5	trans-1,2-Dichloroethene	U	5	1.0	5	5	1
75-34-3	1,1-Dichloroethane	U	5	1.0	5	5	1
156-59-2	cis-1,2-Dichloroethene	U	5	1.0	5	5	2
67-66-3	Chloroform	U	5	1.0	5	5	1
56-23-5	Carbon Tetrachloride	U	5	1.0	5	5	2
71-55-6	1,1,1-Trichloroethane	U	5	1.0	5	5	1
78-93-3	2-Butanone	U	20	1.0	20	20	7
71-43-2	Benzene	U	5	1.0	5	5	1
107-06-2	1,2-Dichloroethane	U	5	1.0	5	5	1
79-01-6	Trichloroethene	U	5	1.0	5	5	2
78-87-5	1,2-Dichloropropane	U	5	1.0	5	5	2
75-27-4	Bromodichloromethane	U	5	1.0	5	5	1
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	2
108-88-3	Toluene	U	5	1.0	5	5	2
108-10-1	4-methyl-2-pentanone	U	20	1.0	20	20	12
127-18-4	Tetrachloroethene	U	5	1.0	5	5	2
10061-02-6	trans-1,3-Dichloropropene	U	5	1.0	5	5	2
79-00-5	1,1,2-Trichloroethane	U	5	1.0	5	5	1
124-48-1	Dibromochloromethane	U	5	1.0	5	5	2
591-78-6	2-Hexanone	U	20	1.0	20	20	8
108-90-7	Chlorobenzene	U	5	1.0	5	5	1
100-41-4	Ethylbenzene	U	5	1.0	5	5	1
	m+p-Xylenes	U	10	1.0	10	10	2
95-47-6	o-Xylene	U	5	1.0	5	5	0.9
100-42-5	Styrene	U	5	1.0	5	5	1
75-25-2	Bromoform	U	5	1.0	5	5	1
79-34-5	1,1,2,2-Tetrachloroethane	U	5	1.0	5	5	2
541-73-1	1,3-Dichlorobenzene	U	5	1.0	5	5	1
106-46-7	1,4-Dichlorobenzene	U	5	1.0	5	5	2
95-50-1	1,2-Dichlorobenzene	U	5	1.0	5	5	0.9
540-59-0	1,2-Dichloroethylene (total)	U	10	1.0	10	10	3
1330-20-7	Xylenes (total)	U	15	1.0	15	15	3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/18/02
Received Date: 10/22/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/20/2002
Matrix: SOIL
% Solids: 100

Lab ID: WS4073-11
Client ID: BN-21-S1-LTSDQS7
SDG: WS4073
Extracted by: JSS
Extraction Method: SW846 5035
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1162
Units: ug/Kg

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services | **Client Field ID:** BN-21-S1-LTSDQS7

Matrix: WATER | **SDG Name:** WS4073

Percent Solids: 0.00 | **Lab Sample ID:** WS4073-011

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U		P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.68	B		P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U		P	1
7439-89-6	IRON	10.4	B		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.93	U		P	1
7439-97-6	MERCURY	0.15	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U		P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	136	B		P	1
7440-28-0	THALLIUM	0.44	B		MS	5
7440-62-2	VANADIUM	4.50	U		P	1
7440-66-6	ZINC	3.8	B		P	1

Color Before: N/A | Clarity Before: N/A

Color After: N/A | Clarity After: N/A

Comments:

FORM I - IN

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/17/02
Received Date: 10/22/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/21/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4078-8
Client ID: BN-6-S2-QD2
SDG: WS4078
Extracted by: JEY
Extraction Method: SW846 5030
Analyst: JEY
Analysis Method: SW846 8260B
Lab Prep Batch: WG1019
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		88%				

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-6-S2-QD2

Matrix: WATER **SDG Name:** WS4078

Percent Solids: 0.00 **Lab Sample ID:** WS4078-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	25.37	U		P	1
7440-36-0	ANTIMONY	2.13	U	N	P	1
7440-38-2	ARSENIC	2.00	U		P	1
7440-39-3	BARIUM	0.76	U		P	1
7440-41-7	BERYLLIUM	0.37	U		P	1
7440-43-9	CADMIUM	2.49	U		P	1
7440-70-2	CALCIUM	20.55	U		P	1
7440-47-3	CHROMIUM	0.55	U	N	P	1
7440-48-4	COBALT	5.13	U		P	1
7440-50-8	COPPER	3.37	U	N	P	1
7439-89-6	IRON	4.23	U		P	1
7439-92-1	LEAD	1.26	U		P	1
7439-95-4	MAGNESIUM	19.32	U		P	1
7439-96-5	MANGANESE	0.14	U		P	1
7439-97-6	MERCURY	0.09	B		CV	1
7440-02-0	NICKEL	10.65	U		P	1
7440-09-7	POTASSIUM	482.00	U	N	P	1
7782-49-2	SELENIUM	2.36	U		P	1
7440-22-4	SILVER	1.02	U		P	1
7440-23-5	SODIUM	42.6	B		P	1
7440-28-0	THALLIUM	0.32	B		MS	5
7440-62-2	VANADIUM	4.50	U	N	P	1
7440-66-6	ZINC	1.55	U	N	P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix H.11

Diffusion Samples – Sites 1 and 3

APPENDIX H.11

SAMPLE KEY – SITES 1 AND 3
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Diffusion Samples	
BN-21-S1-DS217BD	MW-217B
Trip Blank	
BN-21-EP-QT1	Trip Blank (QT-01)
BN-9-21-QT1	Trip Blank (QT-01)
Rinsate Blank	
BN-9-21-QS3	Rinsate Blank (QS-003)
BN-9-21-QS4	Rinsate Blank (QS-004)
Source Water Blank	
BN-9-21-QD1	Source Water Blank (QD-001)

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client	Contact	Phone #	Fax #
EA Engineering, Science, and Technology	Charles Springer	(508) 485-2982	(508) 485-5742

Address: 3 Turnpike Rd (Rte 9), Southborough Technology Park, Southborough, MA — City — State — Zip Code 01772

Purchase Order # — Proj Name / No. — Katahdin Quote #

Bill (if different than above) — Address

Sampler (Print / Sign) — Copies To:

LAB USE ONLY WORK ORDER #: W53957
KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓										
	BN-21-EP-MW303	10/9/02 12:20		3	✓										
	BN-21-EP-MW305	10/9/02 16:08		3	✓										
	BN-21-EP-P132	10/10/02 11:00		3	✓										
	BN-21-EP-MW309B	10/10/02 14:45		3	✓										
	BN-21-EP-MW308	10/10/02 18:10		9	✓										
	BN-21-EP-MW330	10/10/02 18:30		3	✓										
	BN-21-EP-MWXD1	10/10/02 —		3	✓										
	BN-21-EP-QT1	10/10/02 —		2	✓										
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Extra volume provided for MS/MSD samples

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/11/02 1:00	[signature] 10-11-02 1415			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

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ORIGINAL

Katahdin
ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering, Science, and Technology
Contact: Charles Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5712
Address: 333 Turnpike Rd (Rte 9), Southborough Technology Park, Southborough, MA
City:
State:
Zip Code: 01772
Purchase Order #:
Proj Name / No.:
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W53957
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

★	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓										
	BN-21-EP-MW303	10/9/02 12:20	↓	3	✓										
	BN-21-EP-MW305	10/9/02 16:08		3	✓										
	BN-21-EP-P132	10/10/02 11:00		3	✓										
	BN-21-EP-MW309B	10/10/02 14:45		3	✓										
	BN-21-EP-MW308	10/10/02 18:10		9	✓ ← Extra volume provided for MS/MSD samples										
	BN-21-EP-MW330	10/10/02 18:30		3	✓										
	BN-21-EP-MWXD1	10/10/02 —		3	✓										
	BN-21-EP-QT1	10/10/02 —	↓	2	✓										
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/11/02 1:00	[signature] 10-11-02 1415			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

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Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5742

