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Monitoring Event 20 Report – April 2002 for Site 9: Neptune Drive Disposal Site 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
10 Industrial Highway
Mail Stop No. 82
Lester, Pennsylvania 19113-2090

Prepared by

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January 2003
FINAL
296.0047

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5 February 2003

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RE: Final Monitoring Event 20 Report – April 2002 for Site 9
Naval Air Station, Brunswick, Maine
Contract No. N62472-92-D-1296; Contract Task Order No. 0047
EA Project No. 29600.47

Dear Ms. Williams/Ms. Sait:

On behalf of the Department of the Navy, EA Engineering, Science, and Technology is pleased to submit the final report for monitoring and sampling conducted during Monitoring Event 20 at Site 9. This is the first report issued for this site using the new format for the bi-annual monitoring event reports which combines the monitoring report and annual report content. These reports will be issued on a semi-annual basis.

If additional information is required, please contact me at (508) 485-2982, Extension 209, or Mr. Lonnie J. Monaco (610) 595-0567, Extension 164.

Sincerely,

Alexander Easterday

Alexander C. Easterday, P.G.
Project Manager

ACE/caw
Enclosure

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Prepared for

Department of the Navy
Engineering Field Activity Northeast
Naval Facilities Engineering Command
10 Industrial Highway
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Lester, Pennsylvania 19113-2090

Alexander C. Easterday, P.G.
CTO Manager

23 January 2003
Date

Kenneth W. Kilmer
Program Manager

23 January 2003
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January 2003
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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 20 Report – April 2002 for Site 9: Neptune Drive Disposal Site, 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

23 January 2003

Kevin Scully, LSP (Date)
Senior Hydrogeologist

QUALITY REVIEW STATEMENT

Contract No. N62472-92-D-1296 EA Project No.: 29600.47
Contract Task Order No. 47
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Final Monitoring Event 20 Report – April 2002 for Site 9: Neptune Drive Disposal Site, 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, this document and figures 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.

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

Certified Geologist Reviewer

Gina M. Calderone

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

22 January 2003
(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 Field Activity Northeast, Naval Facilities Engineering Command contracted with EA Engineering, Science, and Technology to perform long-term monitoring at the Neptune Drive Disposal Site (Site 9), Naval Air Station (NAS), Brunswick, Maine. NAS Brunswick is located south of the Androscoggin River between Brunswick and Cooks Corner, Maine (Figure 1). The layout of Site 9 is provided on Figure 2.

At Site 9, the Navy is providing monitoring and maintenance as part of the long-term remedial actions required by the Final Record of Decision for Site 9 (EA 1999a). Monitoring Event 20 was sampled in accordance with the Final Long-Term Monitoring Plan (EA 1999b). Currently, the Long-Term Monitoring Plan ground-water data are collected and reported on a semi-annual basis.

This report provides results for Monitoring Event 20, which occurred in April 2002. By agreement between the Navy and state and federal regulators, this monitoring event report includes previous annual report formatting (annual reports will no longer be prepared). Each subsequent monitoring event report will also present and discuss trend data, and will provide recommendations and conclusions. Section 1 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. Recommendations are provided in Section 3. Appendix A contains completed response to comments from the Maine Department of Environmental Protection and U.S. Environmental Protection Agency. Appendix B contains the laboratory analytical data summary (Tables B-1 through B-8). Appendix C provides temporal trend graphs. Appendix D provides an analytical data quality review. Appendix E provides field monitoring and sampling forms. Appendix F provides the engineering inspection report for Site 9. Appendix G provides analytical report Form I data tables.

1.2 MEASUREMENT OF WATER LEVEL ELEVATIONS

1.2.1 Gauging Activities

Water level measurements for Monitoring Event 20 were collected on 2 April 2002 at the 17 monitoring wells and 2 stream gauge stations (1 stream gauge location was damaged) as indicated in Table 1. The locations of site monitoring wells and gauging stations are provided on Figure 2. To collect data related to upgradient ground-water flow patterns, depth to ground water was measured (gauged) in 3 monitoring wells at the Navy Exchange Service Station on 2 April 2002. The gauging procedures are detailed in the final report for Monitoring Event 4 (EA 1996).

1.2.2 Results

Water levels recorded for the April 2002 event were generally lower than water levels recorded in the October-November 2001 event. Water level gauging data recorded on 2 April 2002 are provided in Table 2. Water level gauging data recorded at the Navy Exchange Service Station on 2 April 2002 are provided in Table 3. Five monitoring wells at the Navy Exchange Service Station were not gauged during the April 2002 event due to field error; these wells are normally gauged to collect data on upgradient flow patterns. All Site 9 monitoring wells were gauged. Field Record of Well Gauging forms completed during the well gauging events are provided in Appendix E. Figure 3 provides the ground-water potentiometric surface elevations and flow directions for Site 9 based on the April 2002 gauging data.

1.3 GROUND-WATER MONITORING, SAMPLING, AND ANALYSIS

1.3.1 Sampling Activities

The ground-water sampling program was completed from 4 to 8 April 2002 in accordance with the general methodologies established in the final Long-Term Monitoring Plan (EA 1999b), with the exception of the aqueous diffusion samples that were collected as described in previous phases of the Brunswick pilot study. Previously installed dedicated Grundfos Redi-Flo2 stainless steel and Teflon® submersible pumping systems were utilized for sample collection at Site 9.

A pilot study was conducted at the 10 monitoring wells sampled and analyzed for Target Compound List volatile organic compounds (VOCs) to assess whether aqueous diffusion samplers can be used effectively as an alternative to the low-flow sampling method at Site 9. On 18 March 2002, samplers were placed in 10 monitoring wells at varying depths across the length of the well screen. Eight of 10 wells had a separate sampler placed at the shallow, mid-depth, and deep interval of its well screen. Two samplers were installed within monitoring wells MW-NASB-072 and MW-NASB-021, each with 5-ft screen lengths. The diffusion samplers were retrieved on 4-8 April 2002, after being allowed to equilibrate in each well for 17-21 days. As part of the pilot study, low-flow ground-water sampling was conducted in each of the 10 monitoring wells immediately following retrieval of the aqueous diffusion samplers. The data collected as part of this pilot study will be used to make recommendations for the most appropriate interval for diffusion samplers at each monitoring well.

Ground-water samples were collected from 12 of 17 wells at Site 9 during Monitoring Event 20 using the low-flow sampling technique and/or diffusion sampling method. Table 1 provides a summary of the wells that were sampled during Monitoring Event 20. Note that samples were not scheduled to be collected from monitoring wells MW-NASB-073, MW-NASB-077, MW-NASB-078, MW-NASB-081, and MW-NASB–204 as per the current Long-Term Monitoring Plan for Site 9.

Water quality indicator parameters, including pH, conductivity, temperature, dissolved oxygen, turbidity, and oxidation-reduction potential (Eh), were measured 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 [Table 1]). Water quality indicator data are presented in Table 4. Based on a comparison of the water quality data collected following the diffusion sampling to the water quality data collected during the low-flow sampling, it generally appears that there were slightly higher pH and slightly lower temperature results with diffusion sampler data as opposed to the low-flow data. Dissolved oxygen was generally higher except for one well that was 6.0 mg/L higher. Conductivity results were similar between the diffusion sampler data and the low-flow data. Field Record of Well Gauging, Purging, and Sampling forms are provided in Appendix E.

Water quality indicator parameters, including pH, conductivity, temperature, dissolved oxygen, and turbidity, were measured during well purging using a flow-through cell. Eh was recorded to assist in the evaluation of the aerobic/anaerobic conditions of the aquifer. Stabilization of water quality indicator parameters was considered achieved when measurements agreed to within approximately 10 percent on 3 successive readings, and turbidity was below 10 nephelometric turbidity units (goal). Wells were purged at the lowest flow rate obtainable with the submersible pump (0.1 L/minute) with the exception to monitoring well MW-NASB-071 (pump rate was high – control box was on the lowest setting). Water quality stabilization criteria were achieved in all Site 9 monitoring wells prior to sampling. Reduced dissolved oxygen concentrations (<2.0 mg/L) were noted in samples from all of the monitoring wells except wells MW-NASB-072 and MW-NASB-022 (the lowest concentration of 0.18 mg/L was detected at MW-NASB-071). Water quality parameters are summarized in Table 4 for the ground-water samples. Field Record of Well Gauging, Purging, and Sampling forms are provided in Appendix E.

Ground-water samples collected during this monitoring event were analyzed by AMRO Environmental Laboratories Corporation, a State of Maine Department of Human Services Certified laboratory located in Merrimack, New Hampshire (Certification No. NH012).

Ground-water samples were analyzed for the following:

- Target Compound List VOCs by U.S. Environmental Protection Agency (EPA) Method 8260B.

Ground-water samples collected from monitoring wells MW-NASB-069, MW-NASB-070, and MW-NASB-079 were also analyzed for the following:

- Semivolatile organic compounds by EPA Method 8270C

- Target Analyte List elements, including metals by inductively coupled plasma by EPA Method 6010, graphite furnace by EPA Method 7000 Series, and mercury by cold vapor atomic absorption by EPA Method 7470.

1.3.2 Analytical Data

Tables B-1, B-2, and B-3 summarize the analytical data for the ground-water samples. Appendix G contains the laboratory Form I summary tables for the analyses performed. Section 2.2 discusses ground-water sample results and temporal trends.

1.4 SURFACE WATER AND LEACHATE STATION SEEP SAMPLING AND ANALYSIS

1.4.1 Sampling Activities

The surface water and leachate station seep sampling program prescribed for this sampling event was completed on 8 April 2002 in accordance with the final Long-Term Monitoring Plan (EA 1999b). Water quality indicator parameters for the surface water sample and leachate seep samples are summarized in Table 5.

Notable observations of water quality indicator parameter measurements for surface water and the leachate seep sample are described below for informational purposes. Sample data quality is not expected to be adversely impacted due to variations in sample parameters noted below:

- The pH reading was slightly higher for the surface water sample collected for Monitoring Event 20 as opposed to those collected during Monitoring Event 19. Due to insufficient water at the seep sample location during Monitoring Event 19, water quality parameters were not collected for the seep sample.

- The dissolved oxygen concentrations were slightly lower for the surface water sample collected for Monitoring Event 20 as opposed to those collected during Monitoring Event 19. Due to insufficient water at the seep sample location during Monitoring Event 19, water quality parameters were not collected for the seep sample.

- Temperature was lower for the surface water sample collected for Monitoring Event 20 as opposed to the sample collected for Monitoring Event 19. Due to insufficient water at the seep sample location during Monitoring Event 19, water quality parameters were not collected for the seep sample.

- Conductivity was higher for the surface water sample collected for Monitoring Event 20 as opposed to the sample collected for Monitoring Event 19. Due to insufficient water at the seep sample location during Monitoring Event 19, water quality parameters were not collected for the seep sample.

- Eh concentrations and turbidity readings were not collected during Monitoring Event 20 for the surface water sample. Due to insufficient water at the seep sample location during Monitoring Event 19, water quality parameters were not collected for the seep sample.

Surface water and leachate station seep samples were analyzed for Target Compound List VOCs by EPA Method 8260B.

Table 1 provides a summary of the surface water and leachate station seep sampling program completed during Monitoring Event 20.

1.4.2 Analytical Data

Surface water sample results are summarized in Table B-4. Leachate seep sample results are summarized in Table B-5. Appendix G contains the Form I summary table for the analysis performed. The sample locations are shown on Figure 2.

1.5 STREAM SEDIMENT SAMPLING AND ANALYSIS

1.5.1 Sampling Activities

The stream sediment sampling program was completed on 8 April 2002 in accordance with the Long-Term Monitoring Plan (EA 1999b). However, due to a laboratory error, the sediment sample had to be re-collected on 30 April 2002.

The stream sediment sample (SED-010) was analyzed for Target Compound List VOCs by EPA Method 8260B.

The stream sediment samples were collected with a modified version of the EnCore® sampler, preserved with sodium bisulfate and methanol, then extracted for VOCs using EPA Method 5035/5030. This change of collection, preservation, and extraction was agreed upon at the 2 August 2000 Technical Meeting (EA 2000) for use in future sampling events. Revisions to the Long-Term Monitoring Plan were completed in July 2001 (EA 2001a) and reflect the changes to the collection, preservation, and extraction procedures. Previously, the sediment samples were not extracted and field preservation was not conducted other than the use of ice. The sample was collected using standard collection methods for VOCs.

Table 1 provides a summary of the stream sediment sampling program completed during Monitoring Event 20.

1.5.2 Analytical Data

Table B-6 summarizes analytical results for the stream sediment sample. Appendix G contains the Form I summary table for the analysis performed. The sample location is shown on Figure 2.

1.6 VISUAL INSPECTION

Inspection activities at Site 9 were completed on 2 April 2002 in accordance with the Final Long-Term Monitoring Plan (1999b). There was no evidence of stressed vegetation or physical evidence of tampering with the site wells at the time of the inspection. The site monitoring wells were observed to be capped, labeled, locked, and in good condition, except for monitoring well MW-NASB-069, which had a broken hasp that should be replaced. Staff gauge SG-1B is damaged and should be replaced prior to the September 2002 sampling event.

1.7 QUALITY ASSURANCE/QUALITY CONTROL

A rigorous quality assurance/quality control program is required to meet the data quality objectives of the sampling program (ABB-ES 1994). The data obtained during Monitoring Event 20 were determined to be of sufficient quality to be used to evaluate the long-term effectiveness of the remedial action (i.e., monitored natural attenuation). Table B-7 provides a summary of quality control samples collected from Site 9 between 4 and 8 April 2002.

1.8 ANALYTICAL DATA QUALITY REVIEW

A review of laboratory data was performed on selected quality control parameters to evaluate precision, accuracy, completeness, comparability, and data quality objective requirements. A complete summary of the analytical data quality review is provided in Appendix D. Method detection limits for solid and aqueous media are included in Appendix D.1. The data represented in this report were found to meet the specified acceptance criteria, with the exception of the following:

- The positive result for trichloroethene and the non-detect results for benzene, 1,1-dichloroethene (DCE), toluene, and chlorobenzene in Sample MW-NASB-227 (mid-depth diffusion sampler) are considered estimated based on matrix spike/matrix spike duplicate relative percent differences.

- The positive methylene chloride results in 2 samples (QD-001 and EP-QS-5) should be considered false-positives due to the concentrations less than 5 times the method blank.

- The result for acetone should be considered estimated in sample MW-NASB-069 (shallow depth diffusion sampler) based on field precision criteria.

- The result for methyl tertiary-butyl ether should be considered estimated in sample SED-010 based on field precision criteria.

Despite the values listed above, the analytical data are considered to be of sufficient quality to evaluate the long-term effectiveness of the remedial action.

2. TEMPORAL TRENDS AND OBSERVATIONS

2.1 WATER LEVEL GAUGING PROGRAM

Results of the water level gauging program conducted during April 2002 indicate that ground-water flow is generally to the south at Site 9, toward the unnamed stream and 2 impoundment ponds located south of Neptune Drive. The interpreted flow pattern upgradient of Site 9 is to the southwest. The interpreted hydraulic gradient shows an increasing gradient to the south. The steepest hydraulic gradients are observed in the vicinity of the northern and southern branches of the unnamed stream and in the vicinity of the impoundment ponds. These ground-water flow patterns are consistent with previous gauging results.

Based on data collected during April 2002, the following observations are noted:

- Shallow ground water north of Neptune Drive is likely to flow toward the northern branch of the unnamed streams and associated branch of the lower impoundment pond. Ground-water flow from the portion of Site 9 that is west and immediately south of Building 201 is likely to flow toward the upper impoundment pond. Ground-water flow to the north toward the upper impoundment pond is consistently observed south of the pond based on ground-water elevations collected at MW-NASB-077 and MW-NASB-078 south of Site 9. It is suspected that the quality of shallow ground water south of the pond is not linked to the quality of shallow ground water north of the pond.

Table B-1 provides analytical data from the April 2002 sampling event. Ground-water samples were collected by low-flow sampling method, and by aqueous diffusion samplers. Data used to create Figures 4, 5, and 6 are from samples collected using the low-flow sampling process.

2.2 GROUND-WATER MONITORING AND SAMPLING PROGRAM

2.2.1 Water Quality Parameters

Water quality parameters, including pH, conductivity, temperature, dissolved oxygen, and turbidity, were measured during well purging. Eh was recorded to assist in evaluation of aquifer conditions with respect to natural attenuation processes. Results are presented in Appendix F.

2.2.2 Ground-Water Sampling Results

Trend graphs for the sampling points at Site 9 from Monitoring Event 20 are provided in Appendix C. Historical trend graphs for sampling points at Site 9 from 1995 through 2001 were included in the Monitoring Event 19 report. A comparison of the results for the ground-water sampling and analysis program conducted at Site 9 indicates the following.

2.2.2.1 Volatiles

Overall, data results show that concentrations of 1,2-DCE and vinyl chloride have leveled off over the last 1-2 years. The spike in vinyl chloride concentrations, particularly noted at MW-NASB-069, appears to have reached a maximum, and may now be declining.

Higher vinyl chloride/total 1,2-DCE ratios indicate increasing dechlorination. Figure 4 depicts the least mean square regression based on ratios of vinyl chloride to total 1,2-DCE for Monitoring Events 1 through 20.

The sum of the concentrations of vinyl chloride and 1,2-DCE in all study area wells is increasing at a similar rate (Figure 5). Regression lines through these data points are similar for total 1,2-DCE and vinyl chloride. The increasing trend for parent and daughter compounds based on data collected between 1995 and 2002 strongly suggest that the historical increase in vinyl chloride between 1998 and 2001 is related to the increase in 1,2-DCE concentrations (Figure 6). Dechlorination of 1,2-DCE and the subsequent formation of vinyl chloride appears to be occurring at a similar rate. The source of the 1,2-DCE at Site 9 is not apparent, but may be related to changing geochemical conditions at the Navy Exchange Service Station, which have affected ground-water chemistry at Site 9. Based on long-term monitoring data, the increase in 1,2-DCE concentrations appears to be limited to the ground water present in the central portion of Site 9.

Peaks in VOC and vinyl chloride concentrations followed by decreasing concentrations have been observed in samples from site wells throughout the Long-Term Monitoring Program. Similar patterns are expected to continue. The data from MW-NASB-069, MW-NASB-076, and MW-NASB-080 (the only wells that have detected vinyl chloride in the last year) show vinyl chloride concentrations decreasing.

Based on ground-water data collected during historical monitoring events, the vinyl chloride plume at Site 9 is limited to the central portion of the site. Monitoring wells in the long-term monitoring network appear to be well positioned to assess changes in vinyl chloride concentrations north of the impoundment ponds. Therefore, if elevated concentrations of vinyl chloride were to occur in areas downgradient of MW-NASB-069, the existing monitoring well network is likely to effectively track changes in ground-water concentrations of VOCs.

The diffusion samplers used at site wells show good correlation to low-flow sampling results. The current use of three diffusion samplers per well can be reduced to one sampler per well, except at MW-NASB-069, without reducing the representativeness of the ground-water sampling program (EA 2001b).

- **Monitoring Well MW-NASB-022**—Volatile concentrations remained similar to results from the last monitoring event (not detected) in low-flow and diffusion samples.

- **Monitoring Well MW-NASB-069**—Volatile concentrations for total VOC and total 1,2-DCE show a leveling off and slight decline in concentrations since 2000. Volatile concentrations for vinyl chloride, 1,1-dichloroethane (DCA), ethylbenzene, toluene, and total xylenes have remained non-detect since the last monitoring event. This monitoring well is located within the central portion of Site 9, and had historically shown the highest concentrations of vinyl chloride throughout the duration of the Long-Term Monitoring Program (1995-2002). Monitoring wells outside this central portion of Site 9 generally show steady non-detections of vinyl chloride, or decreasing vinyl chloride concentrations. The deep diffusion sampler detected the highest concentration of VOCs. Both the mid-depth and deep diffusion sampler noted higher concentrations of VOCs than were noted in the low-flow sample.

- **Monitoring Well MW-NASB-072**—Volatile concentrations for 1,1-DCA, total 1,2-DCE, ethylbenzene, toluene, vinyl chloride, and total xylenes remained similar to results from the last monitoring event (not detected) in low-flow and diffusion samples. Total VOC concentrations decreased (to not detected) since the last monitoring event. Overall, since 1998, the concentration of vinyl chloride has decreased to not detected at this monitoring well location.

- **Monitoring Well MW-NASB-074**—Volatile concentrations for 1,1-DCA, ethylbenzene, toluene, vinyl chloride, and total xylenes remained similar to results from the last monitoring event (not detected) in low-flow and diffusion samples. Total VOC and total 1,2-DCE concentrations increased since the last monitoring event. Vinyl chloride concentrations at this monitoring well have remained not detected since 1996. Diffusion sampler results were very similar to low-flow sample results.

- **Monitoring Well MW-NASB-075**—Volatile concentrations remained similar to results since 1997 (not detected) in low-flow and diffusion samples.

- **Monitoring Well MW-NASB-076**—Volatile concentrations for 1,1-DCA, toluene, and total xylene concentrations remained similar to results from the last monitoring event (not detected) in low-flow and diffusion samples. Total VOC, vinyl chloride, and total 1,2-DCE concentrations decreased since the previous monitoring event (total 1,2-DCE was not detected). Historically, this monitoring well has had four spikes in the concentration of vinyl chloride (2 in 1996, 1 in 1998, and 1 in 2000); however, since 2000, the least mean square regression for vinyl chloride has been decreasing. Diffusion samplers did not detect vinyl chloride at 2 μg/L or higher, however, vinyl chloride was detected in the low-flow sample at a concentration below the detection limit (0.995 μg/L).

- **Monitoring Well MW-NASB-080**—Volatile concentrations for total VOC, vinyl chloride, 1,1-DCA, and total 1,2-DCE decreased since the last monitoring event. Toluene, ethylbenzene, and total xylene remained similar to results from the last monitoring event (not detected). Since 2000, the least mean square regression for vinyl chloride has been decreasing. Diffusion sampler results were very similar to low-flow sample results.

- **Monitoring Well MW-NASB-227**—Volatile concentrations for total VOCs decreased since the last monitoring event. Volatile concentrations for total 1,2-DCE decreased since the last monitoring event. Toluene, ethylbenzene, total 1,1-DCA, vinyl chloride, and total xylenes remained similar to results from the last monitoring event (not detected) for diffusion samplers and the low-flow sample.

2.2.2.2 Inorganics

- **Monitoring Well MW-NASB-069**—Inorganic concentrations for manganese, cadmium, and chromium decreased since the last monitoring event. Historically, cadmium concentrations have remained consistently low since 1999 while the chromium concentration alternates from detected (including 2 peaks in 2000 and 2001) to not detected. The concentration of manganese has historically decreased since 1999. The aluminum concentration decreased below the Federal Maximum Contaminant Level (MCL) and State Maximum Exposure Guideline (MEG) since the last monitoring event. The antimony concentration increased above the Federal MCL and State MEG since the last monitoring event. The iron concentration decreased below the Federal MCL and State MEG since the last monitoring event. The manganese concentration decreased since the last monitoring event, however, it remained in exceedance of the Federal MCL and State MEG.

- **Monitoring Well MW-NASB-070**—Inorganic concentrations for manganese, cadmium, and chromium decreased since the last monitoring event. Historically, cadmium concentrations have remained consistently low since 1999 while the chromium concentration alternates from detected (including three peaks in 1999, 2000, and 2001) to not detected. The concentration of manganese has historically remained consistently low except for 2 spikes in 1999 and 2001. The iron concentration decreased below the Federal MCL and State MEG since the last monitoring event. The manganese concentration decreased since the last monitoring event, however, it remained in exceedance of the Federal MCL and State MEG.

- **Monitoring Well MW-NASB-079**—Inorganic concentrations for manganese decreased since the last monitoring event (however, it remained in exceedance of only the Federal MCL). Inorganic concentrations for cadmium and chromium remained the same since the last monitoring event. Historically, the concentration of cadmium has remained consistently low (at/near not detected) since 1995 and so has the concentration of

chromium with the exception of one spike that occurred in 1998. The concentration of manganese has historically remained similar since 1995 (always detected between 60 and 150 µg/L). The iron concentration decreased since the last monitoring event, however, it still exceeds the Federal MCL.

2.3 SURFACE WATER SAMPLING PROGRAM

A comparison of the results for the surface water sampling and analysis program conducted at Site 9 during Monitoring Events 19 and 20 indicate the following (Appendix C):

- **Surface Water Sample SW-010**—The total VOC concentration decreased since the last monitoring event to non-detect. The vinyl chloride concentration remained the same (not detected) since the last monitoring event. Historically, total VOC and vinyl chloride concentrations have remained consistently low (alternating between detect and not detected) with exception of one spike in the total VOC concentration in 1996.

2.4 SEDIMENT SAMPLING PROGRAM

A comparison of the results for the sediment sampling and analysis program conducted at Site 9 during Monitoring Events 19 and 20 indicates the following (Appendix C):

- **Sediment Sample SED-10**—Total VOC concentrations decreased since the last monitoring event. The vinyl chloride concentration remained the same (not detected) since the last monitoring event. Methyl tertiary-butyl ether was not reported during Monitoring Event 19; however, it was reported during Monitoring Event 20 at 19J µg/Kg (SED-10) and 26J µg/Kg (SED-10 DUP). Historically, the concentration of vinyl chloride has remained consistently low (<2 µg/kg) since 1995 (alternating from 2 detects to typically not detected concentrations).

2.5 SEEP SAMPLING PROGRAM

A comparison of the results for the seep sampling and analysis program conducted at Site 9 during Monitoring Events 19 and 20 indicates the following (Appendix C):

- **Leachate Seep Sample LT-901**—Total VOC concentrations increased since the last monitoring event (there is no applicable Federal MCL or State MEG). Vinyl chloride was reported as non-detect in both Monitoring Events 19 and 20. The compound 4-isopropyltoluene was not reported during Monitoring Event 19, however, it was reported in Monitoring Event 20 at 0.94J µg/L (LT-901) and 1J µg/L (LT-901 DUP). Historically, the concentration of vinyl chloride has remained at not detected levels since 1995 while the concentration of total VOCs has alternated from not detected to detected (including three spikes: 1 in 1995, 1 in 1997, and 1 in 1998).

3. RECOMMENDATIONS

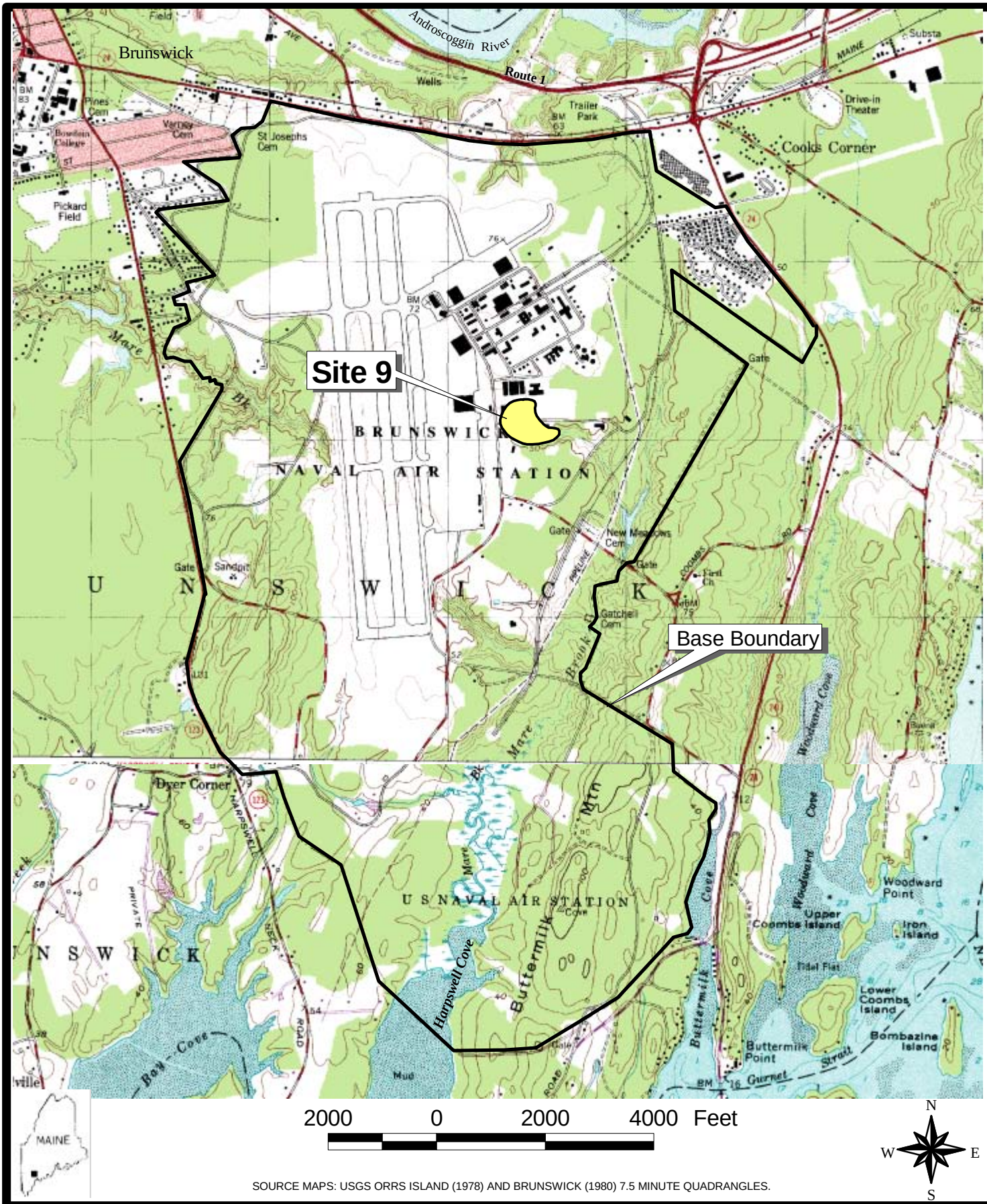
Based on an analysis of the data collected at Site 9 as part of the Long-Term Monitoring Program, the following recommendations are made:

- Continue long-term monitoring as per the latest version of the Long-Term Monitoring Plan to assess the effectiveness of natural attenuation with long-term monitoring, the selected remedy for the site.

- Continue the use of aqueous diffusion samplers at Site 9 to assess the usefulness of these samplers at one sample interval within the screened interval (shallow, mid-, or deep). Following the completion of the September 2002 sampling event, the diffusion data should be reviewed to finalize sampling intervals for the diffusion samplers. Revise the Long-Term Monitoring Plan sampling method from low-flow to aqueous diffusion sampling.

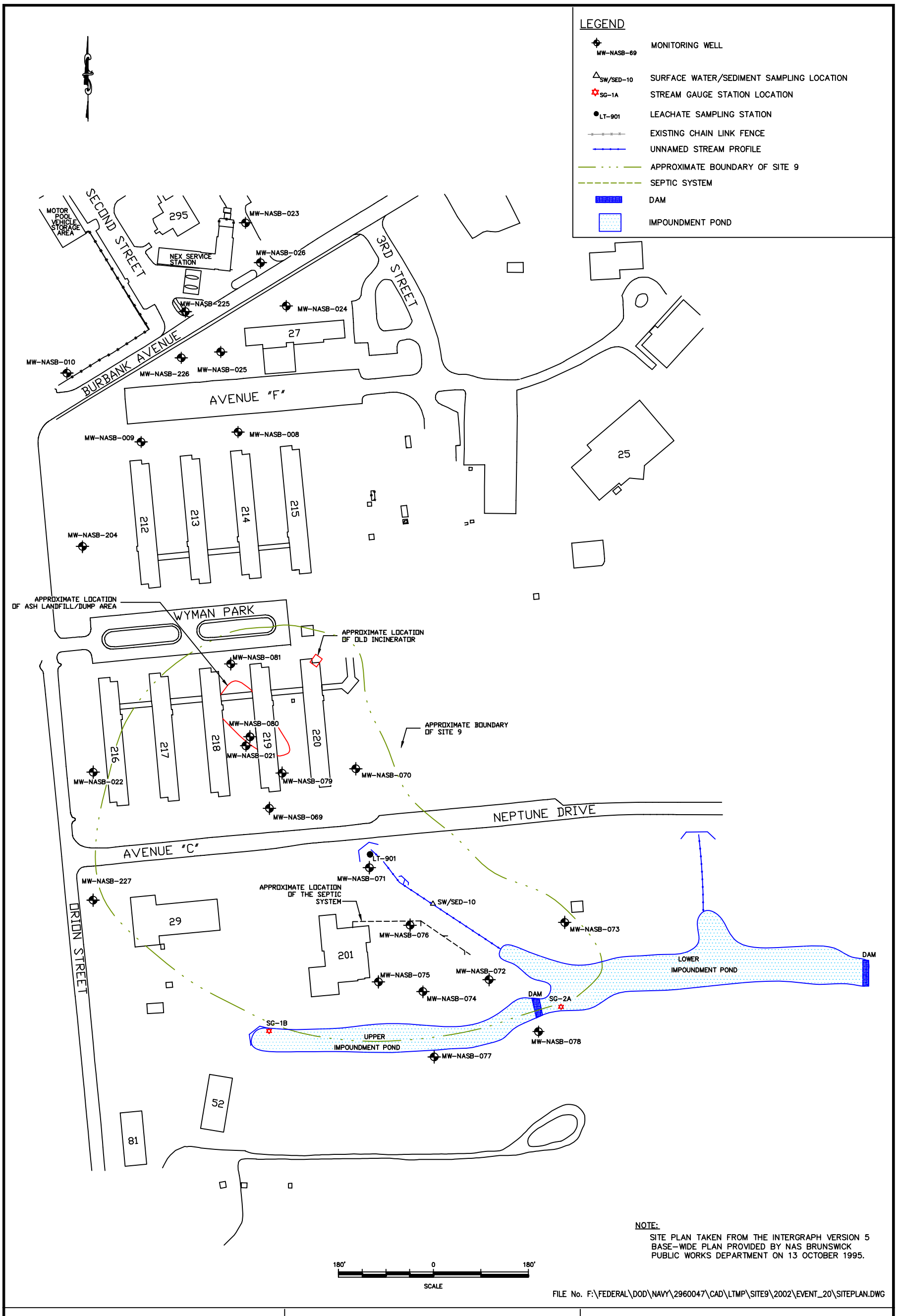
- Continue gauging of wells located at Site 9, upgradient wells, and monitoring wells at the Navy Exchange Service Station during September 2002 to collect data on ground-water flow patterns.

- Repair or replace staff gauge SG-1B.



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

EA ENGINEERING, SCIENCE, AND TECHNOLOGY	NAVAL AIR STATION BRUNSWICK, MAINE	FIGURE 1 SITE LOCATION MAP, SITE 9 (NEPTUNE DRIVE DISPOSAL SITE)					
PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT No	FILE No
PLN	BT	BT	PLN	AS SHOWN	1 AUGUST 2002	29600.47	I:\NASB_GIS \NAVY.APR



NOTE:
SITE PLAN TAKEN FROM THE INTERGRAPH VERSION 5 BASE-WIDE PLAN PROVIDED BY NAS BRUNSWICK PUBLIC WORKS DEPARTMENT ON 13 OCTOBER 1995.

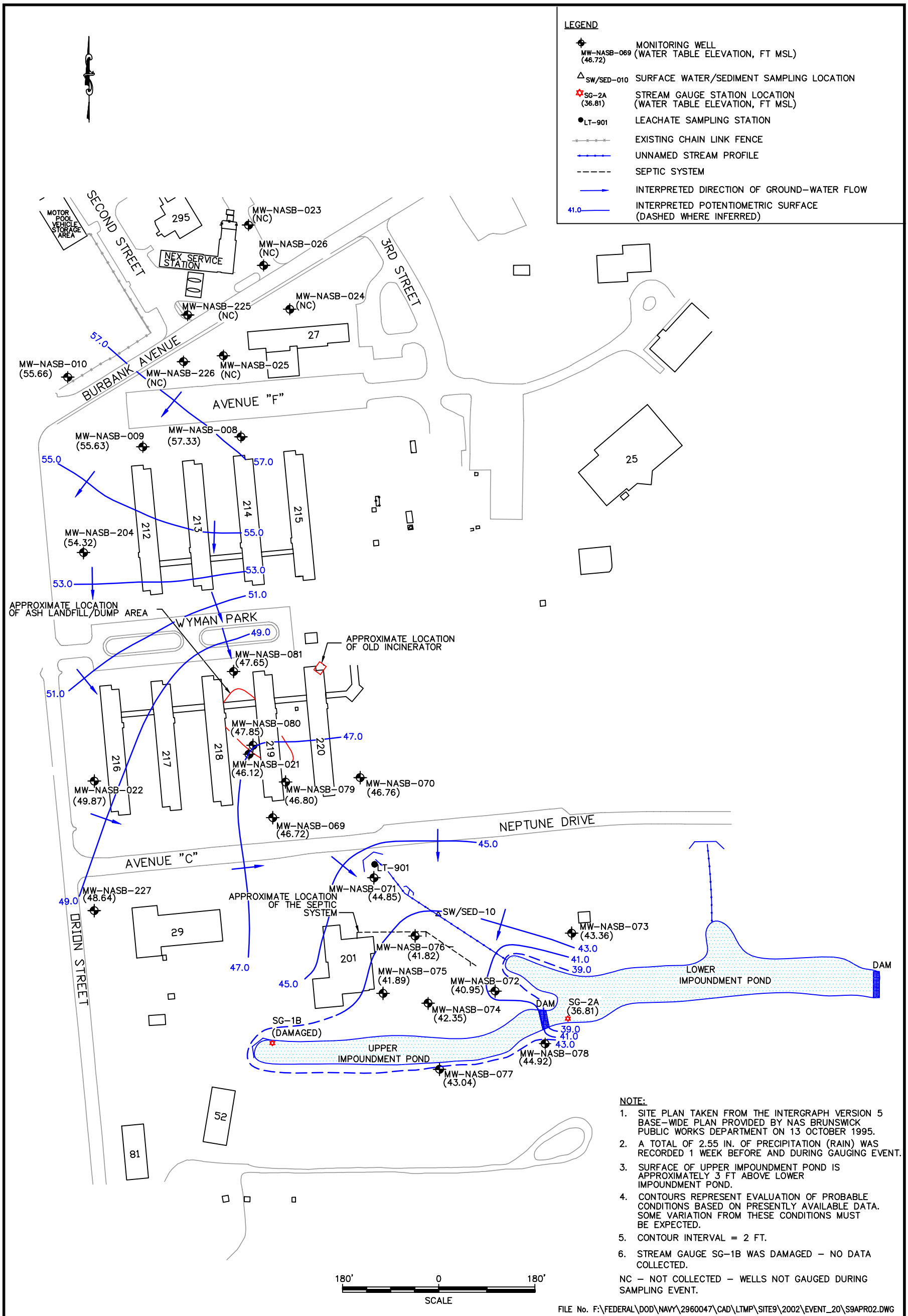
FILE No. F:\FEDERAL\DOD\NAVY\2960047\CAD\LTMP\SITE9\2002\EVENT_20\SITEPLAN.DWG

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

SITE 9
(NEPTUNE DRIVE DISPOSAL SITE)
NAVAL AIR STATION
BRUNSWICK, MAINE

FIGURE 2
SITE PLAN

PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FILE No.
AE	SAP	SAP	GMC	1"=180'	1 AUGUST 2002	29600.47	SITEPLAN



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. A TOTAL OF 2.55 IN. OF PRECIPITATION (RAIN) WAS RECORDED 1 WEEK BEFORE AND DURING GAUGING EVENT.
3. SURFACE OF UPPER IMPOUNDMENT POND IS APPROXIMATELY 3 FT ABOVE LOWER IMPOUNDMENT POND.
4. CONTOURS REPRESENT EVALUATION OF PROBABLE CONDITIONS BASED ON PRESENTLY AVAILABLE DATA. SOME VARIATION FROM THESE CONDITIONS MUST BE EXPECTED.
5. CONTOUR INTERVAL = 2 FT.
6. STREAM GAUGE SG-1B WAS DAMAGED – NO DATA COLLECTED.

NC – NOT COLLECTED – WELLS NOT GAUGED DURING SAMPLING EVENT.

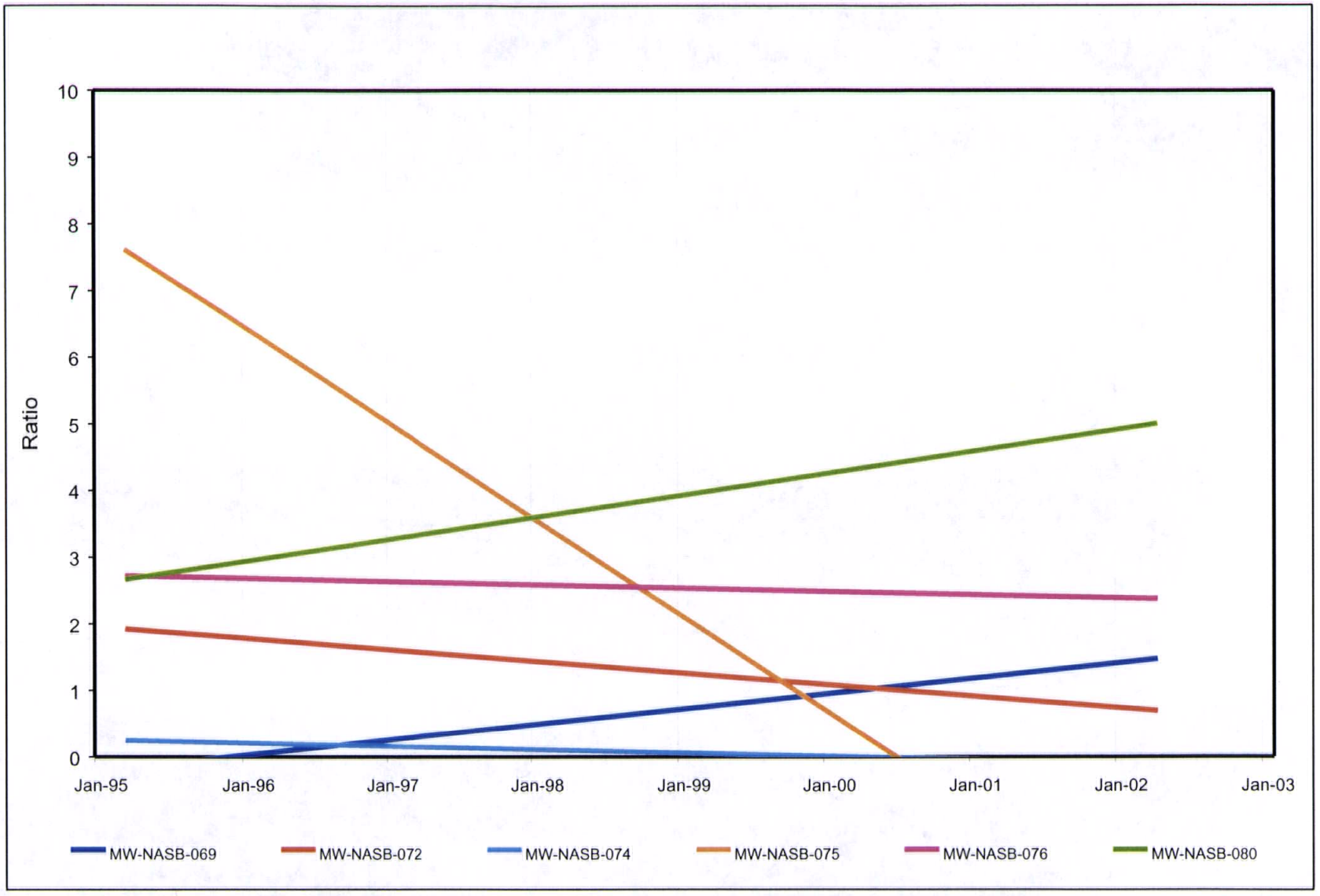
FILE No. F:\FEDERAL\DOD\NAVY\2960047\CAD\LTMP\SITE9\2002\EVENT_20\S9APR02.DWG

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

SITE 9
(NEPTUNE DRIVE DISPOSAL SITE)
NAVAL AIR STATION
BRUNSWICK, MAINE

FIGURE 3
INTERPRETED POTENTIOMETRIC SURFACE ELEVATIONS, 2 APRIL 2002 WELL GAUGING DATA

PROJECT MGR	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	DATE	PROJECT NO	FILE No.
AE	SAP	SAP	AE/GMC	AS SHOWN	7 JUNE 2002	29600.47	S9APR02



F:\Federal\DoD\Navy\2960047\ANNUAL\2002\Site 9\Charts\Fig_4.doc

NOTE: Higher vinyl chloride/total 1,2 -dichloroethene ratio indicates increasing dechlorination.
Lines show least mean square regression based on ratios of vinyl chloride to total 1,2-dichloroethene.