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY

WORK ORDER #: W5H0675

KATAHDIN PROJECT MANAGER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-SW13	10/21/02/1450	H_2O	9	x						MS/MSD			
	BN-21-EP-SW14	10/21/02/1510	↓	3	x									
	BN-21-EP-SWXD2	10/21/02/—	↓	3	x									
	BN-21-EP-SW12	10/22/02/0850	↓	3	x									
	BN-21-EP-SW11	10/21/02/1520	↓	3	x									
	BN-21-EP-SW10	10/22/02/0925	↓	3	x									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

KAS-COC1 (R.0900)

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ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA Engineering | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: (508) 485-5[illegible]2

Address: 333 Turnpike Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.4 | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY

WORK ORDER #: ~~W-4074~~ MW5407-05

KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☒N VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-LT11	10/22/02/0910	H_2O	9	x					MS/MSD				
	BN-21-EP-LTxD4	10/22/02 —	H_2O	3	x									
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Co	10/22/02 1510	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page 1 of 1

Client: EA Engineering
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: (508) 485-5742
Address: 333 Turnpike Rd
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.4
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: W54675
KATAHDIN PROJECT MANAGER:
REMARKS:
SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☒N Pesticides	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-P106 ~~[illegible]~~	10/22/02 1320	H_2O	3	X									
	BN-21-EP-P111	10/22/02 1220	H_2O	3	X									
	BN-6-S2-SDQ58	10/22/02 —	H_2O	2		X								
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark Co	10/22/02 1510	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

AMRO E[redacted]nmental Laboratories Corporation
111 Herric[redacted]reet
Merrimack, NH 03054

CHAIN-OF-CUST[redacted]Y RECORD

41819

Office: (603) 4[redacted]22
Fax: (603) 42[redacted]96

Project No.:	Project Name:	Project Manager:	Samplers (Signature):	AMRO Project No.:
		Charlie Springer		
	Project State:			

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	Analysis Required: VOC 8260												Remarks
MW-9-21-DS60D	[illegible]	GW	9 VOA		X	✓												MS/MSD
MW-9-21-DS80D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 77D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 80D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 75D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 72D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 74D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 77D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 87D	[illegible]	GW	3 VOA		X	✓												
MW-9-21-DS 80D	[illegible]	GW	3 VOA		X	✓												
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other						HCL												
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other						G												

Send Results To:	FAX No.:	Seal Intact? Yes No N/A	P.O. No:	GW-1* GW-2 GW-3
Charlie Springer C.H. Sanborn Smith Ave Tech Park 133 Tech Rd Southbor MA 01772		Results Needed By:		MCP Level Needed: *= May require additional cost

Relinquished By	Date/ Time	Received By
[illegible]	[illegible]	[illegible]

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.**
Samples arriving after 12:00 noon will be tracked and billed as received on the following day.
AUTHORIZATION No. _____ **BY:** _____

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;
Samples received with Trip QT/

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 1 **OF** 2

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

42467

Office: (603) 424-2022
Fax: (603) 429-8496

Project No.: 2860047	Project Name: EA - BNMS	Project Manager: Charlie Spencer	Samplers (Signature): [illegible]	AMRO Project No.: [illegible]
	Project State:			

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	Analysis Required: VOC 8260	Remarks
BN-9-21-DS+D3	9/10/02 —	GW	3 VOA		X	✓	
BN-9-21-QS3	9/10/02 1035	GW	3 VOA		X	✓	
BN-9-21-QS4	9/10/02 1040	GW	3 VOA		X	✓	

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other — HCl

Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other — G

Send Results To:	FAX No.:	Seal Intact? Yes No N/A	P.O. No:	GW-1* ___ GW-2 ___ GW-3 ___
Charlie Spencer, EA Engineering, Earthtech Tech. Park, 222 Ver Rd Charlotte MA 01772		Results Needed By:		MCP Level Needed: ___ *= May require additional cost

Relinquished By	Date/ Time	Received By
[illegible]	9-12-02	[illegible] 9-12-02 0925

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.** ***Samples arriving after 12:00 noon will be tracked and billed as received on the following day.***

AUTHORIZATION No. ___ BY: ___

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc; Samples received with QT 1. (Tris).

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 2 OF 2

AMRO E[redacted]nmental Laboratories Corporation
111 Herri[redacted]treet
Merrimack, NH 03054

CHAIN-OF-CUS Y RECORD

42468

Office: (603) [redacted]022
Fax: (603) 42[redacted]8496

Project No.: 2960047	Project Name: EA - BNAS	Project Manager: Charlie Springer	Samplers (Signature): [signature]	AMRO Project No.: 2209036
	Project State:			

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	VOC 8260	THL metals											Remarks
BN-9-21-SW10	9/12/02 /	Surface water	3 VOA		X	✓												
BN-9-21-LT901	9/12/02 /	Seepwater	9 VOA		X	✓		MS/MSD										MS/MSD
BN-9-21-LTXD1	9/12/02 / —	Seepwater	3 VOA		X	✓												
BN-9-21-QS2	9/12/02 / 1020	water	3 VOA		X	✓												
BN-9-21-QD1	9/12/02 / 1030	water	4 VOA 250		X	✓	✓											
BN-9-21-QT1	9/12/02 /	water	3 VOA		X	✓												
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other						HCL	HNO3											
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other						G	P											

Send Results To:	FAX No.:	Seal Intact?	P.O. No:	GW-1* GW-2 GW-3
Charlie Springer EA Engineering Southboro Tech Park 33 Turk Rd Southboro MA 01772		Yes No N/A Results Needed By:		MCP Level Needed: *= May require additional cost

Relinquished By	Date/ Time	Received By
[signature]	1600/9-12-02	C Cauley 9-13-02 0925

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.** ***Samples arriving after 12:00 noon will be tracked and billed as received*** **on the following day.**

AUTHORIZATION No. _____ BY: _____

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 1 OF 1

5

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

42468

Office: (603) 424-2022
Fax: (603) 429-8496

Project No.: 2946.047
Project Name: EA - BNAS
Project State:
Project Manager: Charlie Springer
Samplers (Signature): [signature]
AMRO Project No.: 02090846

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	VOC 8260	THL metals	Remarks
BN-9-21-SW 010	9/12/02 /	Surface water	3 VOA		X	✓		
BN-9-21-LT901	9/12/02 /	Seepwater	9 VOA		X	✓	MS/MSD	MS/MSD
BN-9-21-LTXD1	9/12/02 / —	Seepwater	3 VOA		X	✓		
BN-9-21-QS2	9/12/02 / 1020	water	3 VOA		X	✓		
BN-9-21-QD1	9/12/02 / 1030	water	4 VOA 250		X	✓	✓	
BN-9-21-QT1	9/12/02 /	water	2 VOA		X	✓		

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other

	VOC 8260	THL metals
	HCL	HNO3
	G	P

Send Results To: Charlie Springer
EA Engineering
Southboro Tech Park
333 Turnpike Rd Southboro MA 01772

FAX No.:

Seal Intact? Yes No N/A

P.O. No:

Results Needed By:

GW-1* GW-2 GW-3

MCP Level Needed:

*= May require additional cost

Relinquished By	Date/ Time	Received By
[signature]	1600/9-12-02	

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.** *Samples arriving after 12:00 noon will be tracked and billed as received* on the following day.