Figure 4. Vinyl chloride/total 1,2-dichloroethene ratio trends, Monitoring Events 1 through 20.

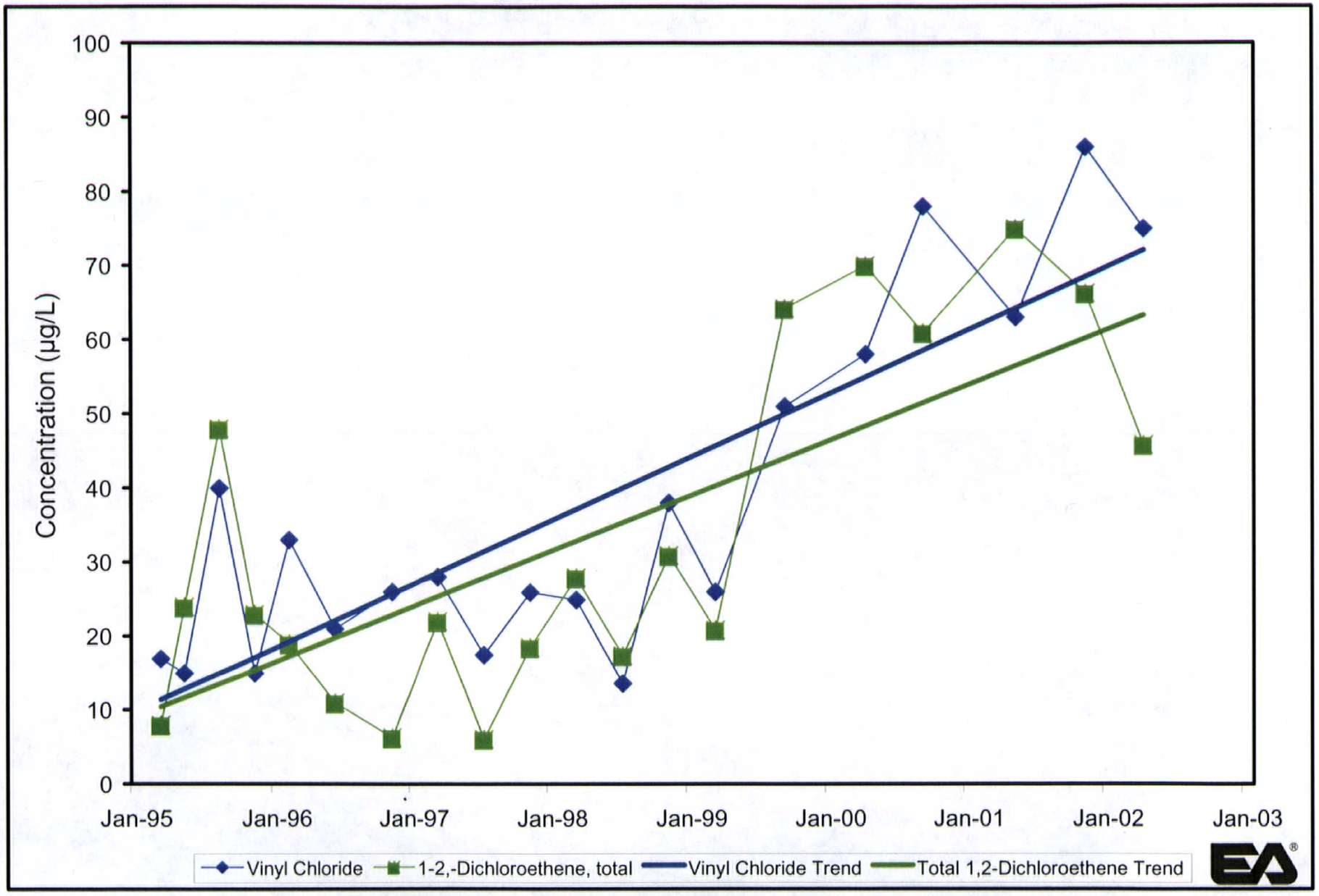
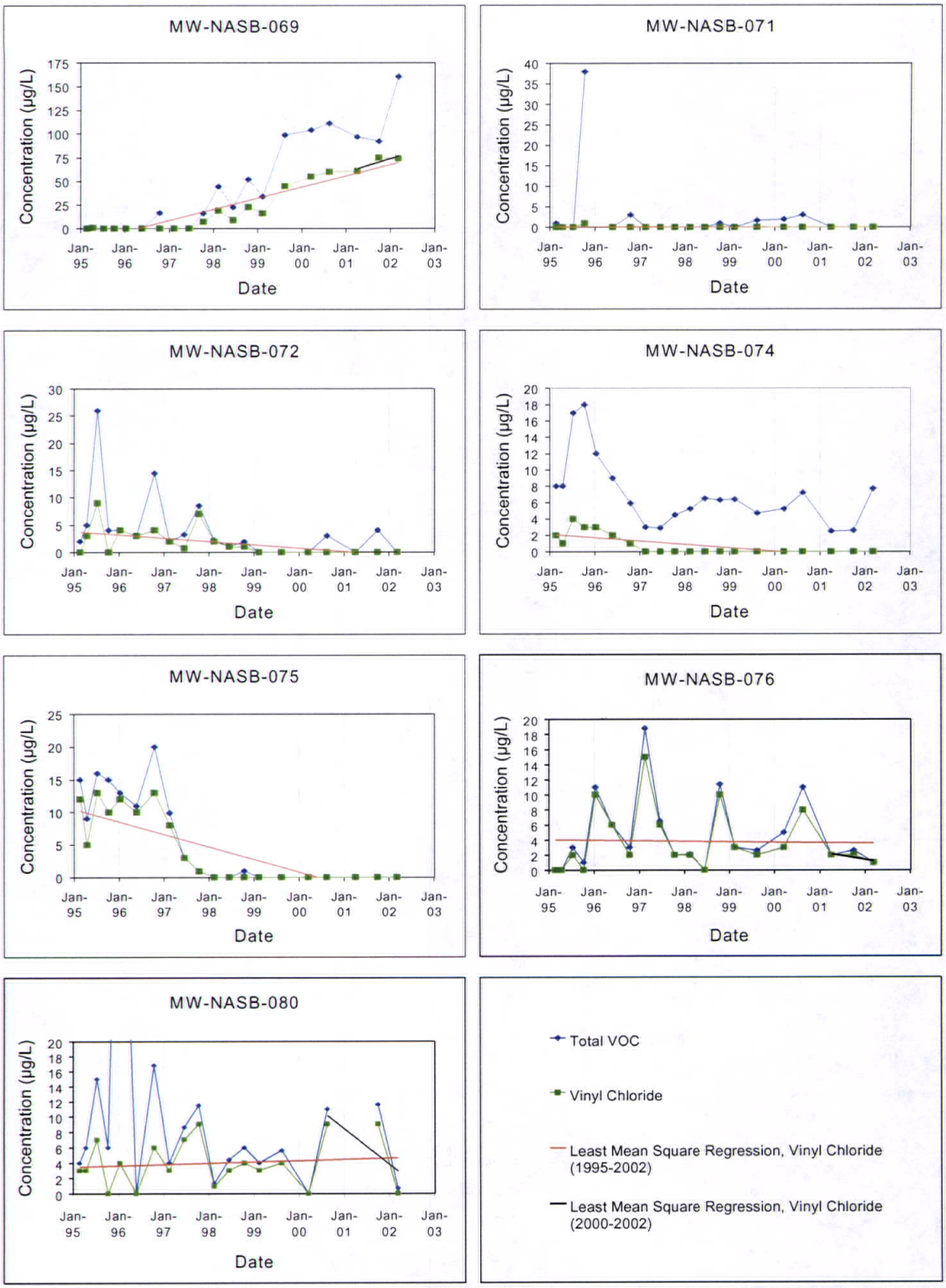


Figure 5. Sums of vinyl chloride and Total 1,2-Dichloroethene concentrations, 1995-2002.



NOTE: Vinyl chloride concentrations less than the detection limit (2 µg/L) are plotted as a zero concentration on these charts. MW-NASB-080 graph scale enlarged to show vinyl chloride trends. Acetone concentration detected in February 1996 is considered a laboratory contaminant and is shown off graph scale.

Figure 6. Total volatile organic compounds and vinyl chloride trends, 1995-2002.

TABLE 1 SUMMARY OF LONG-TERM MONITORING PROGRAM AT SITE 9

Well Designation	Previous Well Designation	Monitoring Frequency	Sample Parameters			Monitoring Event 20	
			TCL VOC	TAL Elements	Field Parameters[a]	Gauged	Sampled
Monitoring Wells							
MW-NASB-069	MW-901	Bi-Annual	X	X[b]	X	X	X
MW-NASB-070	MW-902	Bi-Annual	NR	X[b]	X	X	X
MW-NASB-071	MW-903	Bi-Annual	X	NR	X	X	X
MW-NASB-072	MW-904	Bi-Annual	X	NR	X	X	X
MW-NASB-073	MW-905	Bi-Annual	NR	NR	NR	X[c]	NR
MW-NASB-074	MW-906	Bi-Annual	X	NR	X	X	X
MW-NASB-075	MW-907	Bi-Annual	X	NR	X	X	X
MW-NASB-076	MW-908	Bi-Annual	X	NR	X	X	X
MW-NASB-077	MW-909	Bi-Annual	NR[d]	NR	X	X	NR
MW-NASB-078	MW-910	Bi-Annual	NR	NR	NR	X[c]	NR
MW-NASB-079	MW-914	Bi-Annual	NR	X[b]	X	X	X
MW-NASB-080	MW-915	Bi-Annual	X	NR	X	X	X
MW-NASB-081	MW-916	Bi-Annual	NR	NR	NR	X[c]	NR
MW-NASB-022	None	Bi-Annual	X	NR	X	X	X
MW-NASB-204	None	Bi-Annual	NR	NR	NR	X[c]	NR
MW-NASB-227	None	Bi-Annual	X	NR	X	X	X

Sample Type/Location	Monitoring Frequency	Sample Parameters		Monitoring Event 20	
		TCL VOC	Field Parameters[a]	Gauged	Sampled
Leachate Station					
LT-901 (SEEP)	Bi-Annual	X	X	NR	X
Surface Water					
SW-010	Bi-Annual	X	X	NR	X
Sediment					
SED-010	Bi-Annual	X	NR	NR	X
Stream Gauge Water					
SG-1B[e]	Bi-Annual	NR	NR	X[c]	NR
SG-2A	Bi-Annual	NR	NR	X[c]	NR

(a) Determination of field parameters in accordance with EPA/600/4-79/020 using the following methods: pH (Method 150.1), temperature (Method 170.1), specific conductance (Method 120.1), and turbidity (180.1); optional field parameters, including dissolved oxygen (Method 360.1) and Eh, were also recorded. Includes water level measurement.
(b) Well will be sampled and analyzed for semivolatile organic compounds by EPA Method 8270C.
(c) Indicates water level measurement only.
(d) Monitoring well MW-NASB-077 was analyzed for two rounds (September 1999 and April 2000) using EPA Method 8260B modified for selected ion mass for vinyl chloride. Results for both rounds were non-detect, therefore, monitoring well MW-NASB-077 was removed from the sampling program in August 2000.
(e) Stream gauge SG-1A was replaced with SG-1B prior to Monitoring Event 17. However, SG-1B was damaged at the time of this event.

NOTE: TCL = Target Compound List.
VOC = Volatile organic compound.
TAL = Target Analyte List.
NR = Procedure not required.
EPA = U.S. Environmental Protection Agency.

TABLE 2 MONITORING WELL GAUGING SUMMARY, SITE 9, 2 APRIL 2002

Well Designation	Previous Well Designation	Top of Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of PVC Riser)	Depth to Water (ft below top of PVC riser)	Water Table Elevations (ft MSL)
MW-NASB-069	MW-901	57.35	42.42	10.63	46.72
MW-NASB-070	MW-902	58.26	27.32	11.50	46.76
MW-NASB-071	MW-903	46.25	21.54	1.40	44.85
MW-NASB-072	MW-904	49.81	14.63	8.86	40.95
MW-NASB-073	MW-905	51.71	32.12	8.35	43.36
MW-NASB-074	MW-906	51.68	27.12	9.33	42.35
MW-NASB-075	MW-907	54.91	21.22	13.02	41.89
MW-NASB-076	MW-908	52.79	19.94	10.97	41.82
MW-NASB-077	MW-909	58.89	37.29	15.85	43.04
MW-NASB-078	MW-910	53.74	14.93	8.82	44.92
MW-NASB-079	MW-914	58.15	18.92	11.35	46.80
MW-NASB-080	MW-915	58.51	19.04	10.66	47.85
MW-NASB-081	MW-916	58.22	18.85	10.57	47.65
MW-NASB-021	None	57.35	50.30	11.23	46.12
MW-NASB-022	None	59.52	17.97	9.65	49.87
MW-NASB-204	None	62.09	17.93	7.77	54.32
MW-NASB-227	None	58.39	40.60	9.75	48.64
Stream Gauging Station					
SG-1B	None	37.35[a]	NA	NC	NC
SG-2A	None	34.41[a]	NA	2.40	36.81

(a) Measurement from surveyed point on staff gauge. Zero mark on the staff gauge is the measured elevation.

NOTE: MSL = Mean sea level.
PVC = Polyvinyl chloride.
NA = Not applicable.
NC = Not collected because the stream gauge was damaged.

TABLE 3 MONITORING WELL GAUGING SUMMARY FOR 2 APRIL 2002 AT THE NAVY EXCHANGE SERVICE STATION

Well Designation	Top of Well Riser Elevation (ft MSL)	Depth to Well Bottom (ft below top of PVC Riser)	Depth to Water (ft below top of PVC riser)	Water Table Elevations (ft MSL)
MW-NASB-8	59.22	13.15	1.89	57.33
MW-NASB-9	59.00	11.50	3.37	55.63
MW-NASB-10	62.03	12.40	6.37	55.66
MW-NASB-23	67.29	21.90	NS	NS
MW-NASB-24	65.31	13.15	NS	NS
MW-NASB-25	64.34	14.70	NS	NS
MW-NASB-26	66.61	12.55	NS	NS
MW-NASB-225	64.61	14.31	NS	NS
MW-NASB-226	62.22	12.68	NS	NS

NOTE: MSL = Mean sea level.
PVC = Polyvinyl chloride.
NS = No sample collected
Monitoring wells listed on this table are not part of Site 9.
Water elevations were collected at the Navy Exchange Service Station wells to provide data upgradient of Site 9.

TABLE 4 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN GROUND-WATER SAMPLES COLLECTED ON 4-8 APRIL 2002 AT SITE 9

Well Designation	Previous Well Designation	pH	Temperature (°C)	Conductivity (µmhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
MW-NASB-069	MW-901	6.16	14.79	250	0.50	5	11
MW-NASB-070	MW-902	5.80	13.96	69	0.73	0	248
MW-NASB-071	MW-903	6.42	13.44	188	0.18	3	95
MW-NASB-072	MW-904	6.21	12.33	77	4.59	0.1	241
MW-NASB-074	MW-906	6.37	14.17	238	0.33	4	57
MW-NASB-075	MW-907	6.07	18.12	289	0.92	3.9	104
MW-NASB-076	MW-908	6.05	15.21	183	0.72	1	29
MW-NASB-079	MW-914	7.10	15.32	264	0.47	9	38
MW-NASB-080	MW-915	6.42	16.19	241	1.51	3	116
MW-NASB-021[(a)]	None	NC	NC	NC	NC	NC	NC
MW-NASB-022	None	6.39	9.71	57	11.92	4	20
MW-NASB-227	None	5.97	14.63	172	0.31	5	195
Diffusion Sampling							
MW-NASB-021[(a)]	None	6.52	13.70	238	5.37	NA	-179.5
MW-NASB-022	None	6.46	6.63	50	12.78	NA	257
MW-NASB-069	MW-901	6.25	13.30	272	0.95	NA	197
MW-NASB-071	MW-903	6.76	12.68	252	1.41	NA	77
MW-NASB-072	MW-904	6.55	7.50	42	7.31	NA	284
MW-NASB-074	MW-906	6.68	10.63	242	3.15	NA	-87
MW-NASB-075	MW-907	6.50	11.39	247	2.58	NA	254
MW-NASB-076	MW-908	5.84	9.91	171	2.84	NA	200
MW-NASB-080	MW-915	6.38	10.40	207	4.38	NA	-161.7
MW-NASB-227	None	6.18	12.51	188	6.46	NA	-205.6

(a) Monitoring well MW-NASB-021 was inadvertently sampled during this sampling event.

NOTE: NTU = Nephelometric turbidity unit.
NC = Not collected
NA = Not available.
Diffusion sampling water quality data were collected utilizing an in-well YSI 600XL. It should be noted that this water quality meter does not record turbidity.

TABLE 5 SUMMARY OF WATER QUALITY INDICATOR PARAMETERS MEASURED IN SURFACE WATER AND LEACHATE SEEP SAMPLES COLLECTED ON 8 APRIL 2002 AT SITE 9

Sample Designation	pH	Temperature (°C)	Conductivity (umhos/cm)	Dissolved Oxygen (mg/L)	Turbidity (NTU)	Eh (mV)
Surface Water						
SW-010	6.56	8.93	224	8.31	NC	NC
Leachate Seep						
LT-901	6.40	9.11	203	0.90	313	60

NOTE: NTU = Nephelometric turbidity unit.
NC = Not collected.

REFERENCES

ABB Environmental Services, Inc. (ABB-ES). 1994. Interim Ground-Water Record of Decision for the Ground-Water Operable Unit at Site 9. September.

EA Engineering, Science, and Technology. 1996. Final Report, Quarterly Monitoring Event 4 – November 1995, Site 9: Neptune Drive Disposal Site, Naval Air Station, Brunswick, Maine. February.

EA. 1999a. Final Record of Decision for Site 9, Naval Air Station, Brunswick, Maine. September.

EA. 1999b. Final Long-Term Monitoring Plan, Site 9: Neptune Drive Disposal Site, Naval Air Station, Brunswick, Maine. August.

EA. 2000. Technical Meeting Minutes. 2 August.

EA. 2001a. Draft Revision No. 1, Long-Term Monitoring Plan, Site 9, Naval Air Station, Brunswick, Maine. July.

EA. 2001b. Summary of the April 2001 Aqueous Diffusion Sampling Pilot Study for Site 9, Naval Air Station, Brunswick, Maine. August.

Appendix A

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

Barry.Michael@epamail.epa.gov

01/02/2003 10:12 AM

To: aeasterd@eaest.com, Williams.Christine@epamail.epa.gov

Cc: Claudia.B.Sait@state.me.us, clepagegeo@aol.com, gmcalder@eaest.com, MONACOLJ@efane.navfac.navy.mil, WilliamsA@nasb.navy.mil

Subject: NAS Brunswick, Site 9, RTCs to EPA comments on ME 20 Draft Report

Al,

These look fine as well, no issues.

Mike Barry
Remedial Project Manager
Federal Facilities Superfund

1 Congress St, Suite 1100 (HBT)
USEPA-New England 02114
617.918.1344

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

02/05/2003 10:44 AM

To: '"gmcalder@eaest.com"' <gmcalder@eaest.com>
cc:
Subject: RE: one more RTC edit for your final review.

Site 9 ME 20 should be okay based on the minor clarification of wording sent out Jan. 22 to Al. Thanks, CBS

RESPONSE TO COMMENTS FROM THE
MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION
FOR MONITORING EVENT 20 APRIL 2002 SITE 9,
NAVAL AIR STATION, BRUNSWICK MAINE
DATED NOVEMBER 2002

COMMENTOR: Claudia Sait **DATED: 9 December 2002**

GENERAL COMMENTS

1. As discussed at the October 22, 2002 Technical Meeting, MEDEP understands that the Navy intends to produce a work plan to investigate subsurface conditions/groundwater quality in the western part of Site 9, addressing long-standing concerns regarding the source of vinyl chloride. Such data collection should be very informative and close crucial voids in understanding Site 9 groundwater contamination. MEDEP looks forward to assisting the Navy in designing the work plan. (NR)

   Response—The Navy is interested in working with MEDEP to clearly identify the data gaps, if any, that remain at Site 9, and to develop an investigation that will fill these data gaps.

SPECIFIC COMMENTS:

2. ***Section 1.3.1, Sampling Activities, Page 2, 2nd Paragraph—***Please reread this paragraph. There is a conflict in the number of monitoring wells in the pilot study for aqueous diffusion samplers. (ED)

   Response—The reference of 9 wells should have been 10 wells, as was correctly noted in the remainder of the paragraph.

3. ***Section 1.3.1, Sampling Activities, Page 3, 1st Paragraph—***…it generally appears that there were slightly higher pH and dissolved oxygen results and slightly lower temperature results with the diffusion sampler data as opposed to the low-flow data.

   This reported relationship for dissolved oxygen is unexpected, because the low-flow sampling would be expected to increase dissolved oxygen over ambient levels due to the pumping to water to the surface. The difference in dissolved oxygen values between techniques is substantial in Page 2 of 4 nearly every Site 9 well. The lower value is usually considered more reliable, as oxygen addition can occur in several ways. Perhaps oxygen is diffusing through the bags while being held for laboratory analysis. Does the Navy have a different explanation? The Navy needs to determine why this difference in collection methodologies is occurring and the effect on the monitoring results. It may be necessary to amend collection and/or handling procedures. (RR)

   Response—The differences in dissolved oxygen are likely related to the differences in sampling methods being employed for low-flow and diffusion samplers. Low-flow sample field parameters are measured using a flow-through cell immediately prior to sample collection. Diffusion samplers cannot be measured directly (they have low volume) and,

therefore, field parameters are measured within the well at the same interval as the sample. These measurements are collected using a down-hole instrument. Both measurement instruments are calibrated according to the manufacturer's specifications by the same person before sampling is complete. Differences in field parameters are to be expected, especially when different instruments are employed. A review of the results from diffusion samplers and low-flow samples for the monitoring event shows excellent correlation between the sampling methods. Based on the analytical comparison of results, the differences in dissolved oxygen noted in the comment, while present, do not appear to have any effect on VOC concentrations in ground-water samples.

As a general comment, we would caution against using field parameter data without assessing the intrinsic uncertainties that result from using field instruments. The precision of these instruments is sufficient for their intended purpose (i.e., to note when ground water has stabilized and can be sampled, or as a general indication of site conditions). However, application of these data for precise comparisons is not a legitimate data objective for this field-gathered data.

The following text has been inserted to edit the sentence noted in the comment and to add a sentence immediately following this sentence:

> *...it generally appears that there were slightly higher pH and slightly lower temperature results with diffusion sampler data as opposed to the low-flow data. Dissolved oxygen was generally higher except for one well that was 6.0 mg/L higher.*

4. ***Section 2.2.2.1 Volatiles Page 8, 5th Paragraph*****—**Monitoring wells in the long-term monitoring network appear to be well positioned to access changes in vinyl chloride concentrations north of the impoundment ponds.

   While this statement could be generally true, several important locations/depths in the downgradient migration pathway are not being monitored. MEDEP has presented evidence to the Navy that the core of the vinyl chloride plume may be escaping into the lower pond undetected, due to a subtle change in groundwater flow caused by creation of the impoundment ponds. The Navy indicated that additional direct push sampling, and possibly a new monitoring well or two, will be proposed within several months (Technical Meeting of October 22, 2002). Given the recognition of a potential for inadequate monitoring coverage, the report statement should be reworded or deleted. (ED)

   Response—The theory being proposed by MEDEP (the core of the vinyl chloride plume may be escaping into the lower pond undetected, due to a subtle change in ground-water flow caused by creation of the impoundment ponds) is one interpretation of existing data. However, the Navy believes this statement is accurate as written. A number of monitoring wells are located north of the impoundment ponds and, therefore, limited opportunity exists for the core of the plume to escape undetected. The statement put forth in the report is fully supported by existing data. Additional data may clarify which of these two theories is correct.

NOTE: Site 9 was discussed during the 12 December 2002 NAS Brunswick Technical Meeting in Portland, Maine, and the Navy is proceeding with tasking their consultant with a direct-push effort to investigate this area and the ash landfill underlying Barrack Buildings Nos. 218 and 219.

5. ***Section 2.2.2.1 Volatiles, Page 8, 6th Paragraph—***The current use of three diffusion samplers per well can be reduced to one sampler per well without reducing the representativeness of the ground-water sampling program.

   Before the State is willing to agree to this statement, the entire diffusion sample database for Site 9 must be carefully analyzed and presented in text, table and graphic formats for scrutiny by the agencies and the citizen's technical representative.

   Also for the key monitoring well, MW-NASB-069, the vinyl chloride values for the top, middle and bottom diffusion samplers have shown no consistency between events. Extreme chemical stratification must be addressed. The highest concentration zone should be monitored each time, and therefore, it appears that three samplers may be needed at this location. Thus, the above statement by the Navy is premature, and should be removed. (ED)

   Response—An analysis of diffusion sampler results is being prepared, and will be distributed to site decision-makers for review before any Long-Term Monitoring Program change is instituted. The statement cited in the comment is valid, except for one possible exception at MW-NASB-069. The Navy would expect to discuss the sampling program, and this well in particular, with site decision-makers following issuance of the assessment of the diffusion sampling program. Note that the phrase "extreme chemical stratification" does not appear to be warranted based on the results from MW-NASB-069. A comparison of reported concentrations for low-flow samples to the three diffusion sampler intervals shows all data are within the same order of magnitude, and generally have a range of only 30 µg/L or less. While this well has the greatest amount of stratification noted at Site 9, this concentration range is not extreme.

   The text has been revised as follows:

   The current use of three diffusion samplers per well can be reduced to one per well, except at MW-NASB-069, without reducing the representativeness of the ground-water sampling program.

6. ***Section 2.2.2.1 Volatiles, Page 9, Bullet One, MW-NASB-069:***

   a. *Volatile concentrations for vinyl chloride, 1,1-dichloroethane (DCA), ethylbenzene, toluene, and total xylenes remained the same since the last monitoring event (1,1-DCA, ethylbenzene, toluene, and total xylenes were not detected).*

      This sentence is worded rather awkwardly. The concentrations of four contaminants are said to have remained the same, but have been non-detects. MEDEP suggests the following language:

Volatile concentrations for vinyl chloride, 1,1-dichloroethane (DCA), ethylbenzene, toluene, and total zylenes have remained non-detect since the last monitoring event. ~~(1,1-DCA, ethylbenzene, toluene, and total xylenes were not detected)~~. (ED)

Response—The text has been revised as suggested.

b. *Overall, since 1998, the concentration of vinyl chloride has decreased to not detected at this monitoring well location.*

This statement is incorrect for MW-NASB-069, and must have been intended for another well. Please remove the above sentence. (ED)

Response—This sentence was added in error and has been removed from this and future reports.

7. ***Section 2.2.2.1 Volatiles, Page 10, MW-NASB-227—***The most important contaminants found at this location, PCE and TCE, are not mentioned, nor are they plotted in the Appendix B trend graphs. Because MW-NASB-227 is close upgradient of some Site 9 wells where trace to low-levels PCE or TCE has been often detected, these contaminants must be addressed in monitoring event reports due to their significance as potential parent compounds of vinyl chloride. Please correct. (ED)

Response—The concentrations of PCE and TCE at MW-NASB-227 were not discussed in the text as these compounds are below MEG and MCL. The well is crossgradient of MW-NASB-069 (the core of the vinyl chloride plume), and the low concentrations of parent compounds at this location are not likely to be resulting in the vinyl chloride plume. The distribution of VOCs in ground water near MW-NASB-227 will be assessed as part of an upcoming investigation. The results of this investigation are likely to shed more light on how these sections of the plume at Site 9 are related, if at all.

8. ***Section 3, Recommendations. Bullets 1 and 2—***Bullet 1: Continue long-term monitoring and sampling during September 2002 as per the latest version of the Long-Term Monitoring Plan to assess the effectiveness of natural attenuation with long-term monitoring, the selected remedy for the site.

Bullet 2: Continue the use of aqueous diffusion samplers at Site 9 to assess the usefulness of these samplers at one sample interval within the screened interval (shallow, mid-, or deep). Following the completion of the September 2002 sampling event, the diffusion data should be reviewed to finalize sampling intervals for the diffusion samplers and eliminate low-flow sampling from these wells.

No unilateral change can be made to the existing Long Term Monitoring Plan. The Record of Decision for Site 9 states: "Long-term monitoring will be conducted in accordance with the Long-Term Monitoring Plan to monitor groundwater, surface water, leachate, and stream sediments for COC. The Long-Term Monitoring Plan, which was required by the Interim ROD, is currently undergoing revisions and is scheduled to be finalized in 1999. The revised

Long-Term Monitoring Plan will be reviewed and approved by EPA and MEDEP in consultation with the Restoration Advisory Board and the public. The Navy will continue the monitoring program in accordance with the Long-Term Monitoring Plan until it is determined that the program is no longer necessary. This determination shall be made with the approval of EPA and MEDEP in consultation with the Restoration Advisory Board and the public…" Therefore Navy must develop and submit for review and approval a revised Long Term Monitoring Plan with documentation which includes the entire diffusion sample database in text, table and graphic formats for analysis of sampling intervals. Once that plan has been agreed upon by EPA, MEDEP and the BASCE representative it can be implemented. Until that time the current LTMP must continue per the Record of Decision for Site 9. (ED/RR)

Response—The Navy agrees that no unilateral changes will be made to the Long-Term Monitoring Program. Bullet 2 noted in the comment recommends the program move toward elimination of low-flow sampling. This recommendation should not be interpreted to suggest changes to the normal process of discussion, which is agreement on a plan of action, followed by a Long-Term Monitoring Plan update in accordance with these discussions. As per previous optimization efforts, any future optimizations will be complete in close coordination with site stakeholders.

Text revisions to the bullets are as follows:

> ***Bullet 1****: Continue long-term monitoring as per the latest version of the Long-Term Monitoring Plan to assess the effectiveness of natural attenuation with long-term monitoring, the selected remedy for the site.*
>
> ***Bullet 2****: Continue the use of aqueous diffusion samplers at Site 9 to assess the usefulness of these samplers at one sample interval within the screened interval (shallow, mid-, or deep). Following completion of the September 2002 sampling event, the diffusion data should be reviewed to finalize sampling intervals for the diffusion samplers. Revise the Long-Term Monitoring Plan sampling method from low-flow to aqueous diffusion sampling.*

9. ***Figure 4, Vinyl Chloride/Total 1,2-Dichloroethene Ratio Trends—***This graph would be much more informative if the actual ratio values for each event were shown as color dots for the period of record (1995 – 2002). For wells MW-NASB-072 and MW-NASB-076, non-detects were reported for the last monitoring event (ME-20), however, the least mean square regression lines do not intersect the x-axis as does the line for MW-NASB-075. Without the data ratios shown, it is difficult to assign significance to any of the trend lines. Please add the individual ratio points to all future ratio trend graphs. (ED)

   Response—The requested ratios were originally present on this graphic, but the result was very difficult to use or interpret. Each of the 6 trend lines is based on 20 ratio points. If these points were added, the graphic would then contain 180 points with 6 different colors. It was our judgment that the graphic would be more usable if only the regressions were present, which summarize these data. Note that concentrations of PCE and vinyl chloride have been very low or non-detect at MW-NASB-072, MW-NASB-075, and MW-NASB-076

in the past 2-3 years. Because the regression line is a best fit of all data since 1995, these results in later years (i.e., mostly non-detects) do not result in the past regression lines intersecting the graph in the latter part of the x-axis. Refer to Attachment A for the requested trend graphs for Monitoring Event 20 showing the data points that comprise the trend line. This information will be included as an attachment in future monitoring event reports.

10. ***Figure 5, Sum of Vinyl Chloride and 1,2-Dichloroethene Graphs*—**Both graphs show a low in total concentrations for the period of 1996 through 1998 in contrast to 1995 and 1999 through 2001. While various hypothesis could be advanced, the cause of the above contrasts has not been established. When the Site 9 groundwater regime is adequately understood relative to environmental events in this area of the base, the explanation should be evident.

    To assist in developing hypotheses, MEDEP plotted Site 9 groundwater elevations since March 1998 to learn if the drought may have had a significant effect. A larger difference between spring and fall levels did occur in 2001, and the highest water elevations for this period occurred in April 2001 in the central and northern part of Site 9. Figure 5 shows that the highest total 1,2-dichloroethene concentrations also occurred in April 2001. The drop in 1,2-dichloroethene concentration in April 2002 emphasizes that both contaminants do not follow a regular seasonal pattern. (NR)

    Response—The Navy would be interested in discussing this during an upcoming technical meeting. The presence of a vinyl chloride plume at this site has been difficult to fully explain, as extensive investigations have not located a likely source. Because vinyl chloride can be produced from the breakdown of several parent compounds, the source area may never be identified.

11. ***Appendix A, Laboratory Analytical Data Summary Tables*—**For all monitoring wells for which 1,2-dichloroethene was measured, the total VOC values are reported too high by the specific well value of 1,2-dichloroethene, total. The cause of the erroneous values is that *cis*-1,2-dichloroethene and trans-1,2-dichloroethene were added to the total VOCs as well as total 1,2-dichloroethene. Please correct the table and correct any graphs that are affected. (ED)

    Response—The Navy will review this issue and update the site database accordingly.

Attachment A

Requested Trend Graphs

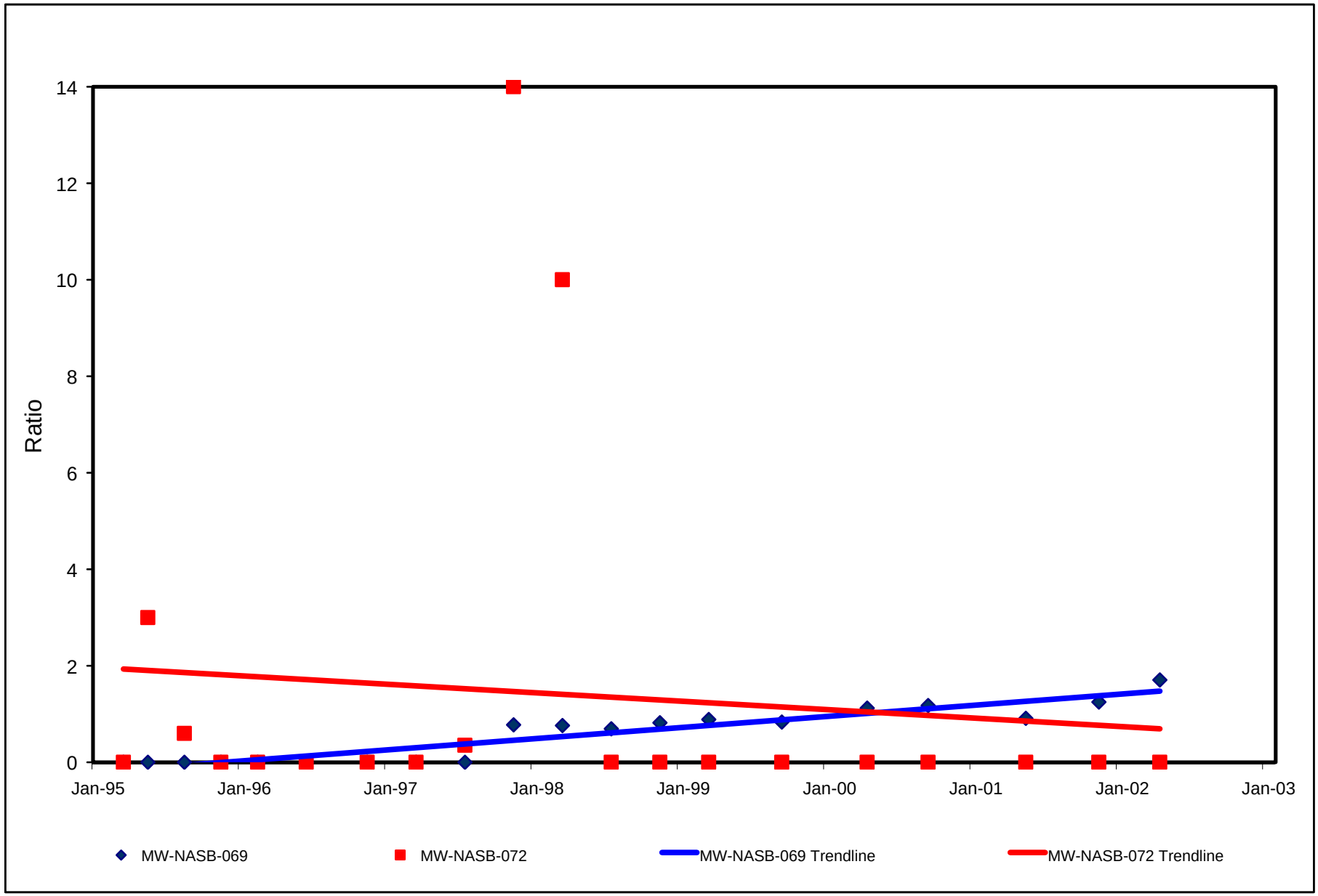


Figure 1. Vinyl chloride/total 1,2-dichloroethene ratio trends for MW-NASB 069 and MW-NASB-072, Monitoring Events 1 through 20.

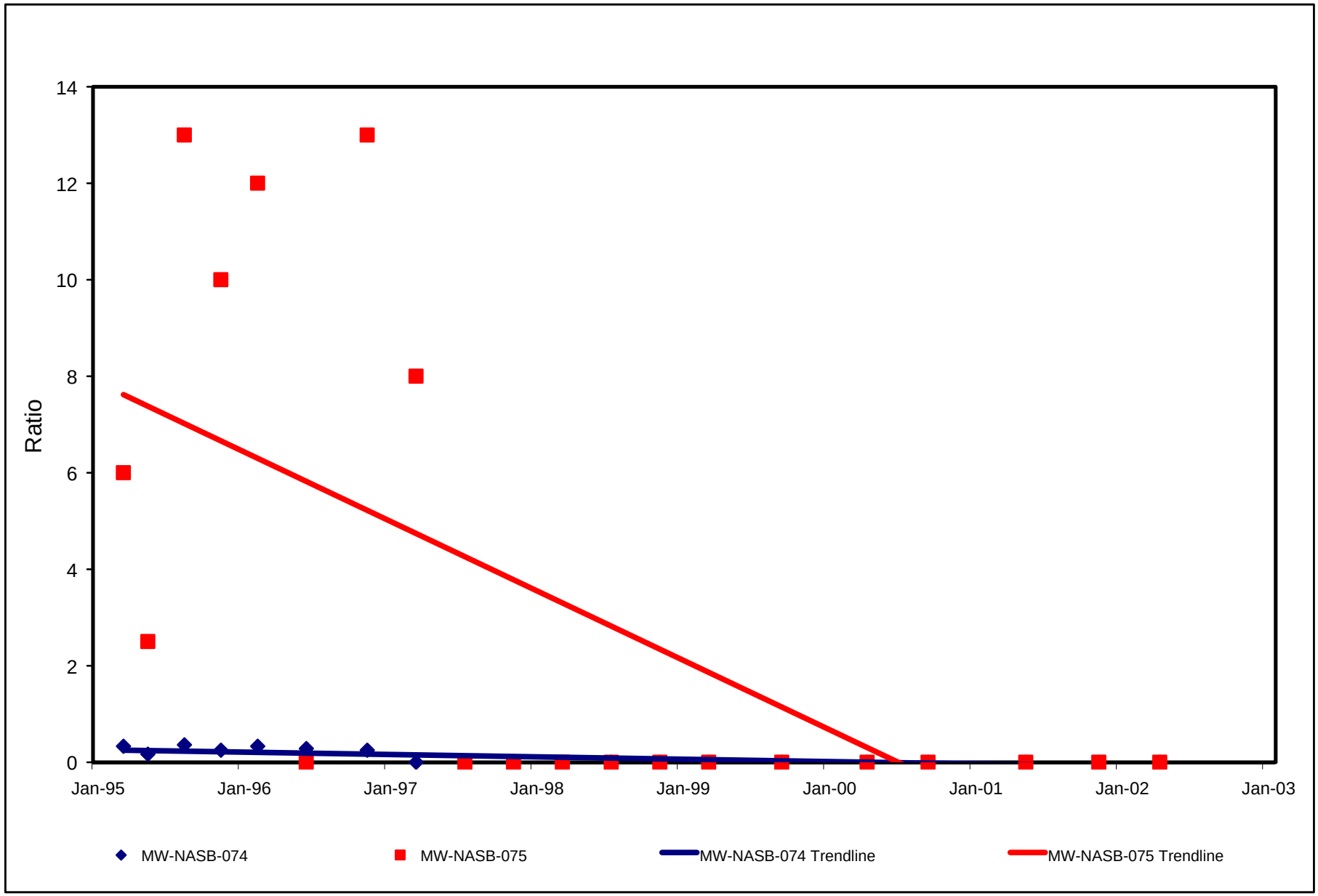


Figure 2. Vinyl chloride/total 1,2-dichloroethene ratio trends for MW-NASB 074 and MW-NASB-075, Monitoring Events 1 through 20.