AUTHORIZATION No. BY:

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 1 OF 1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-3
Client ID: BN-21-S1-DS217BD
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride		8	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene		2	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene		3	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	74	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		99%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3956-3
Client ID: BN-21-S1-DS217BD
SDG: WS3956
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QT1
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/11/02
Lab ID:	0209085-15A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Chloromethane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Vinyl chloride	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Chloroethane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Bromomethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Acetone	ND	10		µg/L	1	9/19/02 9:06:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
Carbon disulfide	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Methylene chloride	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
2-Butanone	ND	10		µg/L	1	9/19/02 9:06:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Chloroform	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromochloromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Benzene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
Trichloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Dibromomethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/19/02 9:06:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
Toluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
2-Hexanone	ND	10		µg/L	1	9/19/02 9:06:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Chlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-9-21-QT1
Lab Order: 0209085
Project: 2960047 EA - BNAS
Collection Date: 9/11/02
Lab ID: 0209085-15A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Ethylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
m,p-Xylene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
o-Xylene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Styrene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromoform	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Naphthalene	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Surr: Dibromofluoromethane	104	85-120		%REC	1	9/19/02 9:06:00 AM
Surr: 1,2-Dichloroethane-d4	103	80-124		%REC	1	9/19/02 9:06:00 AM
Surr: Toluene-d8	103	88-109		%REC	1	9/19/02 9:06:00 AM
Surr: 4-Bromofluorobenzene	102	77-117		%REC	1	9/19/02 9:06:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 3
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-12A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Chloromethane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Vinyl chloride	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Chloroethane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Bromomethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Acetone	9.0	10	J	µg/L	1	9/19/02 5:07:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
Carbon disulfide	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Methylene chloride	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
2-Butanone	7.0	10	J	µg/L	1	9/19/02 5:07:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Chloroform	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromochloromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Benzene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
Trichloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Dibromomethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/19/02 5:07:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
Toluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
2-Hexanone	ND	10		µg/L	1	9/19/02 5:07:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Chlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 3
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-12A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Ethylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
m,p-Xylene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
o-Xylene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Styrene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromoform	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Naphthalene	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Surr: Dibromofluoromethane	103	85-120		%REC	1	9/19/02 5:07:00 PM
Surr: 1,2-Dichloroethane-d4	104	80-124		%REC	1	9/19/02 5:07:00 PM
Surr: Toluene-d8	107	88-109		%REC	1	9/19/02 5:07:00 PM
Surr: 4-Bromofluorobenzene	102	77-117		%REC	1	9/19/02 5:07:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

H - Method prescribed holding time exceeded

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

- See Case Narrative

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 4
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-13A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Chloromethane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Vinyl chloride	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Chloroethane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Bromomethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Acetone	7.3	10	J	µg/L	1	9/19/02 5:42:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
Carbon disulfide	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Methylene chloride	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
2-Butanone	7.1	10	J	µg/L	1	9/19/02 5:42:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Chloroform	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromochloromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Benzene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
Trichloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Dibromomethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/19/02 5:42:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
Toluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
2-Hexanone	ND	10		µg/L	1	9/19/02 5:42:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Chlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 4
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-13A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Ethylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
m,p-Xylene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
o-Xylene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Styrene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromoform	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Naphthalene	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	9/19/02 5:42:00 PM
Surr: 1,2-Dichloroethane-d4	100	80-124		%REC	1	9/19/02 5:42:00 PM
Surr: Toluene-d8	106	88-109		%REC	1	9/19/02 5:42:00 PM
Surr: 4-Bromofluorobenzene	99.3	77-117		%REC	1	9/19/02 5:42:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

H - Method prescribed holding time exceeded

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

- See Case Narrative

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QD 1
Lab Order:	0209086		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209086-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Chloromethane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Vinyl chloride	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Chloroethane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Bromomethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Acetone	2.9	10	J	µg/L	1	9/23/02 4:05:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
Carbon disulfide	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Methylene chloride	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
2-Butanone	ND	10		µg/L	1	9/23/02 4:05:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Chloroform	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromochloromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Benzene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
Trichloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Dibromomethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/23/02 4:05:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
Toluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
2-Hexanone	ND	10		µg/L	1	9/23/02 4:05:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Chlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

H - Method prescribed holding time exceeded

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

- See Case Narrative

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QD 1
Lab Order:	0209086		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209086-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Ethylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
m,p-Xylene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
o-Xylene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Styrene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromoform	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Naphthalene	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	9/23/02 4:05:00 PM
Surr: 1,2-Dichloroethane-d4	107	80-124		%REC	1	9/23/02 4:05:00 PM
Surr: Toluene-d8	100	88-109		%REC	1	9/23/02 4:05:00 PM
Surr: 4-Bromofluorobenzene	104	77-117		%REC	1	9/23/02 4:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT: EA Engineering, Science and Technology
Project: 2960047 EA - BNAS
Lab Order: 0209086

Lab ID: 0209086-05
Collection Date: 9/12/02
Client Sample ID: BN-9-21-QD 1
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJK**
Aluminum	ND	200		µg/L	1	9/17/02 6:44:05 PM
Antimony	5.2	20	J	µg/L	1	9/17/02 6:44:05 PM
Barium	ND	200		µg/L	1	9/17/02 6:44:05 PM
Beryllium	ND	5.0		µg/L	1	9/17/02 6:44:05 PM
Cadmium	ND	5.0		µg/L	1	9/17/02 6:44:05 PM
Calcium	ND	2,500		µg/L	1	9/17/02 6:44:05 PM
Chromium	ND	10		µg/L	1	9/17/02 6:44:05 PM
Cobalt	ND	50		µg/L	1	9/17/02 6:44:05 PM
Copper	ND	25		µg/L	1	9/17/02 6:44:05 PM
Iron	ND	100		µg/L	1	9/17/02 6:44:05 PM
Magnesium	ND	2,500		µg/L	1	9/17/02 6:44:05 PM
Manganese	ND	15		µg/L	1	9/17/02 6:44:05 PM
Nickel	ND	40		µg/L	1	9/17/02 6:44:05 PM
Potassium	ND	2,500		µg/L	1	9/17/02 6:44:05 PM
Silver	ND	7.0		µg/L	1	9/17/02 6:44:05 PM
Sodium	550	2,500	J	µg/L	1	9/17/02 6:44:05 PM
Vanadium	ND	50		µg/L	1	9/17/02 6:44:05 PM
Zinc	ND	20		µg/L	1	9/23/02 7:53:32 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	9/18/02
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	9/18/02
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	9/18/02
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	9/18/02
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	9/18/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Appendix H.12

Diffusion Samples – Eastern Plume

APPENDIX H.12

SAMPLE KEY – EASTERN PLUME
NAVAL AIR STATION, BRUNSWICK

Sample Designation	Sample Station
Diffusion Samples	
BN-21-EP-DS105AD	MW-105A (Deep)
BN-21-EP-DS209D	MW-205 (Deep)
BN-21-EP-DS224M	MW-224 (Mid)
BN-21-EP-DS225AS	MW-225A (Shallow)
BN-21-EP-DS225AM	MW-225A (Mid)
BN-21-EP-DS225AD	MW-225A (Deep)
BN-21-EP-DSXD6	MW-225A (Deep) – Duplicate
BN-21-EP-DS229AM	MW-229A (Mid)
BN-21-EP-DS230AS	MW-230A (Shallow)
BN-21-EP-DS230AM	MW-230A (Mid)
BN-21-EP-DS230AD	MW-230A (Deep)
BN-21-EP-DS231AS	MW-231A (Shallow)
BN-21-EP-DS231AM	MW-231A (Mid)
BN-21-EP-DS231AD	MW-231A (Deep)
BN-21-EP-DS231BS	MW-231B (Shallow)
BN-21-EP-DS231BM	MW-231B (Mid)
BN-21-EP-DS231BD	MW-231B (Deep)
BN-21-EP-DS303S	MW-303 (Shallow)
BN-21-EP-DS303M	MW-303 (Mid)
BN-21-EP-DS303D	MW-303 (Deep)
BN-21-EP-DS305S	MW-305 (Shallow)
BN-21-EP-DS305M	MW-305 (Mid)
BN-21-EP-DS305D	MW-305 (Deep)
BN-21-EP-DS306S	MW-306 (Deep)
BN-21-EP-DS308S	MW-308 (Shallow)
BN-21-EP-DS308M	MW-308 (Mid)
BN-21-EP-DSXD1	MW-308 (Mid) - Duplicate
BN-21-EP-DS308D	MW-308 (Deep)
BN-21-EP-DS309BS	MW-309 (Shallow)
BN-21-EP-DS309BM	MW-309B (Mid)
BN-21-EP-DS309BD	MW-309B (Deep)
BN-21-EP-DS311D	MW-311 (Deep)
BN-21-EP-DSXD2	MW-311 (Deep) -Duplicate
BN-21-EP-DS313S	MW-313 (Shallow)
BN-21-EP-DS313M	MW-313 (Mid)
BN-21-EP-DS313D	MW-313 (Deep)
BN-21-EP-DS318S	MW-318 (Shallow)

Sample Designation	Sample Station
BN-21-EP-DS318M	MW-318 (Mid)
BN-21-EP-DS318D	MW-318 (Deep)
BN-21-EP-DS319D	MW-319 (Deep)
BN-21-EP-DS330S	MW-330 (Shallow)
BN-21-EP-DS330M	MW-330 (Mid)
BN-21-EP-DS330D	MW-330 (Deep)
BN-21-EP-DS331M	MW-331 (Mid)
BN-21-EP-DS332M	MW-332 (Mid)
BN-21-EP-DS333S	MW-333 (Shallow)
BN-21-EP-DSXD4	MW-333 (Shallow) - Duplicate
BN-21-EP-DS333M	MW-333 (Mid)
BN-21-EP-DS333D	MW-333 (Deep)
BN-21-EP-DS334S	MW-334 (Shallow)
BN-21-EP-DS334M	MW-334 (Mid)
BN-21-EP-DS334D	MW-334 (Deep)
BN-21-EP-DSXD5	MW-334 (Deep) –Duplicate
BN-21-EP-DS1104S	MW-1104 (Shallow)
BN-21-EP-DS1104M	MW-1104 (Mid)
BN-21-EP-DS1104D	MW-1104 (Deep)
BN-21-EP-DS212S	MW-NASB-212 (Shallow)
BN-21-EP-DS132S	P-132 (Shallow)
BN-21-EP-DS132M	P-132 (Mid)
BN-21-EP-DS132D	P-132 (Deep)
Trip Blank	
BN-21-EP-QT1	Trip Blank (QT-01)
BN-21-EP-QT5	Trip Blank (QT-05)
BN-9-21-QT1	Trip Blank (QT-01)
Rinsate Blank	
BN-9-21-QS3	Rinsate Blank (QS-003)
BN-9-21-QS4	Rinsate Blank (QS-004)
Source Water Blank	
BN-9-21-QD1	Source Water Blank (QD-001)

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Fax #: (508) 485-5742
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City / State / Zip Code: 01772
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TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B (Filt. ☐Y☐N)	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓									
	BN-21-EP-MW303	10/9/02 12:20		3	✓									
	BN-21-EP-MW305	10/9/02 16:08		3	✓									
	BN-21-EP-P132	10/10/02 11:00		3	✓									
	BN-21-EP-MW309B	10/10/02 14:45		3	✓									
	BN-21-EP-MW308	10/10/02 18:10		9	✓									
	BN-21-EP-MW330	10/10/02 18:30		3	✓									
	BN-21-EP-MWXD1	10/10/02 —		3	✓									
	BN-21-EP-QT1	10/10/02 —		2	✓									
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Extra volume provided for MS/MSD samples

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
	10/11/02 1100	10-11-02 1415			
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Fax #: (508) 485-5[illegible]
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City: Southborough
State: MA
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ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOC by EPA 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
	BN-21-EP-MW1104	10/8/02 1412	Water	3	✓										
	BN-21-EP-MW303	10/9/02 12:20	↓	3	✓										
	BN-21-EP-MW305	10/9/02 16:08		3	✓										
	BN-21-EP-P132	10/10/02 11:00		3	✓										
	BN-21-EP-MW309B	10/10/02 14:45		3	✓										
	BN-21-EP-MW308	10/10/02 18:10		9	✓ ← Extra volume provided for MS/MSD samples										
	BN-21-EP-MW330	10/10/02 18:30		3	✓										
	BN-21-EP-MWXD1	10/10/02 —		3	✓										
	BN-21-EP-QT1	10/10/02 —	↓	2	✓										
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COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/10/02 1400	[signature] 10-11-02 1415			
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ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	~~VOCs~~ TCL VOCs by EPA 8260B (Filt. ☐Y ☒N)	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-DS306S	10/8/02 14:00	Water	3	✓									
	BN-21-EP-DS1104S	10/8/02 14:30		3	✓									
	BN-21-EP-DS1104M	10/8/02 14:30		3	✓									
	BN-21-EP-DS1104D	10/8/02 14:30		3	✓									
	BN-21-EP-DS212S	10/9/02 09:20		3	✓									
	BN-21-EP-DS303S	10/9/02 10:06		3	✓									
	BN-21-EP-DS303M	10/9/02 10:08		3	✓									
	BN-21-EP-DS303D	10/9/02 10:10		3	✓									
	BN-21-EP-DS305S	10/9/02 13:40		3	✓									
	BN-21-EP-DS305M	10/9/02 13:42		3	✓									
	BN-21-EP-DS305D	10/9/02 13:44		3	✓									
	BN-21-EP-DS132S	10/10/02 08:35		3	✓									
	BN-21-EP-DS132M	10/10/02 08:40		3	✓									
	BN-21-EP-DS132D	10/10/02 08:45		3	✓									
	BN-21-EP-DS309BS	10/10/02 13:50		3	✓									
	BN-21-EP-DS309BM	10/10/02 13:52		3	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/11/02 1100	[signature]			
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State: MA
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TEMP°C: ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	TCL VOCs by EPA 8260B (Filt. ☐Y ☐N)									
	BN-21-EP-DS309BD	10/10/02 13:54	Water	3	✓									
	BN-21-EP-DS308S	10/10/02 15:40		~~3~~ 9	✓	← Extra volume provided for MS/MSD samples								
	BN-21-EP-DS308M	10/10/02 15:47		3	✓									
	BN-21-EP-DS308D	10/10/02 15:50		3	✓									
	BN-21-EP-DS330S	10/10/02 16:05		3	✓									
	BN-21-EP-DS330M	10/10/02 16:08		3	✓									
	BN-21-EP-DS330D	10/10/02 16:10		3	✓									
	BN-21-EP-DSXD1	10/10/02 —		3	✓									
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COMMENTS: Please include "BN-21-EP-QT1" results in data package for this COC.

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	10/11/02 1100	[signature] 10/11/02 1415			
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ANALYSIS AND CONTAINER TYPE PRESERVATIVES

★	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	Filt. ☐Y ☒N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-MW225A	10/16/02 1040	H2O	9	✓										
	BN-21-EP-MW231A	10/16/02 1147		3	✓										
	" MWXD3	10/16/02 —		3	✓										
	" MW333	10/16/02 1415		3	✓										
	" MW313	10/16/02 1137		3	✓										
	" MW230A	10/15/02 1619		3	✓										
	" MW207A	10/14/02 1430		3	✓										
	" MW231B	10/15/02 1407		3	✓										
	" MW334	10/16/02 1345		3	✓										
	" MWXD2	10/16/02 —		3	✓										
	" MW318	10/15/02 1630		3	✓										
	" ~~EW~~ 1	10/15/02 1140		3	✓										
	" EW2A	10/15/02 1045		3	✓										
	" EW4	10/15/02 0930		3	✓										
	" EW5A	10/14/02 1120		3	✓										
	" TPEFF	10/16/02 1605		3	✓										

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark A. Carver	10/16/02 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES. EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: ( )

Address: 333 Tpk Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB LTMP | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): Mark Carver Mark A. Co | Copies To:

LAB USE ONLY | WORK ORDER #: WS4001 + WS4002 | KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	VOC 8260B	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N	Filt. Y N
	BN-21-EP-TPINS	10/16/07 1600	H2O	3	✓										
	BN-21-EP-QTS	10/16/07		2	✓	Trip									
	" DS225AS	10/16/07 0900		9	✓										
	" DS225AM	10/16 /0905		3	✓										
	" DS225AD	10/16 /0910		3	✓										
	" DSDXD6	10/16 / —		3	✓										
	" DS105AD	10/15 / 1415		2	✓										
	" DS230AD	10/15 / 1500		3	✓										
	" DS230AM	10/15 / 1455		3	✓										
	" DS230AS	10/15 / 1450		3	✓										
	" DS209D	10/15 / 1435		3	✓						DS205D per CS 10/1				
	" DSXDS	10/16 / —		3	✓										
	" DS334D	10/16 / 1130		3	✓										
	" DS334M	10/16 / 1125		3	✓										
	" DS334S	10/16 / 1120		3	✓										
	" DS318D	10/15 / 1529	↓	3	✓										