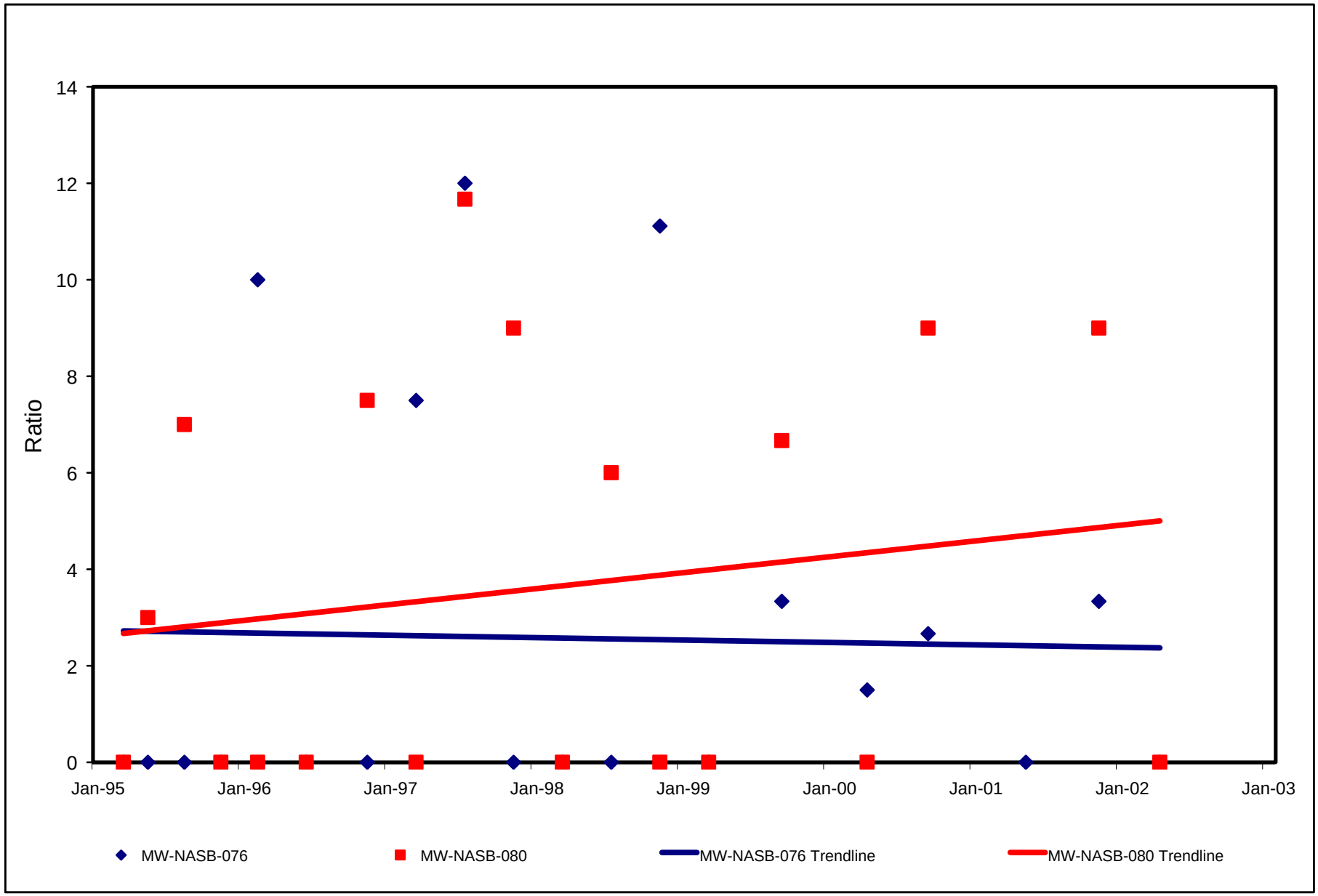


Figure 3. Vinyl chloride/total 1,2-dichloroethene ratio trends for MW-NASB 076 and MW-NASB-080, Monitoring Events 1 through 20.

RESPONSE TO COMMENTS FROM THE
U.S. ENVIRONMENTAL PROTECTION AGENCY ON THE
MONITORING EVENT 20 (APRIL 2002) REPORT FOR SITE 9
NAVAL AIR STATION BRUNSWICK, MAINE

COMMENTOR: Michael S. Barry **DATED: 12 November 2002**

Thank you for the opportunity to review the above report that was submitted by EA Engineering, Science, and Technology on behalf of the Navy on 5 November 2002.

In general, the EPA concurs with the draft reports summaries, conclusions, and findings; our specific comments and/or any issues are attached. The EPA strongly supports the optimization of the Long-Term Monitoring Program (LTMP) at Site 9. We look forward to upcoming discussions on this topic as generally discussed at the 22 October 2002 technical meeting and following that, submission of a formal draft revision 2 to the LTMP by the Navy.

Comment codes:	NR	No specific response required, comment for record or observation
	ED	Editorial comment
	RR	Response requested
	MTG	Recommend comment be discussed at meeting prior to formal response

1. (NR) Section 2.2.2.1, Page 8, Paragraphs 1&2—Concur, please see comment ## below.

- ***(NR) Section 2.2.2.1, Page 8, Paragraph 3***—Same as comment #1 to 2001 Annual Report regarding the source of the 1,2-DCE.

  Response—Comment noted.

- ***(NR) Section 2.2.2.1, Page 8, Paragraph 4***—If the VOC concentration spikes noted are "smoothed out" on a graph of total VOCs added for all wells, the below overall trend is discernable to EPA. A graph of the below is attached to hard copies of this letter; note that to be consistent, only low flow results have been graphed

  a. 1995-1999: level to gentle rise with increasing rise in 1998-1999.
  b. 1999-2000: steep rise
  c. 2000-2001: leveling off
  d. 2001-to date: gentle decrease (note that 4/02 event results have been included)

  Response—Comment noted.

- The VOC concentration "spikes" could be caused by many factors including actions at the NEX as noted. It's interesting to note that if either the two annual events are averaged or if either semi annual event were eliminated the same overall trend would be indicated to EPA.

  Response—Comment noted.

2. ***(NR/MTG) Section 2.2.2.1, Page 8, Paragraph 5***—Concur that the data indicates that MW-69 appears to be the well within the network that solidly "hits" the plume, such as it is at Site 9. It's unclear to EPA if the other wells are detecting much lower VOC concentrations because the plume core isn't there of if the wells are not optimally placed vertically or horizontally. Further optimization of the LTM network may answer this question more definitively. EPA looks forward to discussions about new wells/decommissioning wells which are planned for the coming months.

   Response—Comment noted. This topic can be further discussed at an upcoming TEG team meeting.

3. ***(NR) Section 2.2.2.1, Page 8, Paragraph 6 regarding diffusion samplers***—Same as comment 8.b.

   Response—Comment noted.

4. ***(ED/RR) Section 2.2.2.1, Page 9, MW-69 bullet***—There appears to be a calculation error in Table A-1 which indicates a false rise in total VOCs by counting cis-1,2-DCE twice; as cis-1,2-DCE and within total 1,2-DCE. The trend graphs indicate this as well by showing both vinyl chloride and total 1,2-DCE (the vast majority of which is cis) decreasing, but total VOC's rising.

   Response—This comment was also noted by MEDEP. Table A-1 and the trend graphs have been revised in the Final Monitoring Event 20 Report.

5. ***(NR) Section 2.2.2.1, Page 9, MW-227 Bullet***—Results noted, same comment regarding the source of the VOCs in MW-227 as in comment #2 to the 2001 Draft Annual Report.

   Response—Comment noted.

6. ***Section 3, Page 12, Recommendations***

   a. ***(RR/MTG) Bullet 1***—Concur with continuing long-term monitoring and assessing natural attenuation. Per EPA's understanding, the most recent final Long-Term Monitoring Plan is the original one, dated August 1999. A draft Revision 1 dated July 2001 was submitted and commented on by EPA and MEDEP, but has not yet been finalized. There were some issues with wording in the Long-Term Monitoring Plan, however, it seems that at the time, the parties concurred on sampling points, analyses, etc. EPA has no overriding preference in either finalizing Revision 1 or waiting until the Long-Term Monitoring Plan is optimized and reviewing a draft Revision 2 to the Long-Term Monitoring Plan. What is the Navy's intention? Please see Comment No. 6 to the Draft 2001 Annual Report re-grading Long-Term Monitoring Plan optimization in general.

Response—The Navy is planning to revise the Long-Term Monitoring Plan for Site 9 in Spring 2003. This Long-Term Monitoring Plan optimization for Site 9 and changes to the Plan should be discussed at an upcoming Technical Meeting.

b. ***(NR/MTG) Bullet 2***—Concur. EPA looks forward to reviewing a formal proposal to shift to diffusion samplers; we highly recommend this be discussed at a technical meeting prior to the Navy submitting a draft proposal so as to ensure all requirements are met yet minimize administrative burden and comments/response required.

   Response—Comment noted. The Navy is looking forward to having the opportunity to discuss the proposal to shift to diffusion sampling at Site 9. This topic will be discussed at the next scheduled Technical Meeting.

c. ***(NR) Bullets 3 and 4***—Concur without comment.

   Response—No response required.

Appendix B

Laboratory Analytical Data Summary Tables

TABLE B-1 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM SITE 9 BETWEEN 3 APRIL AND 8 APRIL 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			MW-NASB-021		MW-NASB-022			
			Diffusion Sample		Diffusion Sample			Ground Water
			Deep Diffusion Sample	Shallow Diffusion Sample	Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**						
Total VOC	NC	NC	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	70	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Acetone	NC	NC	(<10U)	(<10U)	2.8J	(<10U)	(<10U)	(<10U)
cis-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Ethylbenzene	700	700	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methyl tert-butyl ether	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Tetrachloroethene	3	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Toluene	1,400	1,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
trans-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Trichloroethene	5	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

			MW-NASB-069				MW-NASB-069 (Dup)		
			Diffusion Sample			Ground Water	Diffusion Sample		Ground Water
			Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**							
Total VOC	NC	NC	117.4	99.1	22.5	94.96	99.1	20.8	88.85
1,1-Dichloroethane	70	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,2-Dichloroethene, Total	70	70	43.4	42.1	13	39.96	42.1	12	37.85
Acetone	NC	NC	(<10U)	(<10U)	3.2J	(<10U)	(<10U)	(<10U)	(<10U)
cis-1,2-Dichloroethene	NC	NC	42	41	13	39	41	12	37
Ethylbenzene	700	700	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methyl tert-butyl ether	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Tetrachloroethene	3	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Toluene	1,400	1,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
trans-1,2-Dichloroethene	NC	NC	1.4J	1.1J	(<2U)	0.96J	1.1J	(<2U)	0.85J
Trichloroethene	5	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Vinyl Chloride	0.15	2	**74**	**57**	**9.5**	**55**	**57**	**8.8**	**51**
Xylenes, Total	600	10,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

TABLE B-1 (CONTINUED)

			MW-NASB-071				MW-NASB-072		
			Diffusion Sample			Ground Water	Diffusion Sample		Ground Water
			Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample	Deep Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**							
Total VOC	NC	NC	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	70	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Acetone	NC	NC	2.7J	2.7J	(<10U)	(<10U)	(<10U)	4J	(<10U)
cis-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Ethylbenzene	700	700	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methyl tert-butyl ether	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Tetrachloroethene	3	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Toluene	1,400	1,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
trans-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Trichloroethene	5	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

			MW-NASB-074				MW-NASB-075			
			Diffusion Sample			Ground Water	Diffusion Sample			Ground Water
			Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample	Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**								
Total VOC	NC	NC	3.5	3.4	3.3	5.3	ND	ND	ND	ND
1,1-Dichloroethane	70	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,2-Dichloroethene, Total	70	70	2	2	2	2.4	(<2U)	(<2U)	(<2U)	(<2U)
Acetone	NC	NC	2.5J	(<10U)	(<10U)	(<10U)	2.8J	3.1J	2.7J	(<10U)
cis-1,2-Dichloroethene	NC	NC	2	2	2J	2.4	(<2U)	(<2U)	(<2U)	(<2U)
Ethylbenzene	700	700	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methyl tert-butyl ether	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Tetrachloroethene	3	5	(<2U)	(<2U)	(<2U)	0.5J	(<2U)	(<2U)	(<2U)	(<2U)
Toluene	1,400	1,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
trans-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Trichloroethene	5	5	1.5J	1.4J	1.3J	2.4	(<2U)	(<2U)	(<2U)	(<2U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

TABLE B-1 (CONTINUED)

			MW-NASB-076				MW-NASB-076 (Dup)		
			Diffusion Sample			Ground Water	Diffusion Sample		Ground Water
			Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample	Deep Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**							
Total VOC	NC	NC	ND	ND	ND	0.99	ND	ND	1.1
1,1-Dichloroethane	70	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Acetone	NC	NC	2.5J	2.8J	2.8J	(<10U)	3J	2.6J	(<10U)
cis-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Ethylbenzene	700	700	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methyl tert-butyl ether	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Tetrachloroethene	3	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Toluene	1,400	1,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
trans-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Trichloroethene	5	5	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	**0.99J**	(<2U)	(<2U)	**1.1J**
Xylenes, Total	600	10,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

			MW-NASB-080				MW-NASB-227			
			Diffusion Sample			Ground Water	Diffusion Sample			Ground Water
			Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample	Deep Diffusion Sample	Mid-Depth Diffusion Sample	Shallow Diffusion Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**								
Total VOC	NC	NC	ND	ND	ND	0.67	5.87	5.73	5.31	5.68
1,1-Dichloroethane	70	NC	(<2U)	(<2U)	(<2U)	0.67J	(<2U)	(<2U)	(<2U)	(<2U)
1,2-Dichloroethene, Total	70	70	(<2U)	(<2U)	(<2U)	(<2U)	2	2.2	2	2.1
Acetone	NC	NC	(<10U)	(<10U)	(<10U)	(<10U)	(<10U)	(<10U)	(<10U)	(<10U)
cis-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	2J	2.2	2	2.1
Ethylbenzene	700	700	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Methyl tert-butyl ether	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	0.71J	(<2U)
Tetrachloroethene	3	5	(<2U)	(<2U)	(<2U)	(<2U)	0.77J	0.63J	(<2U)	0.58J
Toluene	1,400	1,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
trans-1,2-Dichloroethene	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Trichloroethene	5	5	(<2U)	(<2U)	(<2U)	(<2U)	3.1	2.9	2.6	3
Vinyl Chloride	0.15	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Xylenes, Total	600	10,000	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

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:
MW = Monitoring well.
NASB = Naval Air Station Brunswick.
DUP = Duplicate sample.
Units are micrograms per liter (µg/L).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOCs detected in the Trip Blank or Method Blank
U = Not detected. Sample quantitation limits are shown as (<____U).
J = Estimated concentration.
ND = Not detected.
Only those analytes detected in at least one of the samples, and contaminants of concern listed in the current Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE B-2 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM SITE 9 BETWEEN 3 APRIL AND 8 APRIL 2002
SEMIVOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8270C

			MW-NASB-069	MW-NASB-069 (Dup)	MW-NASB-070	MW-NASB-079
			Ground Water	Ground Water	Ground Water	Ground Water
			Low-Flow Sample	Low-Flow Sample	Low-Flow Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**				

(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.

MW = Monitoring well.
NASB = Naval Air Station Brunswick.

NO SVOC DETECTED

TABLE B-3 SUMMARY OF GROUND-WATER SAMPLES COLLECTED FROM SITE 9 BETWEEN 3 APRIL AND 8 APRIL 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			MW-NASB-069	MW-NASB-069 (Dup)	MW-NASB-070	MW-NASB-079
			Ground Water	Ground Water	Ground Water	Ground Water
			Low-Flow Sample	Low-Flow Sample	Low-Flow Sample	Low-Flow Sample
Compound/Element	**MEG (a)**	**MCL (b)**				
Aluminum	1,430	200	52J	52J	(<200U)	86J
Antimony	2.8	6	**6.3J**	**6.9J**	(<20U)	(<20U)
Arsenic	NC	50	(<5U)	(<5U)	(<5U)	2.6J
Barium	1,500	2,000	(<200U)	(<200U)	(<200U)	270
Cadmium	5	5	(<5U)	(<5U)	(<5U)	(<5U)
Calcium	NC	NC	5,700	5,600	8,000	26,000
Chromium	100	100	(<10U)	(<10U)	(<10U)	(<10U)
Iron	NC	300	290	270	(<100U)	**22,000**
Magnesium	NC	NC	2,700	2,700	970J	2,100J
Manganese	200	50	**390**	**390**	**330**	**120**
Potassium	NC	NC	1,800J	1,900J	920J	3,600
Sodium	NC	NC	56,000	56,000	9,700	7,800
Zinc	NC	5,000	12J	14J	(<20U)	(<20U)

(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:
MW = Monitoring well.
NASB = Naval Air Station Brunswick.
Units are micrograms per liter (µg/L).
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 current Long-Term Monitoring Plan (EA 1999b), are shown on this table.
Concentrations highlighted with gray and bold type denote exceedance of MEG or MCL.

TABLE B-4 SUMMARY OF SURFACE WATER SAMPLES COLLECTED FROM SITE 9 ON 8 APRIL 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SW-010
			Surface water
			Grab Sample
Compound/Element	SWQC (a)	NWQC (b)	
Total VOC	NC	NC	ND
Vinyl Chloride	NC	NC	(<2U)

(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).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOCs detected in the Trip Blank or Method Blank
SW = Surface water sample.
U = Not detected. Sample quantitation limits are shown as (<____U).
Only those compounds detected in at least one of the samples and vinyl chloride are shown on this table.

TABLE B-5 SUMMARY OF LEACHATE STATION SEEP SAMPLES COLLECTED FROM SITE 9 ON 8 APRIL 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			LT-901	LT-901 (Dup)
			Leachate	Leachate
			Grab Sample	Grab Sample
Compound/Element	**MEG (a)**	**MCL (b)**		
Total VOC	NC	NC	0.94	1
4-Isopropyltoluene	NC	NC	0.94J	1J
Vinyl Chloride	NC	NC	(<2U)	(<2U)

(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).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOCs detected in the Trip Blank or Method Blank.
LT = Leachate sample.
DUP = Duplicate sample.
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 vinyl chloride are shown on this table.

TABLE B-6 SUMMARY OF SEDIMENT SAMPLES COLLECTED FROM SITE 9 BETWEEN 8 APRIL AND 30 APRIL 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			SED-10	SED-10 (Dup)
			Sediment	Sediment
			Grab Sample	Grab Sample
Compound/Element	**MEG (a)**	**MCL (b)**		
Total VOC	NC	NC	19	26
Methyl tert-butyl ether	NC	NC	19J	26J
Vinyl Chloride	NC	NC	(<35U)	(<43U)

(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).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOCs detected in the Trip Blank or Method Blank.
SED = Sediment sample.
DUP = Duplicate sample.
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-7 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM SITE 9 BETWEEN 3 APRIL AND 30 APRIL 2002
VOLATILE ORGANIC COMPOUNDS BY U.S. ENVIRONMENTAL PROTECTION AGENCY METHOD 8260B

			EP-QS-5	QD-001	QT-03	QT-04	QT-06	S9-QS-001	S9-QS-002	S9-QS-005
			Rinsate Blank	Source Water Blank	Trip Blank	Trip Blank	Trip Blank	Rinsate Blank	Rinsate Blank	Rinsate Blank
Compound/Element	**MEG (a)**	**MCL (b)**								
Total VOC	NC	NC	5.6	0.7	ND	ND	ND	0.6	0.59	ND
Acetone	NC	NC	(<5U)	(<5U)	(<10U)	(<10U)	2.7J	(<10U)	2.6J	(<10U)
Benzene	NC	NC	2	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Bromodichloromethane	NC	NC	0.8J	(<1U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloroform	NC	NC	0.8J	0.7J	(<2U)	(<2U)	(<2U)	0.6J	0.59J	(<2U)
Methylene Chloride	NC	NC	0.6JB	1B	(<5U)	2.9J	(<5U)	(<5U)	(<5U)	(<5U)
Toluene	NC	NC	2	(<1U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Vinyl Chloride	NC	NC	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)

(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).
Total VOC calculation does not include common laboratory contaminants (Acetone or Methylene Chloride) or VOCs detected in the Trip Blank or Method Blank.
EP = Eastern Plume.
QT = Trip blank.
QS = Equipment rinsate blank.
QD =Source water blank.
U = Not detected. Sample quantitation limits are shown as (<___U).
J = Estimated concentration.
B = Compound detected in associated method blank.
ND = Not detected.
Only those analytes detected in at least one of the samples and vinyl chloride are shown on this table.

TABLE B-8 SUMMARY OF QUALITY CONTROL SAMPLES COLLECTED FROM SITE 9 BETWEEN 3 APRIL AND 30 APRIL 2002
TARGET ANALYTE LIST ELEMENTS BY U.S. ENVIRONMENTAL PROTECTION AGENCY 6000/7000 SERIES METHODS

			QD-001
			Source Water Blank
Compound/Element	**MEG (a)**	**MCL (b)**	
Aluminum	NC	NC	52.4B*
Chromium	NC	NC	1.2B*
Manganese	NC	NC	0.2B*
Sodium	NC	NC	25.2B*

(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).
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 current Long-Term Monitoring Plan (EA 1999b), are shown on this table.

Appendix C

Temporal Trend Graphs

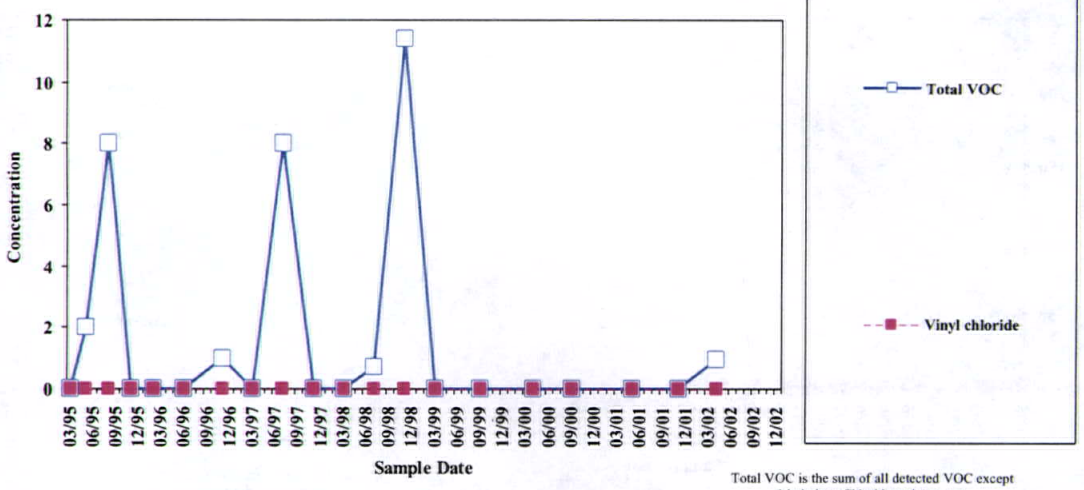
Sample Location:

LT-901

Site 9

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 and Acetone.