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Sig
Mark A. Co	10/16/07 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. (877) 782-3311

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA
Contact: Charlie Springer
Phone #: (508) 485-2982
Fax #: ( )
Address: 333 Tpk
City: Southboro
State: MA
Zip Code: 01772
Purchase Order #: 29600.47
Proj. Name / No.: NASB LTMP
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY
WORK ORDER #: WS4002 1st + WS4003 2nd
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y☐N VOC 8260B	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N	Filt. ☐Y☐N
B	N-21-EP-DS318M	10/15/02 1527	H_2O	3	✓									
	" DS318S	10/15 / 1525		3	✓									
	" DS224M	10/15/0945		3	✓									
	" DS229AM	10/15/1155		3	✓									
	" DS332M	10/15/1115		9	✓									
	" DS331M	10/15 /1040		3	✓									
	" ~~DS~~XD4	10/16 / —		3	✓									
	" DS-333S	10/16 /1155		3	✓									
	" DS333M	10/16 /1157		3	✓									
	" DS333D	10/16 /1200		3	✓									
	" DS231BM	10/15 /1045		3	✓									
	" DS231BS	10/15 /1047		3	✓									
	" DS231BD	10/15/1050		3	✓									
	" DSXD2	10/15/ —		3	✓									
	" DS311D	10/15/1050		3	✓									
	" DS319D	10/15/1015	↓	3	✓									

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Mark O. Co	10/16/02 1715	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
(AS-COC1 (R 0800))
THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.
ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Client: EA | Contact: Charlie Springer | Phone #: (508) 485-2982 | Fax #: ( )

Address: 333 TPK Rd | City: Southboro | State: MA | Zip Code: 01772

Purchase Order #: 29600.47 | Proj. Name / No.: NASB LTMP | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY WORK ORDER #: WS4003
KATAHDIN PROJECT MANAGER:

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☒N VOC 8260B	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	BN-21-EP-DS ~~333A~~ 231AS	10/15/0920	H_2O	3	✓									
	" DS231AM	10/15/0922		3	✓									
	" DS231AD	10/15/0924		3	✓									
	" DS313S	10/16/0910		3	✓									
	" DS 313M	10/16/0912		3	✓									
	" DS313D	10/16/0915		3	✓									
	QTS	— / —		2	✓	TRIP								
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Sign
Mark A. Co	10/16/02 17:15	[illegible]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

FORMSOURCE INC. ☎ (877) 782-3311
KAS-COC1 (R.0900)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

41812

Office: (603) 4[illegible]22
Fax: (603) 42[illegible]496

Project No.:	Project Name:	Project Manager:	Samplers (Signature):	AMRO Project No.:
	Project State:			

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	Analysis Required: VOC 8260													Remarks
[illegible]	[illegible]	GW	9 VOA		X	✓													[illegible]
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
[illegible]	[illegible]	GW	3 VOA		X	✓													
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other						HCl													
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other						G													

Send Results To:	FAX No.:	Seal Intact? Yes No N/A	P.O. No:	GW-1* GW-2 GW-3
[illegible]		Results Needed By:		MCP Level Needed:
				*= May require additional cost

Relinquished By	Date/ Time	Received By
[illegible]	[illegible]	[illegible]

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.**

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AUTHORIZATION No. _____ **BY:** _____

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;
Samples accepted with Temp 9°C

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 1 **OF** 2

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

42467

Office: (603) 424-2022
Fax: (603) 429-8496

Project No.:	Project Name:	Project Manager:	Samplers (Signature):	AMRO Project No.:
2060017	EH - BRDS	Charlie Sprague	[illegible]	[illegible]
	Project State:			

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	Analysis Required: VOC 8260												Remarks
BN-9-21-DS2D3	9/10/02 —	GW	3 VOA		X	✓												
BN-9-21-QS3	9/10/02 1035	GW	3 VOA		X	✓												
BN-9-21-QS4	9/10/02 1040	GW	3 VOA		X	✓												
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other						HCl												
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other						G												

Send Results To:	FAX No.:	Seal Intact?	P.O. No:	GW-1* GW-2 GW-3
Charlie Sprague [illegible] Northborough Tech Park [illegible] Northboro MA 01732		Yes No N/A Results Needed By:		MCP Level Needed: *= May require additional cost

Relinquished By	Date/ Time	Received By
[illegible]	9-12-02 [illegible]	C Sprague 9-13-02 0925

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.**

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AUTHORIZATION No. _____ **BY:** _____

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;
Samples associated with QT 1 (Trip).

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 2 **OF** 2

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

42468

Office: (603) 42[illegible]22
Fax: (603) 42[illegible]496

Project No.: 296047	Project Name: EA - BNAS	Project Manager: Charlie Springer	Samplers (Signature): [illegible]	AMRO Project No.: [illegible]
	Project State:			

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	VOC 8260	THL metals											Remarks
BN-9-21-SW10	9/12/02 /	Surface water	3 VOA		X	✓												
BN-9-21-LT901	9/12/02 /	Seepwater	9 VOA		X	✓		MS/MSD										MS/MSD
BN-9-21-LTXD1	9/12/02 / —	Seepwater	3 VOA		X	✓												
BN-9-21-QS2	9/12/02 / 1020	water	3 VOA		X	✓												
BN-9-21-QD1	9/12/02 / 1030	water	4 VOA 250		X	✓	✓											
BN-9-21-QT1	9/10/02 /	water	3 VOA		X	✓												
Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other						HCL	HNO3											
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other						G	P											

Send Results To: Charlie Springer
EA Engineering
Southboro Tech Park
785 Turnpike Rd Southboro MA 01772

FAX No.:

Seal Intact? Yes No N/A

P.O. No:

GW-1* ____ GW-2 ____ GW-3 ____

MCP Level Needed: ____

Results Needed By:

*= May require additional cost

Relinquished By	Date/ Time	Received By
[illegible]	1600/9-12-02	C Crawley 9-13-02 0925

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.**

Samples arriving after 12:00 noon will be tracked and billed as received on the following day.

AUTHORIZATION No. ____ BY: ____

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 1 OF 1

5

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, NH 03054

CHAIN-OF-CUSTODY RECORD

42468

Office: (603) 424-2022
Fax: (603) 429-8496

Project No.: 296C047
Project Name: EA - BNAS
Project State:
Project Manager: Charlie Springer
Samplers (Signature): [illegible]
AMRO Project No.: 0209086

Sample ID	Date/Time Sampled	Matrix (A= Air, S= Soil, GW= Ground W., WW= Waste W., DW= Drinking W., O= Oil, Other= Specify)	Total # of Cont. & Size	Comp	Grab	VOC 8260	THL metals											Remarks
BN-9-21-SW010	9/10/02 /	Surface water	3 VOA		X	✓												
BN-9-21-LT901	9/12/02 /	Seepwater	9 VOA		X	✓		MS/MSD										MS/MSD
BN-9-21-LTXD1	9/12/02 / —	Seepwater	3 VOA		X	✓												
BN-9-21-QS2	9/12/02 / 1020	water	3 VOA		X	✓												
BN-9-21-QD1	9/12/02 / 1030	water	4 VOA 350		X	✓	✓											
BN-9-21-QT1	9/12/02 /	water	2 VOA		X	✓												

Preservative: Cl-HCl, MeOH, N-HN03, S-H2SO4, Na-NaOH, O- Other — HCL, HNO_3
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other — G, P

Send Results To: Charlie Springer
EA Engineering
Southboro Tech Park
333 Turk Rd Southboro MA01772

FAX No.:

Seal Intact? Yes No N/A

P.O. No:

Results Needed By:

GW-1* ___ GW-2 ___ GW-3 ___

MCP Level Needed:

*= May require additional cost

Relinquished By	Date/ Time	Received By
[illegible]	16(00/9-12-02	

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited TAT, you must have requested in advance and received a coded **AUTHORIZATION NUMBER.**
Samples arriving after 12:00 noon will be tracked and billed as received on the following day.
AUTHORIZATION No. ___ BY: ___

Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.

NOTES: Preservatives, Special reporting limits, Known Contamination, etc;

AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.

White: Lab Copy Yellow: Accompanies Report Pink: Client Copy

SHEET 1 OF 1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-5
Client ID: BN-21-EP-DS105AD
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	16	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		122%				
17060-07-0	1,2-Dichloroethane-D4		126%				
2037-26-5	Toluene-D8		116%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-5
Client ID: BN-21-EP-DS105AD
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		104%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-9
Client ID: BN-21-EP-DS209D
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		5	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	13	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		8	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		65	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene		2	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		44	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		7	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		8	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		126%				
17060-07-0	1,2-Dichloroethane-D4		130%				
2037-26-5	Toluene-D8		113%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-9
Client ID: BN-21-EP-DS209D
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-18
Client ID: BN-21-EP-DS224M
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-18
Client ID: BN-21-EP-DS224M
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-1
Client ID: BN-21-EP-DS225AS
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		12	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		12	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene		6	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		9	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		2	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-1
Client ID: BN-21-EP-DS225AS
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-2
Client ID: BN-21-EP-DS225AM
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		21	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		21	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		16	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		5	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-2
Client ID: BN-21-EP-DS225AM
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-3
Client ID: BN-21-EP-DS225AD
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		11	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		11	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		9	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		2	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-3
Client ID: BN-21-EP-DS225AD
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-4
Client ID: BN-21-EP-DSDXD6
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	J	0.9	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		21	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		21	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		18	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		6	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-4
Client ID: BN-21-EP-DSDXD6
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		103%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-19
Client ID: BN-21-EP-DS229AM
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		4	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		17	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		14	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		3	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		4	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-19
Client ID: BN-21-EP-DS229AM
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-8
Client ID: BN-21-EP-DS230AS
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	J	0.3	1.0	2	2	0.3
67-64-1	Acetone	B	27	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	J	0.7	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	J	0.1	1.0	1	1	0.1
	m+p-Xylenes	J	0.2	1.0	2	2	0.2
95-47-6	o-Xylene	J	0.9	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	J	0.3	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	J	1	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		127%				
17060-07-0	1,2-Dichloroethane-D4		132%				
2037-26-5	Toluene-D8		117%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-8
Client ID: BN-21-EP-DS230AS
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-7
Client ID: BN-21-EP-DS230AM
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	B	3	1.0	2	2	0.3
67-64-1	Acetone	B	27	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	J	3	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		116%				
17060-07-0	1,2-Dichloroethane-D4		121%				
2037-26-5	Toluene-D8		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-7
Client ID: BN-21-EP-DS230AM
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-6
Client ID: BN-21-EP-DS230AD
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	JB	1	1.0	2	2	0.3
67-64-1	Acetone	B	22	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		4	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		111%				
17060-07-0	1,2-Dichloroethane-D4		110%				
2037-26-5	Toluene-D8		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-6
Client ID: BN-21-EP-DS230AD
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-15
Client ID: BN-21-EP-DS231AS
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	26	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		124%				
17060-07-0	1,2-Dichloroethane-D4		134%				
2037-26-5	Toluene-D8		120%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-15
Client ID: BN-21-EP-DS231AS
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-16
Client ID: BN-21-EP-DS231AM
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	25	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	J	2	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		118%				
17060-07-0	1,2-Dichloroethane-D4		128%				
2037-26-5	Toluene-D8		111%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-16
Client ID: BN-21-EP-DS231AM
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-17
Client ID: BN-21-EP-DS231AD
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-17
Client ID: BN-21-EP-DS231AD
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-7
Client ID: BN-21-EP-DS231BS
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		84%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-7
Client ID: BN-21-EP-DS231BS
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-6
Client ID: BN-21-EP-DS231BM
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-6
Client ID: BN-21-EP-DS231BM
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-8
Client ID: BN-21-EP-DS231BD
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-8
Client ID: BN-21-EP-DS231BD
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-6
Client ID: BN-21-EP-DS303S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		6	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	J	0.2	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-6
Client ID: BN-21-EP-DS303S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-7
Client ID: BN-21-EP-DS303M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		9	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-7
Client ID: BN-21-EP-DS303M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-8
Client ID: BN-21-EP-DS303D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	J	4	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-8
Client ID: BN-21-EP-DS303D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-9
Client ID: BN-21-EP-DS305S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		47	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone		7	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		92%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-9
Client ID: BN-21-EP-DS305S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-10
Client ID: BN-21-EP-DS305M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-10
Client ID: BN-21-EP-DS305M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-11
Client ID: BN-21-EP-DS305D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		32	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		84%				
2037-26-5	Toluene-D8		84%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-11
Client ID: BN-21-EP-DS305D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-1
Client ID: BN-21-EP-DS306S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		4	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		7	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		27	1.0	1	1	0.5
67-66-3	Chloroform		9	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		64	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		35	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane		1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	J	0.4	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)		27	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-1
Client ID: BN-21-EP-DS306S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-18
Client ID: BN-21-EP-DS308S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		44	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		92%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-18
Client ID: BN-21-EP-DS308S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-19
Client ID: BN-21-EP-DS308M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		47	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-19
Client ID: BN-21-EP-DS308M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-24
Client ID: BN-21-EP-DSXD1
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		34	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-24
Client ID: BN-21-EP-DSXD1
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-20
Client ID: BN-21-EP-DS308D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		48	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-20
Client ID: BN-21-EP-DS308D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		95%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-15
Client ID: BN-21-EP-DS309BS
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		36	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		87%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-15
Client ID: BN-21-EP-DS309BS
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-16
Client ID: BN-21-EP-DS309BM
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		36	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-16
Client ID: BN-21-EP-DS309BM
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-17
Client ID: BN-21-EP-DS309BD
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		38	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		86%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-17
Client ID: BN-21-EP-DS309BD
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-10
Client ID: BN-21-EP-DS311D
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		6	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		2	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		3	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		32	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		14	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		27	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-10
Client ID: BN-21-EP-DS311D
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-9
Client ID: BN-21-EP-DSXD2
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		8	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene		2	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		3	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane		33	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		16	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		27	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-9
Client ID: BN-21-EP-DSXD2
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-18
Client ID: BN-21-EP-DS313S
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		3	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	J	0.3	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-18
Client ID: BN-21-EP-DS313S
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-19
Client ID: BN-21-EP-DS313M
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	J	0.4	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		4	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	22	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		8	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		126%				
17060-07-0	1,2-Dichloroethane-D4		135%				
2037-26-5	Toluene-D8		115%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-19
Client ID: BN-21-EP-DS313M
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		102%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-20
Client ID: BN-21-EP-DS313D
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		6	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane		7	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/28/02
Analysis Date: 10/28/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-20
Client ID: BN-21-EP-DS313D
SDG: WS4003
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG988
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-17
Client ID: BN-21-EP-DS318S
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		91%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-17
Client ID: BN-21-EP-DS318S
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-16
Client ID: BN-21-EP-DS318M
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		86%				
17060-07-0	1,2-Dichloroethane-D4		90%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-16
Client ID: BN-21-EP-DS318M
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-14
Client ID: BN-21-EP-DS318D
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	37	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	J	3	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		124%				
17060-07-0	1,2-Dichloroethane-D4		131%				
2037-26-5	Toluene-D8		118%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/26/02
Analysis Date: 10/26/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-14
Client ID: BN-21-EP-DS318D
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1125
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		106%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-11
Client ID: BN-21-EP-DS319D
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		10	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		40	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-11
Client ID: BN-21-EP-DS319D
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-21
Client ID: BN-21-EP-DS330S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		93%				
17060-07-0	1,2-Dichloroethane-D4		95%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-21
Client ID: BN-21-EP-DS330S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-22
Client ID: BN-21-EP-DS330M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-22
Client ID: BN-21-EP-DS330M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-23
Client ID: BN-21-EP-DS330D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-23
Client ID: BN-21-EP-DS330D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		97%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-1
Client ID: BN-21-EP-DS331M
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride		3	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		49	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	E	350	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)		350	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		48	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	E	990	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	E	370	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene		12	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-1
Client ID: BN-21-EP-DS331M
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-1
Client ID: BN-21-EP-DS331M-DL
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	20	10	2	20	3
75-01-4	Vinyl chloride	U	20	10	2	20	1
74-83-9	Bromomethane	U	20	10	2	20	9
75-00-3	Chloroethane	U	20	10	2	20	3
75-35-4	1,1-Dichloroethene		46	10	1	10	3
75-15-0	Carbon Disulfide	U	10	10	1	10	2
75-09-2	Methylene Chloride	U	20	10	2	20	3
67-64-1	Acetone	U	50	10	5	50	28
156-60-5	trans-1,2-Dichloroethene	U	10	10	1	10	7
75-34-3	1,1-Dichloroethane		44	10	1	10	1
156-59-2	cis-1,2-Dichloroethene		340	10	1	10	5
67-66-3	Chloroform	U	10	10	1	10	2
56-23-5	Carbon Tetrachloride	U	10	10	1	10	3
71-55-6	1,1,1-Trichloroethane		980	10	1	10	7
78-93-3	2-Butanone	U	50	10	5	50	19
71-43-2	Benzene	U	10	10	1	10	1
107-06-2	1,2-Dichloroethane	U	10	10	1	10	3
79-01-6	Trichloroethene		360	10	1	10	6
78-87-5	1,2-Dichloropropane	U	10	10	1	10	2
75-27-4	Bromodichloromethane	U	10	10	1	10	2
10061-01-5	cis-1,3-dichloropropene	U	10	10	1	10	4
108-88-3	Toluene	U	10	10	1	10	2
108-10-1	4-methyl-2-pentanone	U	50	10	5	50	18
127-18-4	Tetrachloroethene	U	10	10	1	10	4
10061-02-6	trans-1,3-Dichloropropene	U	10	10	1	10	4
79-00-5	1,1,2-Trichloroethane	U	10	10	1	10	3
124-48-1	Dibromochloromethane	U	10	10	1	10	3
591-78-6	2-Hexanone	U	50	10	5	50	16
108-90-7	Chlorobenzene	U	10	10	1	10	2
100-41-4	Ethylbenzene	U	10	10	1	10	1
	m+p-Xylenes	U	20	10	2	20	2
95-47-6	o-Xylene	U	10	10	1	10	2
100-42-5	Styrene	U	10	10	1	10	3
75-25-2	Bromoform	U	10	10	1	10	4
79-34-5	1,1,2,2-Tetrachloroethane	U	10	10	1	10	4
541-73-1	1,3-Dichlorobenzene	U	10	10	1	10	2
106-46-7	1,4-Dichlorobenzene	U	10	10	1	10	2
95-50-1	1,2-Dichlorobenzene	U	10	10	1	10	2
540-59-0	1,2-Dichloroethylene (total)		340	10	2	20	12
1330-20-7	Xylenes (total)	U	30	10	3	30	3
1868-53-7	Dibromofluoromethane		95%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-1
Client ID: BN-21-EP-DS331M-DL
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG986
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-20
Client ID: BN-21-EP-DS332M
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	J	0.8	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		2	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/15/02
Received Date: 10/16/02
Extraction Date: 10/23/02
Analysis Date: 10/23/02
Report Date: 11/19/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4001-20
Client ID: BN-21-EP-DS332M
SDG: WS4001
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1122
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-3
Client ID: BN-21-EP-DS333S
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		4	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		4	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		90%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-3
Client ID: BN-21-EP-DS333S
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		100%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-2
Client ID: BN-21-EP-DSXD4
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		4	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		4	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-2
Client ID: BN-21-EP-DSXD4
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		98%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-4
Client ID: BN-21-EP-DS333M
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		4	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		4	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		87%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-4
Client ID: BN-21-EP-DS333M
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		96%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-5
Client ID: BN-21-EP-DS333D
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene		4	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane		4	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		88%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/18/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-5
Client ID: BN-21-EP-DS333D
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		99%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-13
Client ID: BN-21-EP-DS334S
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	B	34	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	J	3	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		127%				
17060-07-0	1,2-Dichloroethane-D4		134%				
2037-26-5	Toluene-D8		116%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-13
Client ID: BN-21-EP-DS334S
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1123
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-12
Client ID: BN-21-EP-DS334M
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	B	3	1.0	2	2	0.3
67-64-1	Acetone	B	17	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.6	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		128%				
17060-07-0	1,2-Dichloroethane-D4		134%				
2037-26-5	Toluene-D8		118%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-12
Client ID: BN-21-EP-DS334M
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		108%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-11
Client ID: BN-21-EP-DS334D
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	B	4	1.0	2	2	0.3
67-64-1	Acetone	B	22	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.6	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		124%				
17060-07-0	1,2-Dichloroethane-D4		127%				
2037-26-5	Toluene-D8		112%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-11
Client ID: BN-21-EP-DS334D
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		105%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-10
Client ID: BN-21-EP-DSXD5
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	B	4	1.0	2	2	0.3
67-64-1	Acetone	B	23	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	J	0.6	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		117%				
17060-07-0	1,2-Dichloroethane-D4		127%				
2037-26-5	Toluene-D8		109%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/25/02
Analysis Date: 10/25/02
Report Date: 11/17/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4003-10
Client ID: BN-21-EP-DSXD5
SDG: WS4003
Extracted by: JSS
Extraction Method: SW846 5030
Analyst: JSS
Analysis Method: SW846 8260B
Lab Prep Batch: WG1124
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		101%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-2
Client ID: BN-21-EP-DS1104S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	J	0.2	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		85%				
2037-26-5	Toluene-D8		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-2
Client ID: BN-21-EP-DS1104S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-3
Client ID: BN-21-EP-DS1104M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		12	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-3
Client ID: BN-21-EP-DS1104M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-4
Client ID: BN-21-EP-DS1104D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		26	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		89%				
2037-26-5	Toluene-D8		82%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/08/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-4
Client ID: BN-21-EP-DS1104D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-5
Client ID: BN-21-EP-DS212S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		31	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene		1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene		10	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	J	1	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		85%				
17060-07-0	1,2-Dichloroethane-D4		84%				
2037-26-5	Toluene-D8		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/09/02
Received Date: 10/11/02
Extraction Date: 10/14/02
Analysis Date: 10/14/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-5
Client ID: BN-21-EP-DS212S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG972
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		91%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-12
Client ID: BN-21-EP-DS132S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		37	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		88%				
2037-26-5	Toluene-D8		86%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-12
Client ID: BN-21-EP-DS132S
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		93%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-13
Client ID: BN-21-EP-DS132M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		45	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		85%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-13
Client ID: BN-21-EP-DS132M
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-14
Client ID: BN-21-EP-DS132D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone		33	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		84%				
2037-26-5	Toluene-D8		87%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/15/02
Analysis Date: 10/15/02
Report Date: 11/14/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3955-14
Client ID: BN-21-EP-DS132D
SDG: WS3955
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1070
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		94%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	B	2	1.0	1	1	0.2
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	1
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.3
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		92%				
2037-26-5	Toluene-D8		83%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/10/02
Received Date: 10/11/02
Extraction Date: 10/16/02
Analysis Date: 10/16/02
Report Date: 11/12/2002
Matrix: WATER
% Solids: NA

Lab ID: WS3957-9
Client ID: BN-21-EP-QT1
SDG: WS3957
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1073
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		92%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-13
Client ID: BN-21-EP-QT5
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.3
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.1
74-83-9	Bromomethane	U	2	1.0	2	2	0.9
75-00-3	Chloroethane	U	2	1.0	2	2	0.3
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.3
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.2
75-09-2	Methylene Chloride	U	2	1.0	2	2	0.3
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.7
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
540-59-0	1,2-Dichloroethylene (total)	U	2	1.0	2	2	0.7
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.1
67-66-3	Chloroform	U	1	1.0	1	1	0.2
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.7
78-93-3	2-Butanone	U	5	1.0	5	5	2
71-43-2	Benzene	U	1	1.0	1	1	0.1
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.3
79-01-6	Trichloroethene	U	1	1.0	1	1	0.6
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.2
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.2
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.2
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.4
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.3
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.2
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.1
	m+p-Xylenes	U	2	1.0	2	2	0.2
95-47-6	o-Xylene	U	1	1.0	1	1	0.2
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.2
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.4
541-73-1	1,3-Dichlorobenzene	U	1	1.0	1	1	0.2
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.2
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.2
1868-53-7	Dibromofluoromethane		94%				
17060-07-0	1,2-Dichloroethane-D4		109%				
2037-26-5	Toluene-D8		89%				

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: EA Engineering
Project: NASB LTMP
PO No: 29600.47
Sample Date: 10/16/02
Received Date: 10/16/02
Extraction Date: 10/24/02
Analysis Date: 10/24/02
Report Date: 11/16/2002
Matrix: WATER
% Solids: NA

Lab ID: WS4002-13
Client ID: BN-21-EP-QT5
SDG: WS4002
Extracted by: BEG
Extraction Method: SW846 5030
Analyst: BEG
Analysis Method: SW846 8260B
Lab Prep Batch: WG1100
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
460-00-4	P-Bromofluorobenzene		104%				

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QT1
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/11/02
Lab ID:	0209085-15A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Chloromethane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Vinyl chloride	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Chloroethane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Bromomethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Acetone	ND	10		µg/L	1	9/19/02 9:06:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
Carbon disulfide	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Methylene chloride	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
2-Butanone	ND	10		µg/L	1	9/19/02 9:06:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Chloroform	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromochloromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Benzene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
Trichloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Dibromomethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/19/02 9:06:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
Toluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 9:06:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
2-Hexanone	ND	10		µg/L	1	9/19/02 9:06:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Chlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QT1
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/11/02
Lab ID:	0209085-15A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Ethylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
m,p-Xylene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
o-Xylene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Styrene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromoform	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Bromobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Naphthalene	ND	5.0		µg/L	1	9/19/02 9:06:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 9:06:00 AM
Surr: Dibromofluoromethane	104	85-120		%REC	1	9/19/02 9:06:00 AM
Surr: 1,2-Dichloroethane-d4	103	80-124		%REC	1	9/19/02 9:06:00 AM
Surr: Toluene-d8	103	88-109		%REC	1	9/19/02 9:06:00 AM
Surr: 4-Bromofluorobenzene	102	77-117		%REC	1	9/19/02 9:06:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 3
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-12A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Chloromethane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Vinyl chloride	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Chloroethane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Bromomethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Acetone	9.0	10	J	µg/L	1	9/19/02 5:07:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
Carbon disulfide	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Methylene chloride	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
2-Butanone	7.0	10	J	µg/L	1	9/19/02 5:07:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Chloroform	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromochloromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Benzene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
Trichloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Dibromomethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/19/02 5:07:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
Toluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:07:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
2-Hexanone	ND	10		µg/L	1	9/19/02 5:07:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Chlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 3
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-12A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Ethylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
m,p-Xylene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
o-Xylene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Styrene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromoform	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Bromobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Naphthalene	ND	5.0		µg/L	1	9/19/02 5:07:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:07:00 PM
Surr: Dibromofluoromethane	103	85-120		%REC	1	9/19/02 5:07:00 PM
Surr: 1,2-Dichloroethane-d4	104	80-124		%REC	1	9/19/02 5:07:00 PM
Surr: Toluene-d8	107	88-109		%REC	1	9/19/02 5:07:00 PM
Surr: 4-Bromofluorobenzene	102	77-117		%REC	1	9/19/02 5:07:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QS 4
Lab Order:	0209085		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209085-13A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Chloromethane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Vinyl chloride	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Chloroethane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Bromomethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Acetone	7.3	10	J	µg/L	1	9/19/02 5:42:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
Carbon disulfide	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Methylene chloride	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
2-Butanone	7.1	10	J	µg/L	1	9/19/02 5:42:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Chloroform	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromochloromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Benzene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
Trichloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Dibromomethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/19/02 5:42:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
Toluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/19/02 5:42:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
2-Hexanone	ND	10		µg/L	1	9/19/02 5:42:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Chlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-9-21-QS 4
Lab Order: 0209085
Project: 2960047 EA - BNAS
Collection Date: 9/12/02
Lab ID: 0209085-13A
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Ethylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
m,p-Xylene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
o-Xylene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Styrene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromoform	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Bromobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Naphthalene	ND	5.0		µg/L	1	9/19/02 5:42:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/19/02 5:42:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	9/19/02 5:42:00 PM
Surr: 1,2-Dichloroethane-d4	100	80-124		%REC	1	9/19/02 5:42:00 PM
Surr: Toluene-d8	106	88-109		%REC	1	9/19/02 5:42:00 PM
Surr: 4-Bromofluorobenzene	99.3	77-117		%REC	1	9/19/02 5:42:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QD 1
Lab Order:	0209086		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209086-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **KT**
Dichlorodifluoromethane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Chloromethane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Vinyl chloride	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Chloroethane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Bromomethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Acetone	2.9	10	J	µg/L	1	9/23/02 4:05:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
Carbon disulfide	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Methylene chloride	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
2-Butanone	ND	10		µg/L	1	9/23/02 4:05:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Chloroform	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromochloromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Benzene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
Trichloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Dibromomethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/23/02 4:05:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
Toluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/23/02 4:05:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
2-Hexanone	ND	10		µg/L	1	9/23/02 4:05:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Chlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
H - Method prescribed holding time exceeded
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-9-21-QD 1
Lab Order:	0209086		
Project:	2960047 EA - BNAS	**Collection Date:**	9/12/02
Lab ID:	0209086-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Ethylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
m,p-Xylene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
o-Xylene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Styrene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromoform	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Bromobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Naphthalene	ND	5.0		µg/L	1	9/23/02 4:05:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	9/23/02 4:05:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	9/23/02 4:05:00 PM
Surr: 1,2-Dichloroethane-d4	107	80-124		%REC	1	9/23/02 4:05:00 PM
Surr: Toluene-d8	100	88-109		%REC	1	9/23/02 4:05:00 PM
Surr: 4-Bromofluorobenzene	104	77-117		%REC	1	9/23/02 4:05:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

H - Method prescribed holding time exceeded

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

- See Case Narrative

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *25-Sep-02*

CLIENT: EA Engineering, Science and Technology
Project: 2960047 EA - BNAS
Lab Order: 0209086

Lab ID: 0209086-05
Collection Date: 9/12/02
Client Sample ID: BN-9-21-QD 1
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJK**
Aluminum	ND	200		µg/L	1	9/17/02 6:44:05 PM
Antimony	5.2	20	J	µg/L	1	9/17/02 6:44:05 PM
Barium	ND	200		µg/L	1	9/17/02 6:44:05 PM
Beryllium	ND	5.0		µg/L	1	9/17/02 6:44:05 PM
Cadmium	ND	5.0		µg/L	1	9/17/02 6:44:05 PM
Calcium	ND	2,500		µg/L	1	9/17/02 6:44:05 PM
Chromium	ND	10		µg/L	1	9/17/02 6:44:05 PM
Cobalt	ND	50		µg/L	1	9/17/02 6:44:05 PM
Copper	ND	25		µg/L	1	9/17/02 6:44:05 PM
Iron	ND	100		µg/L	1	9/17/02 6:44:05 PM
Magnesium	ND	2,500		µg/L	1	9/17/02 6:44:05 PM
Manganese	ND	15		µg/L	1	9/17/02 6:44:05 PM
Nickel	ND	40		µg/L	1	9/17/02 6:44:05 PM
Potassium	ND	2,500		µg/L	1	9/17/02 6:44:05 PM
Silver	ND	7.0		µg/L	1	9/17/02 6:44:05 PM
Sodium	550	2,500	J	µg/L	1	9/17/02 6:44:05 PM
Vanadium	ND	50		µg/L	1	9/17/02 6:44:05 PM
Zinc	ND	20		µg/L	1	9/23/02 7:53:32 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	9/18/02
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	9/18/02
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	9/18/02
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	9/18/02
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	9/18/02

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range