Sample concentration units: µg/L

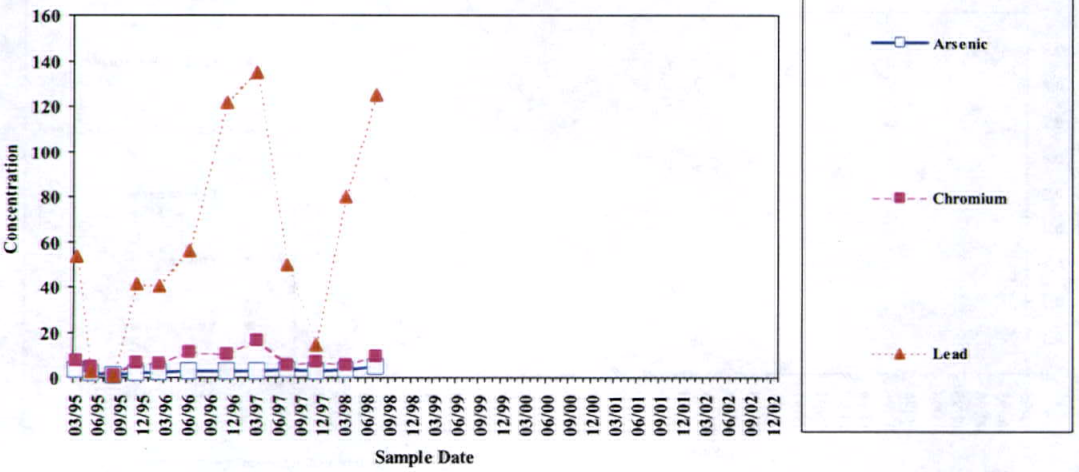
Sample Location:

LT-901

Site 9

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

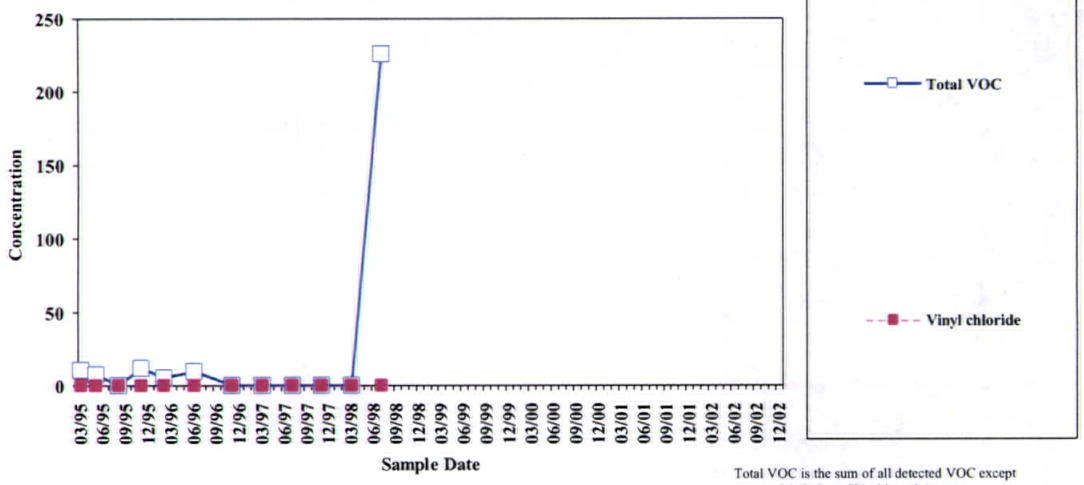
Sample Location:

LT-901

Site 9

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 and Acetone.

Sample concentration units: µg/Kg

Sample Location:

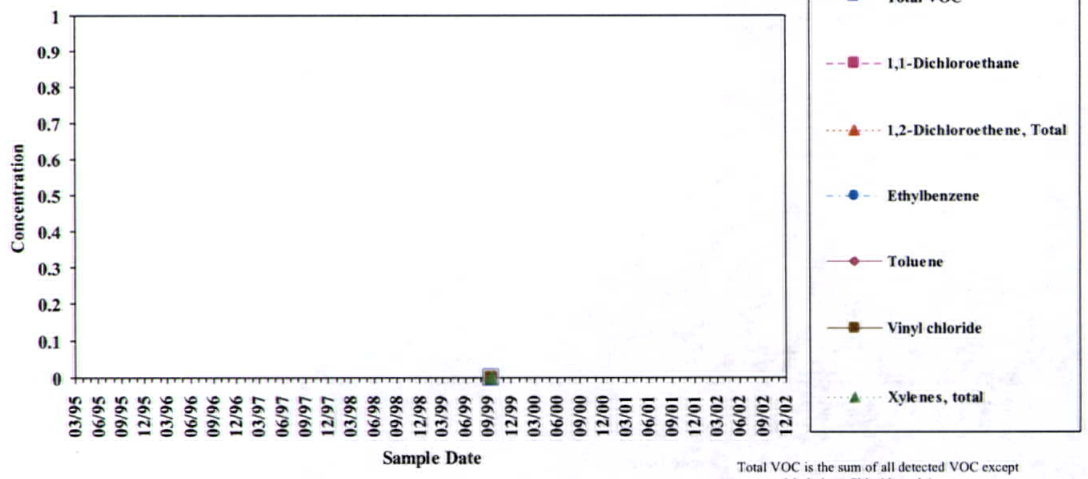
MW-NASB-008

Low-flow Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

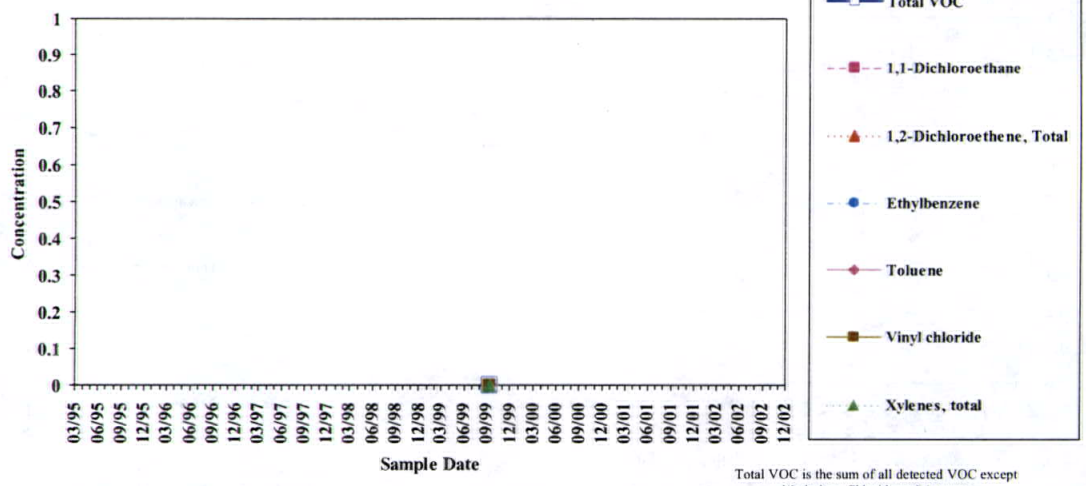
Sample Location:

MW-NASB-009

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

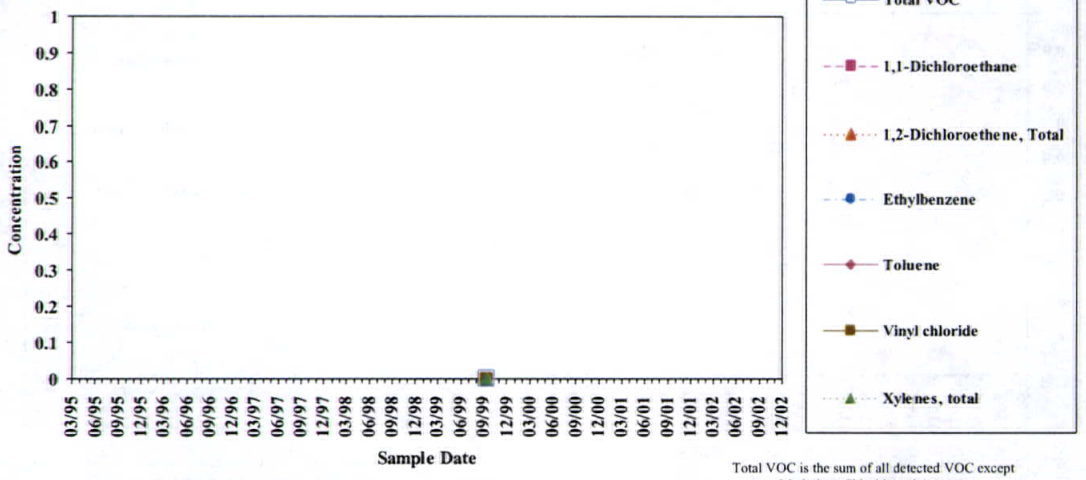
Sample Location:

MW-NASB-010

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

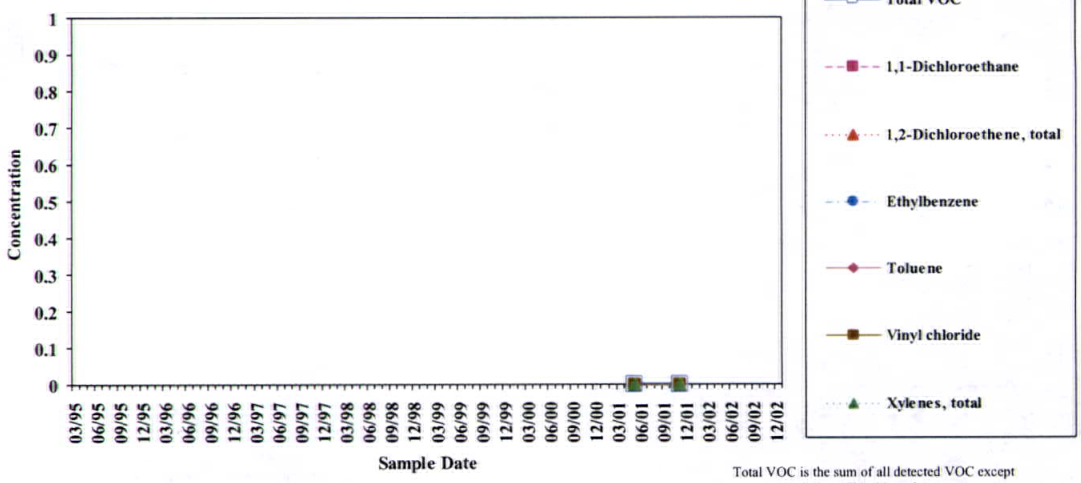
MW-NASB-021

Low-flow Sample

Site 9

Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

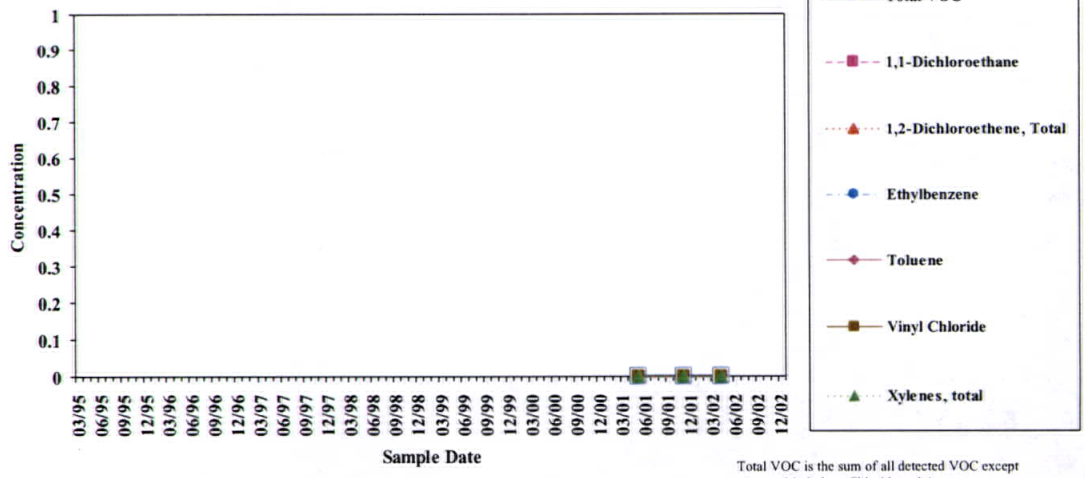
MW-NASB-021

Shallow Diffusion Sample

Site 9

Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

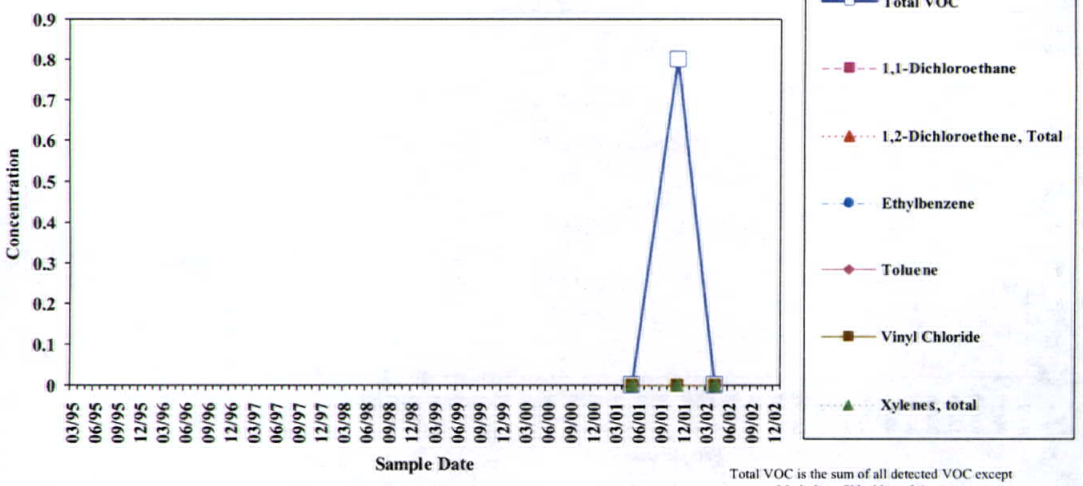
Sample Location:

MW-NASB-021

Deep Diffusion Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

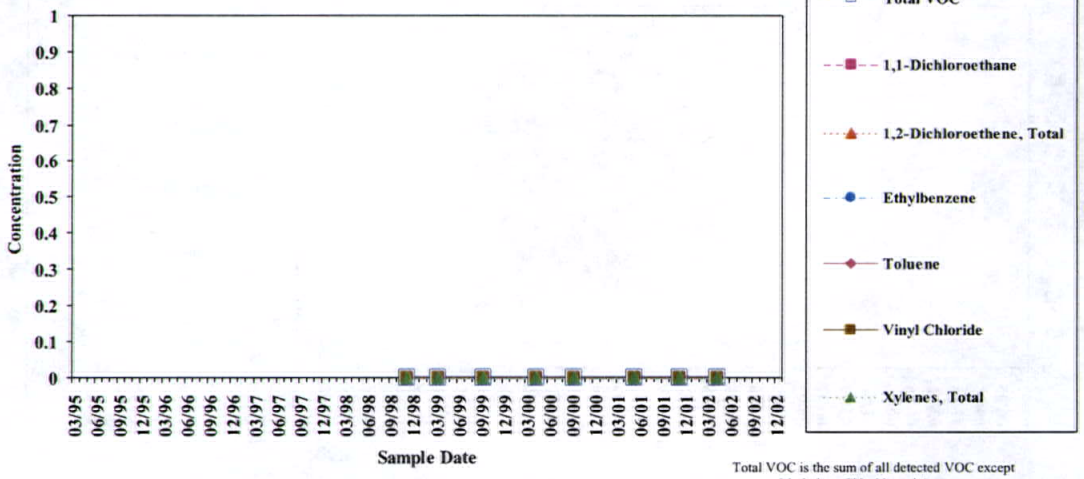
Sample Location:

MW-NASB-022

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

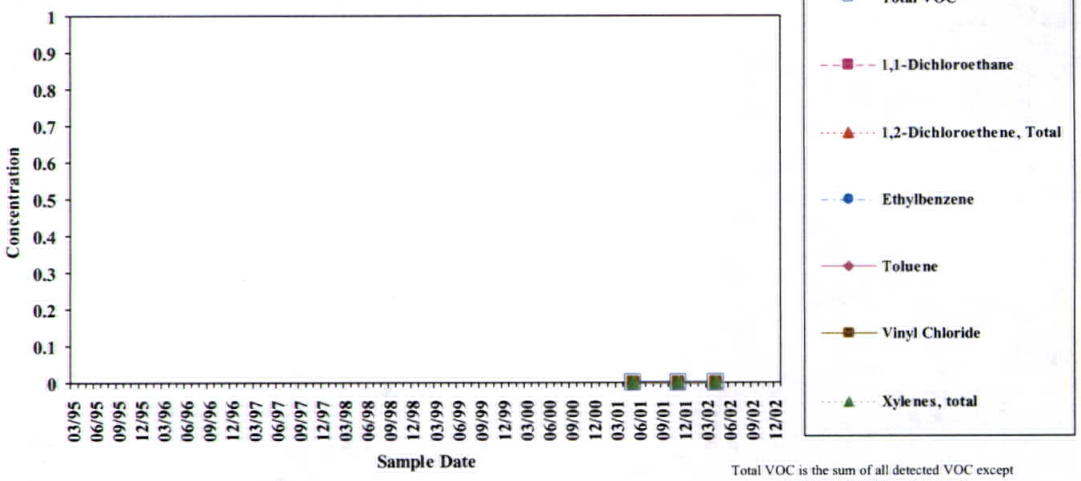
MW-NASB-022

Shallow Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Figure 11 of 77

Sample Location:

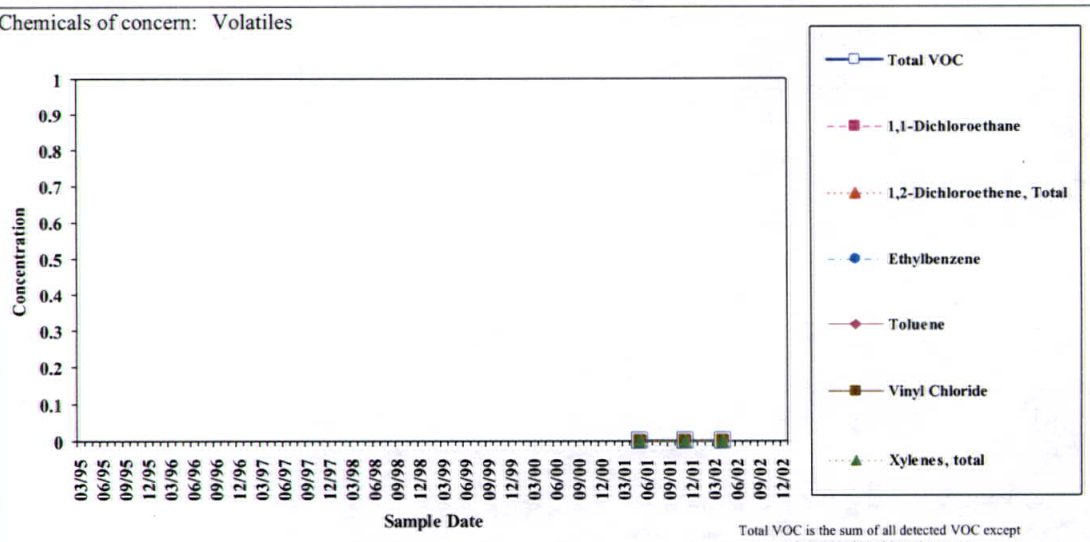
MW-NASB-022

Mid-depth Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Figure 12 of 77

Sample Location:

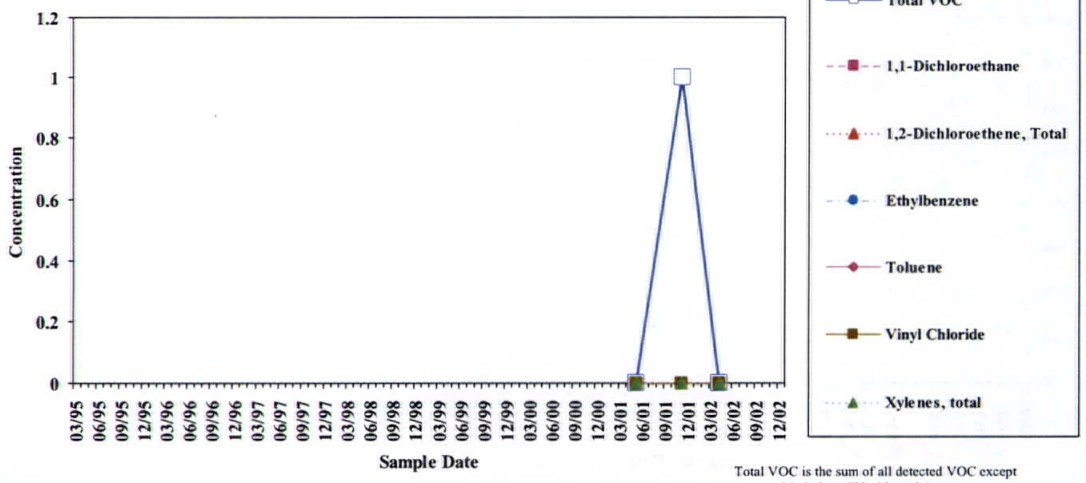
MW-NASB-022

Deep Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

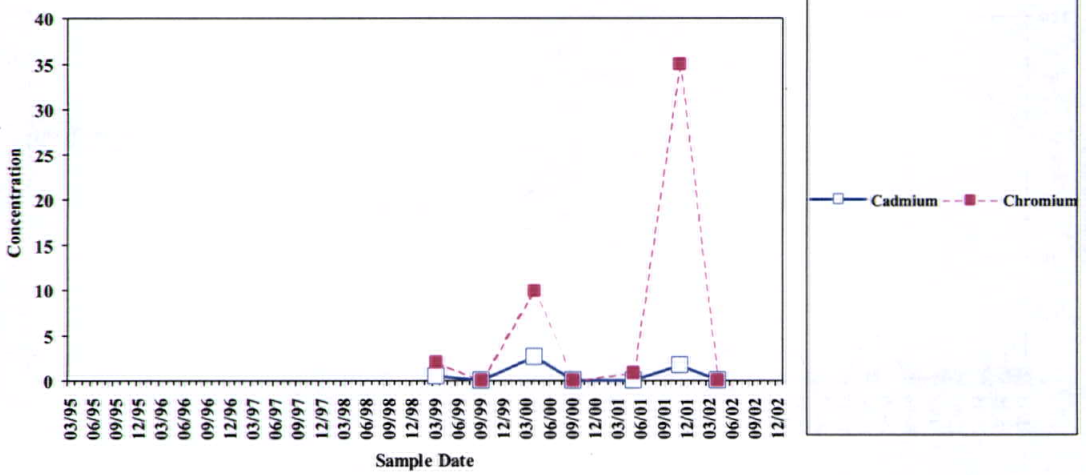
MW-NASB-069

Low-flow Sample

Site 9

Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

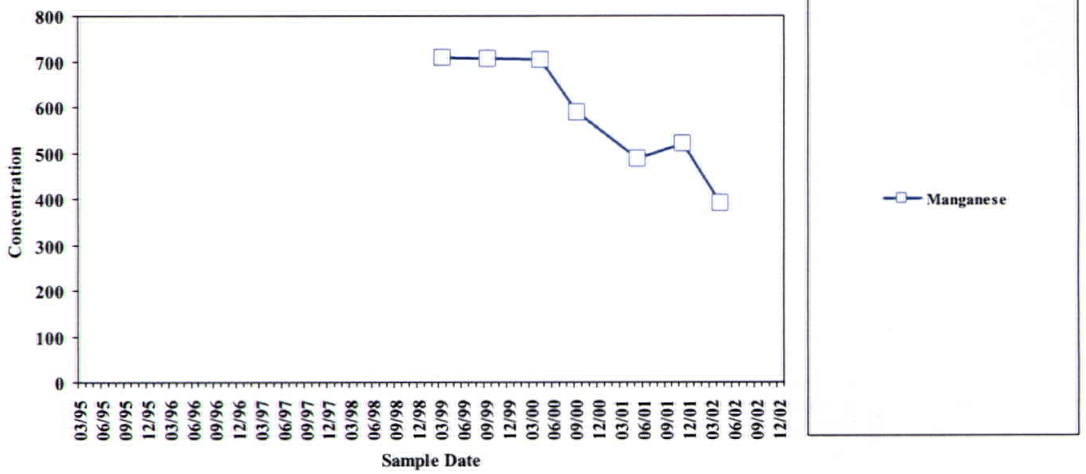
Sample Location:

MW-NASB-069

Low-flow Sample

Site 9
Ground 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

Manganese	
MEG:	200
MCL:	50

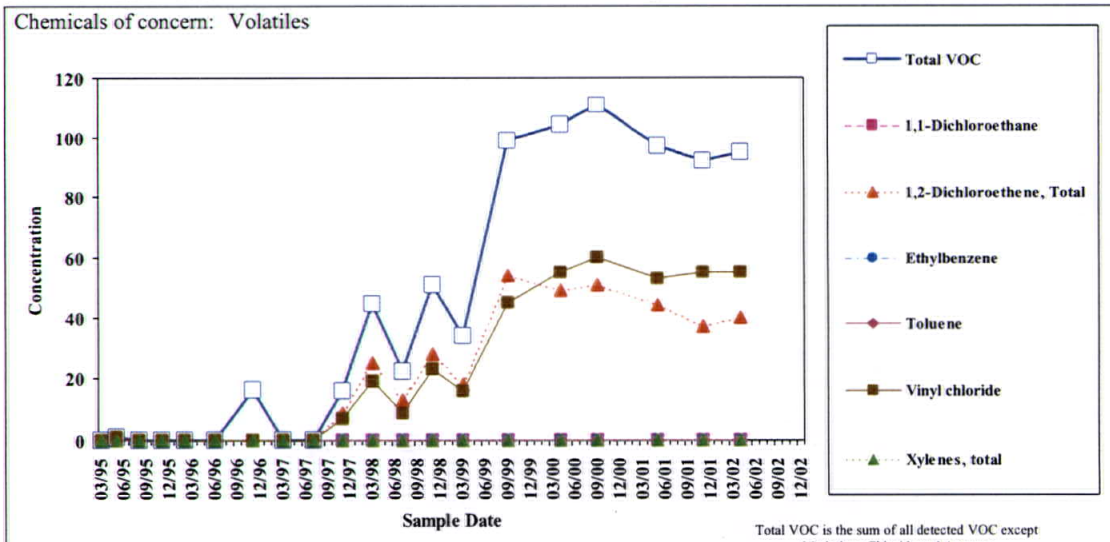
Sample Location:

MW-NASB-069

Low-flow Sample

Site 9
Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

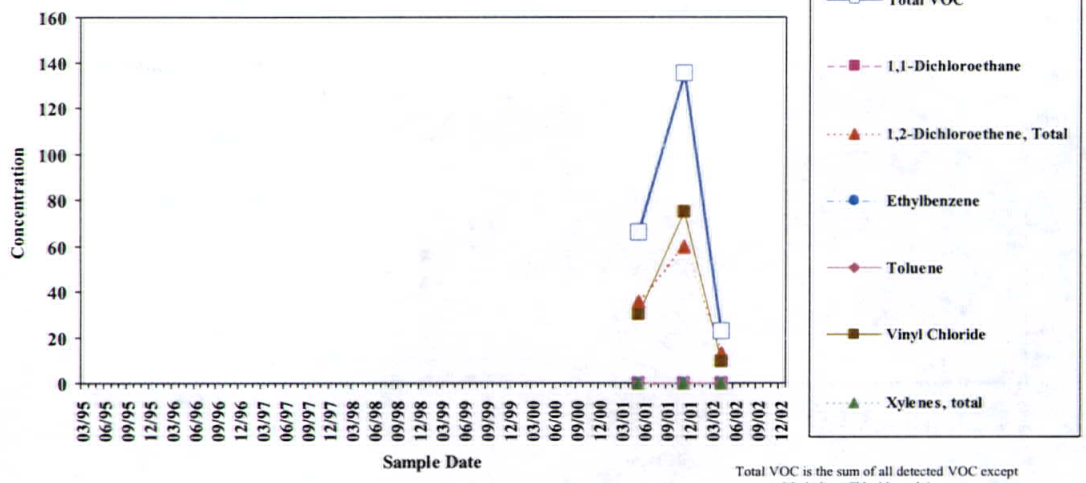
MW-NASB-069

Shallow Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

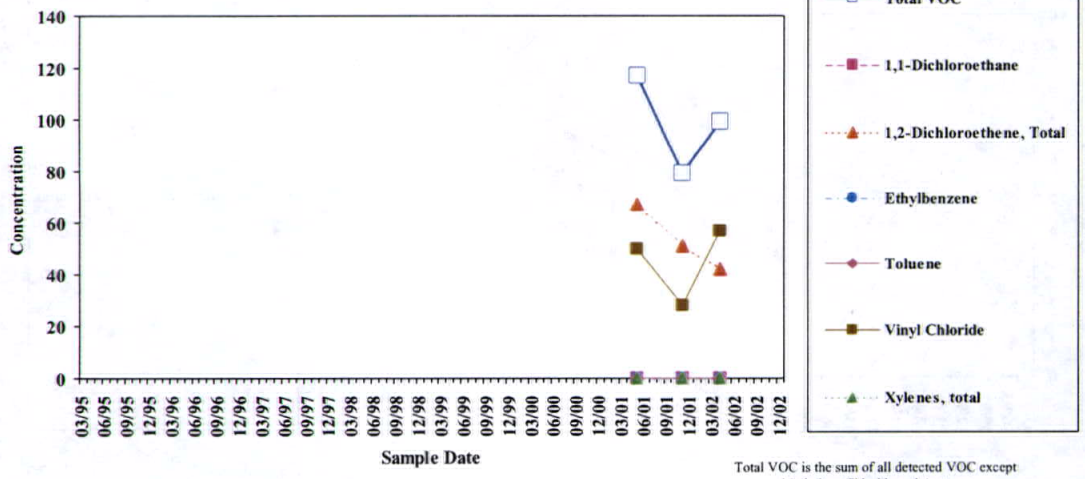
MW-NASB-069

Mid-depth Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

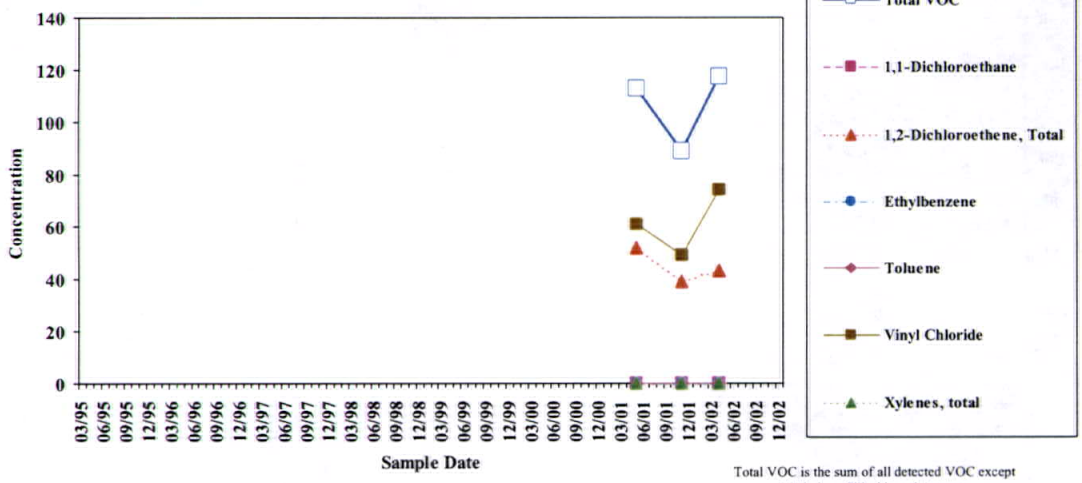
Sample Location:

MW-NASB-069

Deep Diffusion Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

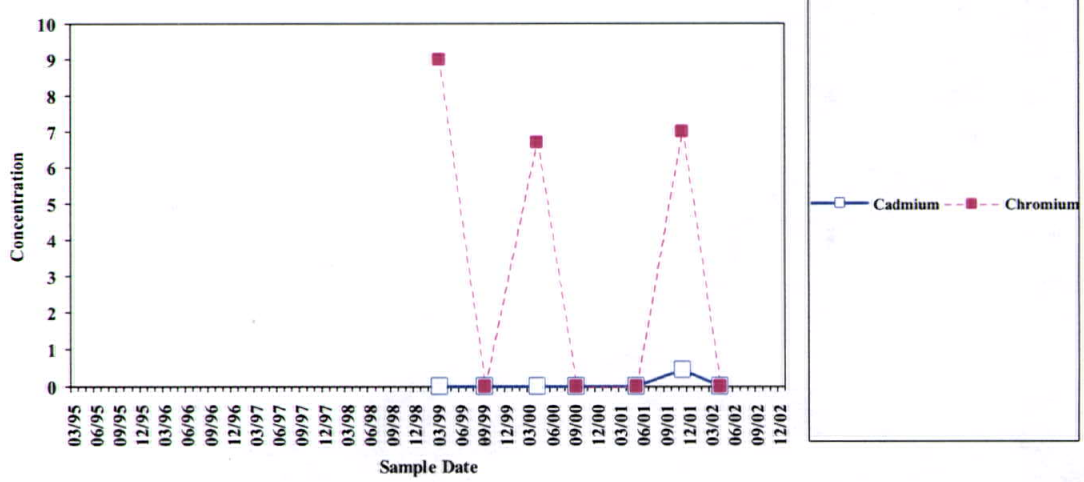
Sample Location:

MW-NASB-070

Low-flow Sample

Site 9
Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

Sample Location:

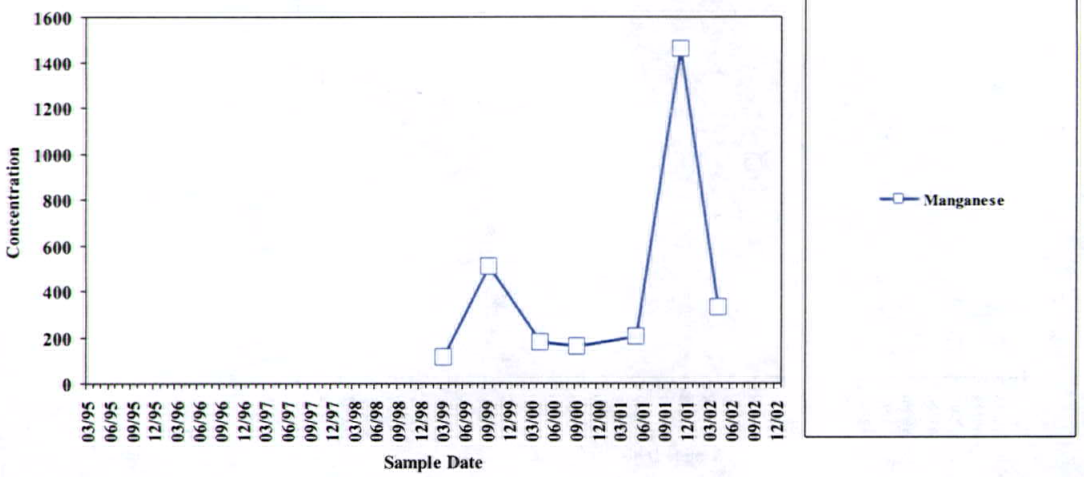
MW-NASB-070

Low-flow Sample

Site 9

Ground 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

Manganese	
MEG:	200
MCL:	50

Sample Location:

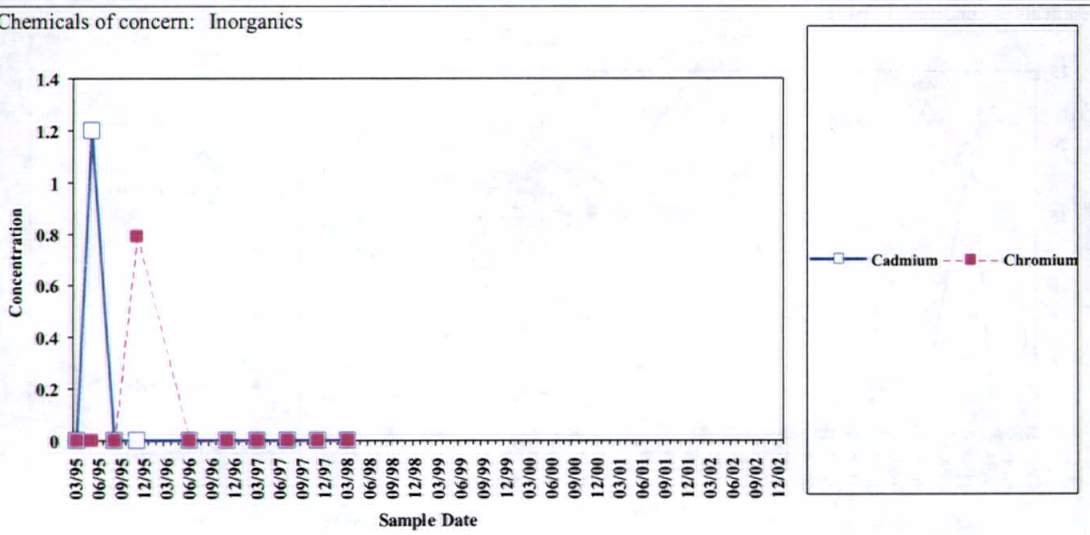
MW-NASB-071

Low-flow Sample

Site 9

Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

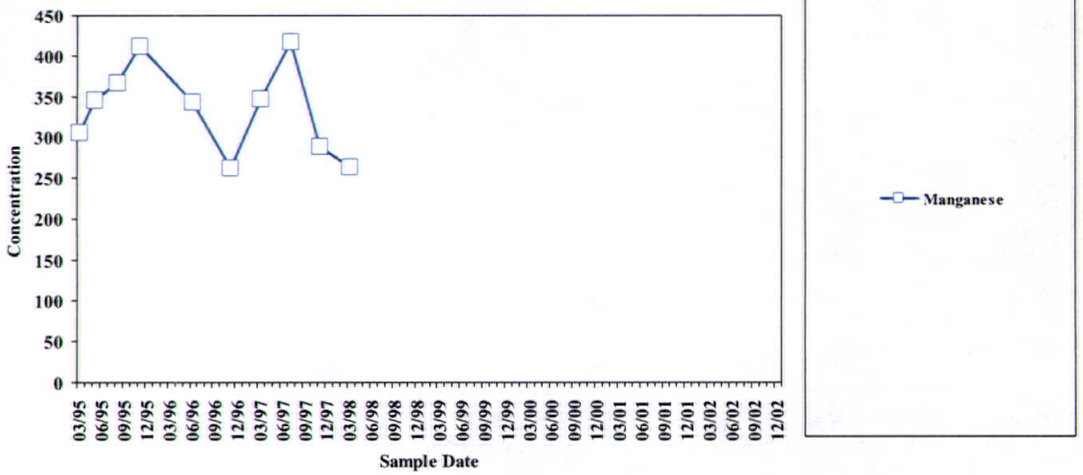
Sample Location:

MW-NASB-071

Low-flow Sample

Site 9
Ground 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

Manganese	
MEG:	200
MCL:	50

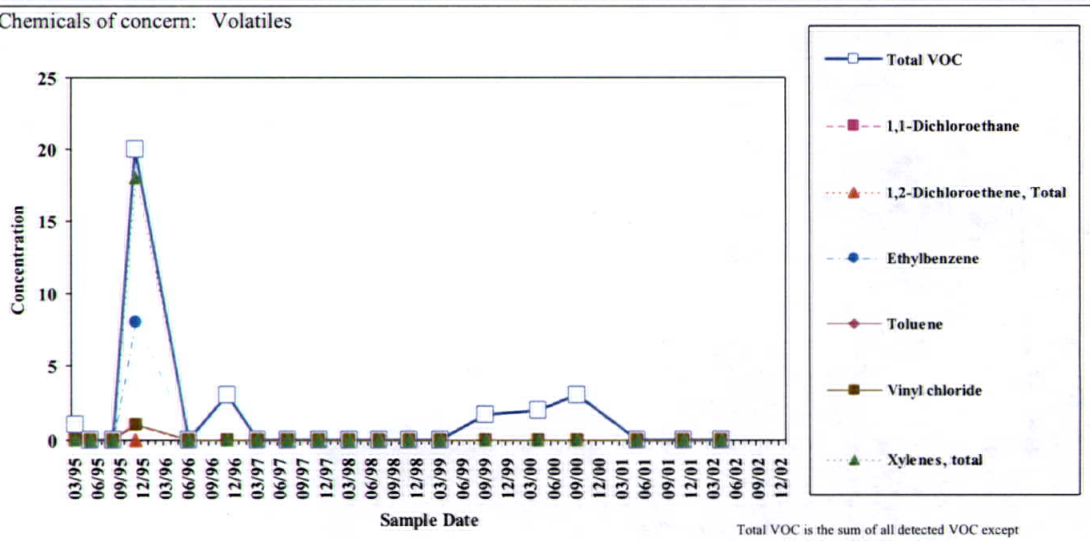
Sample Location:

MW-NASB-071

Low-flow Sample

Site 9
Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

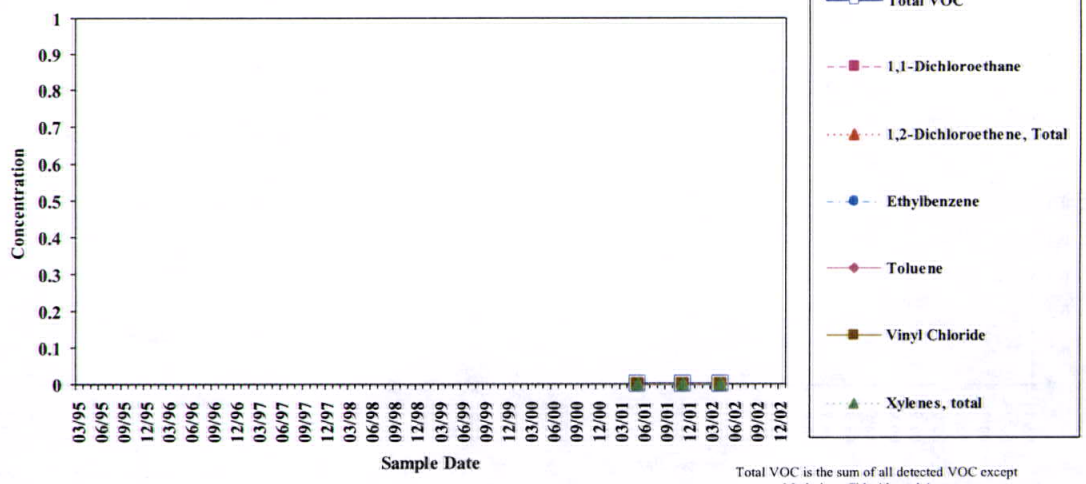
MW-NASB-071

Shallow Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

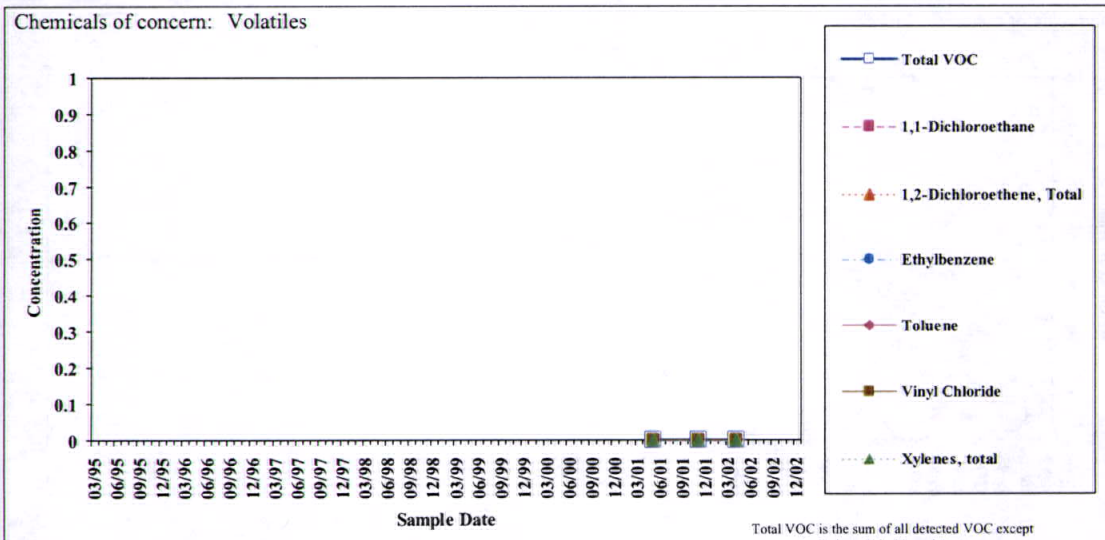
MW-NASB-071

Mid-depth Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

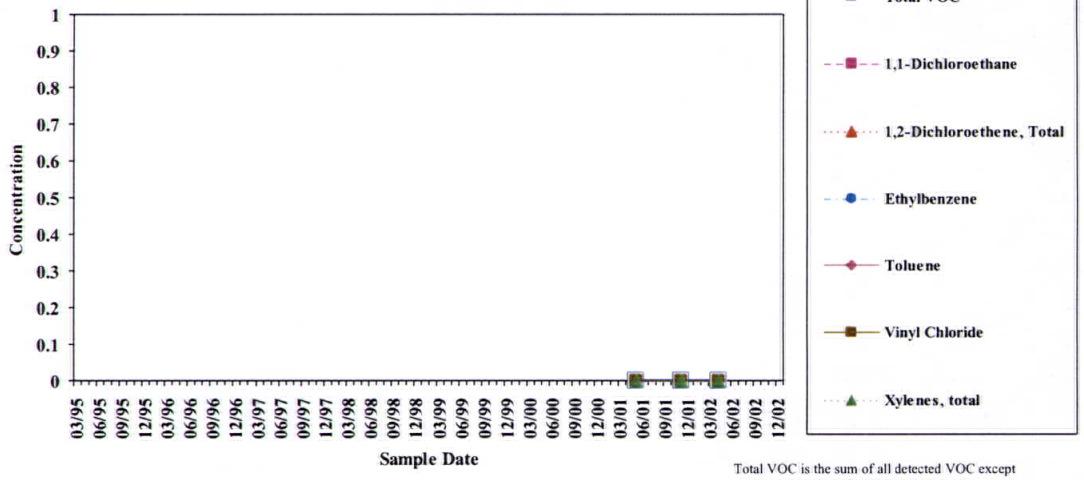
MW-NASB-071

Deep Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

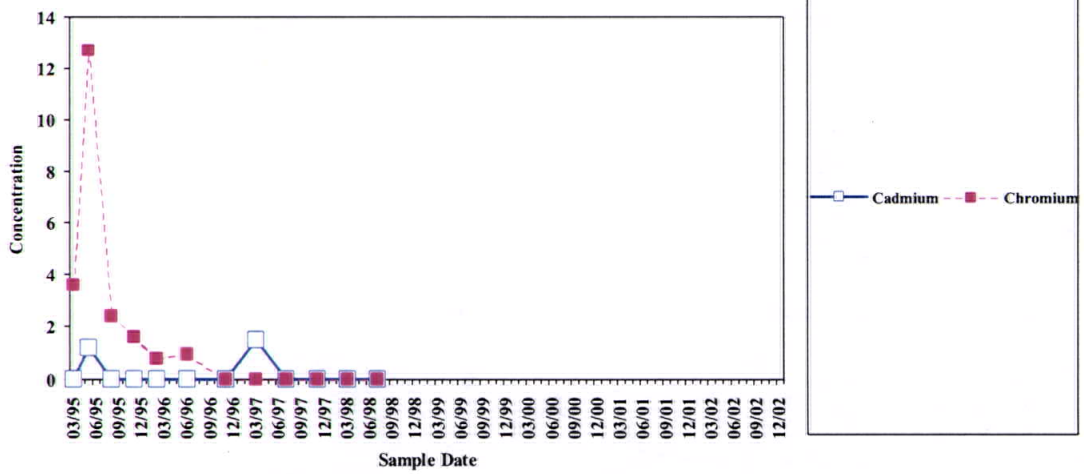
MW-NASB-072

Low-flow Sample

Site 9

Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

Sample Location:

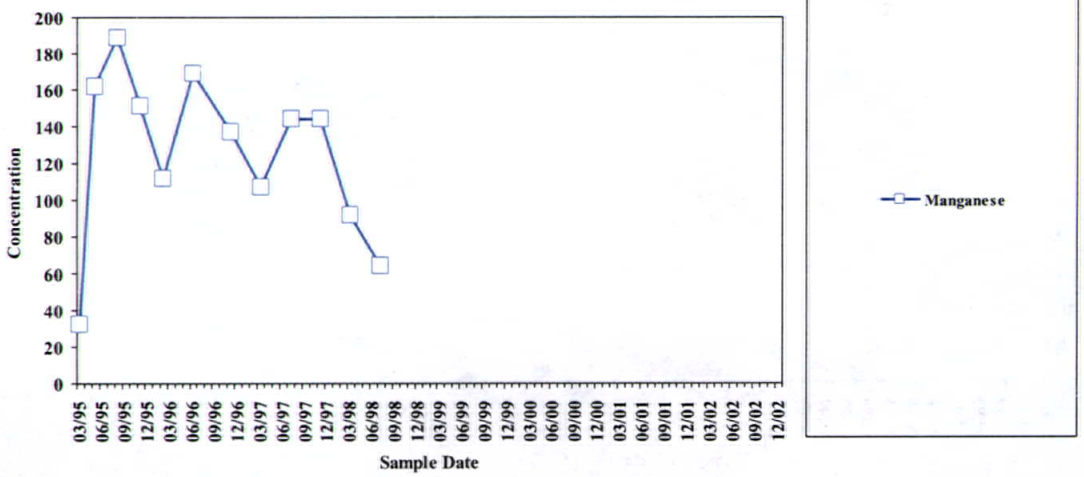
MW-NASB-072

Low-flow Sample

Site 9

Ground 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

Manganese	
MEG:	200
MCL:	50

Sample Location:

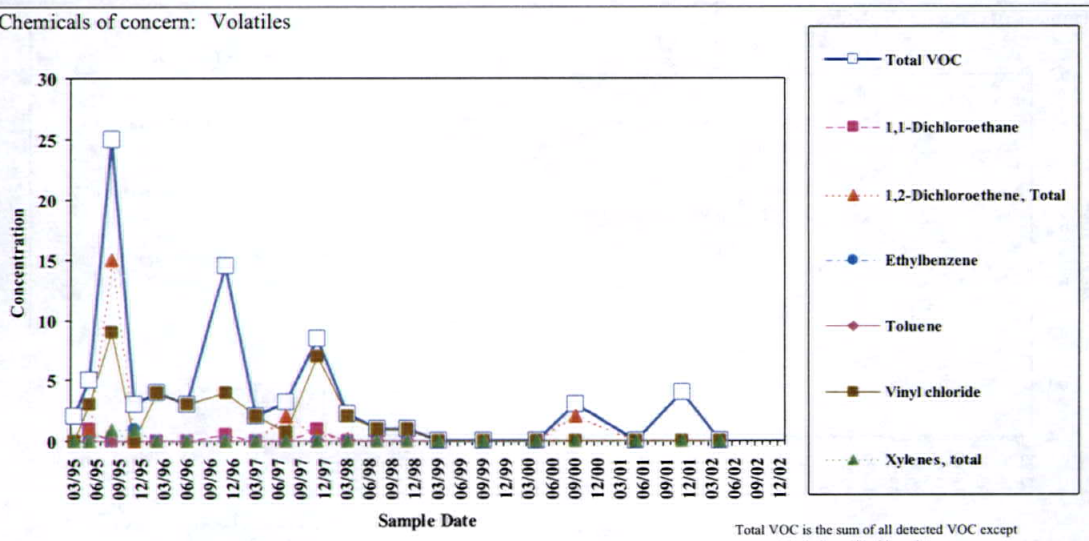
MW-NASB-072

Low-flow Sample

Site 9

Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

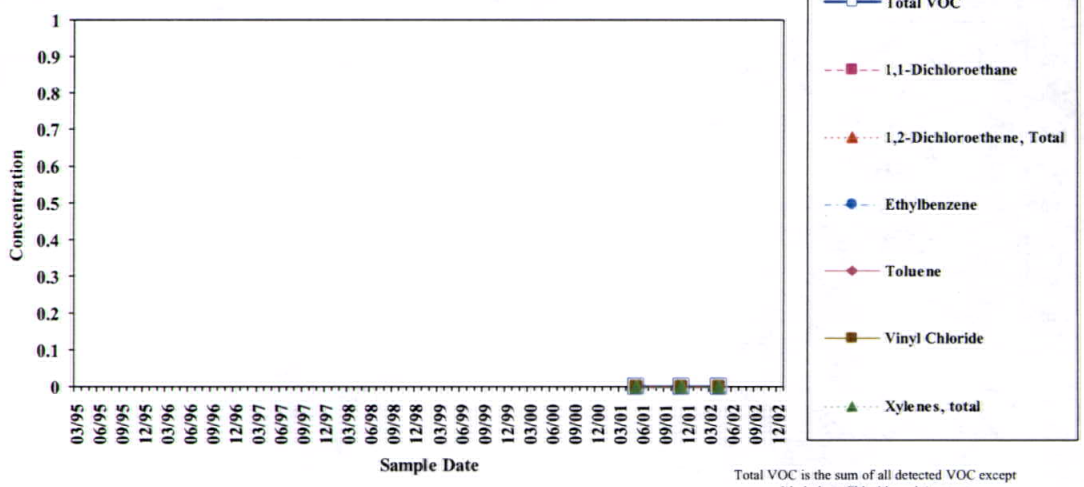
Sample Location:

MW-NASB-072

Shallow Diffusion Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

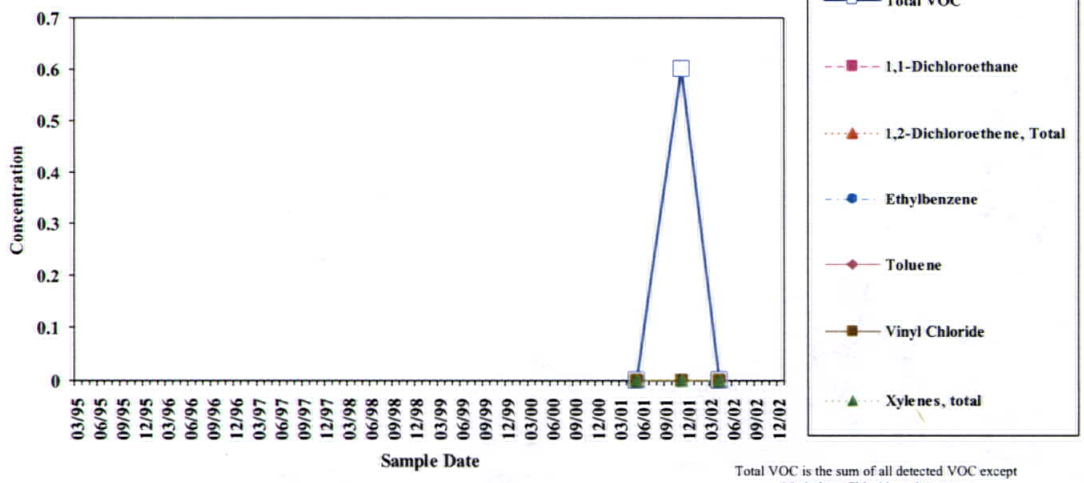
Sample Location:

MW-NASB-072

Deep Diffusion Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

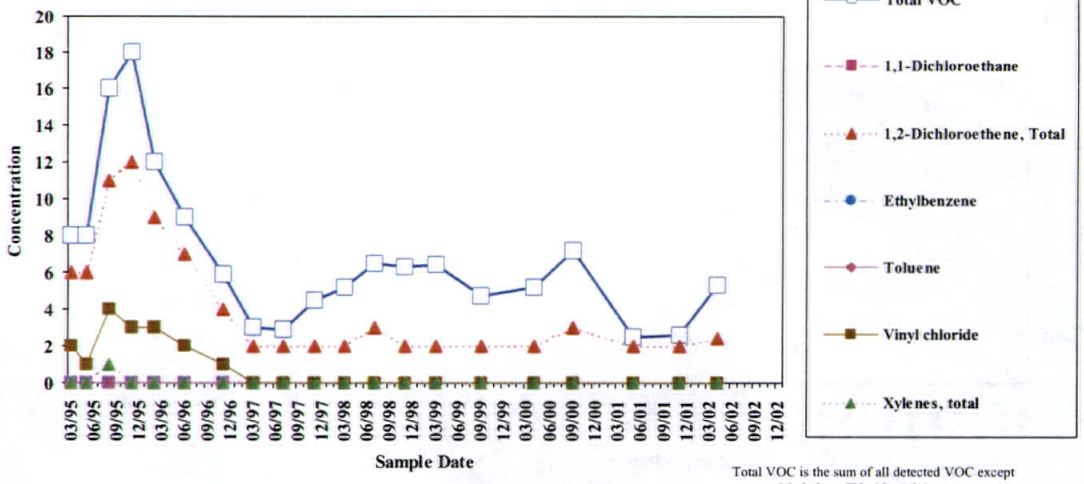
Sample Location:

MW-NASB-074

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

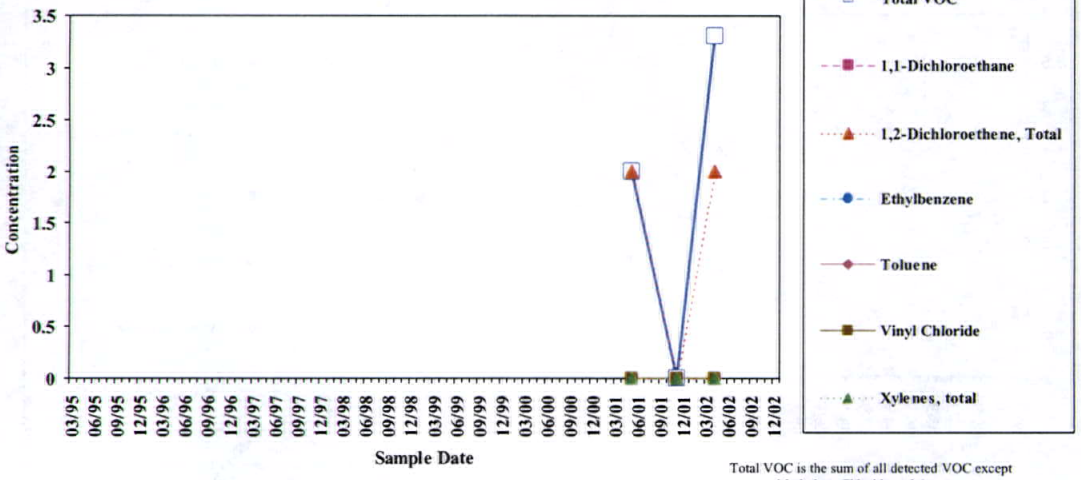
Sample Location:

MW-NASB-074

Shallow Diffusion Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

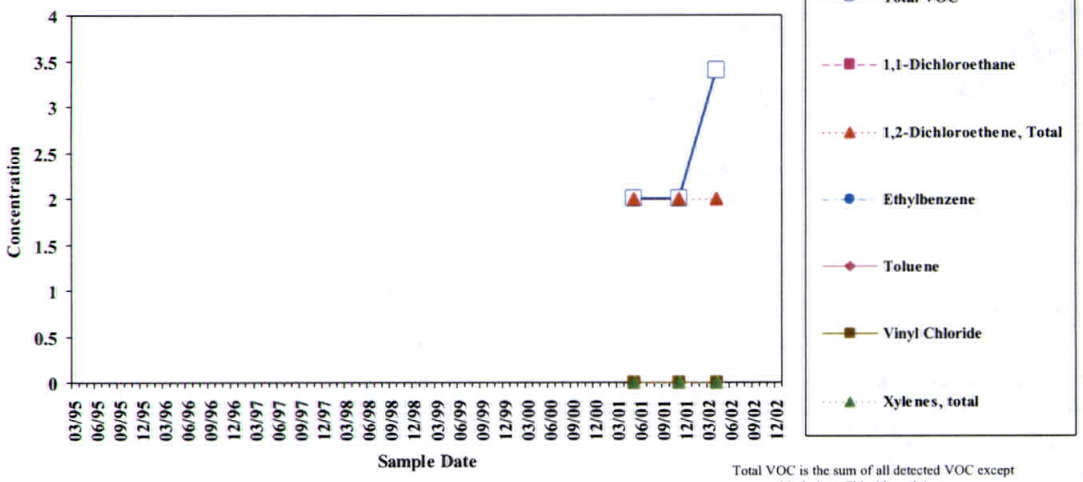
MW-NASB-074

Mid-depth Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

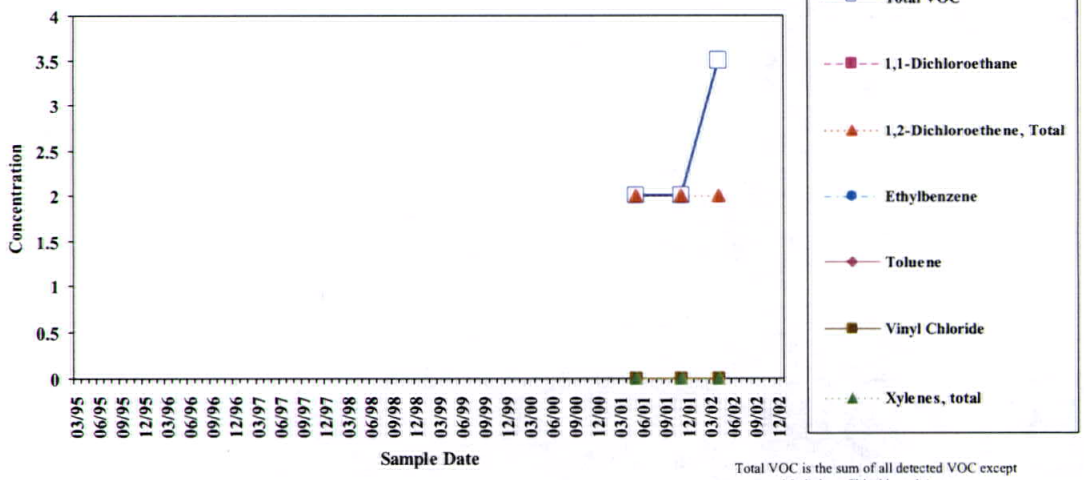
MW-NASB-074

Deep Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

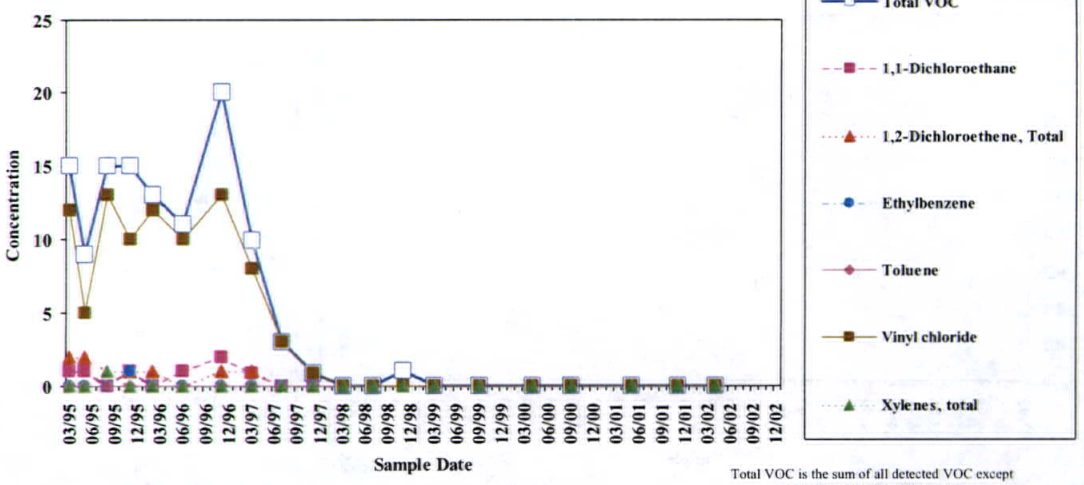
MW-NASB-075

Low-flow Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

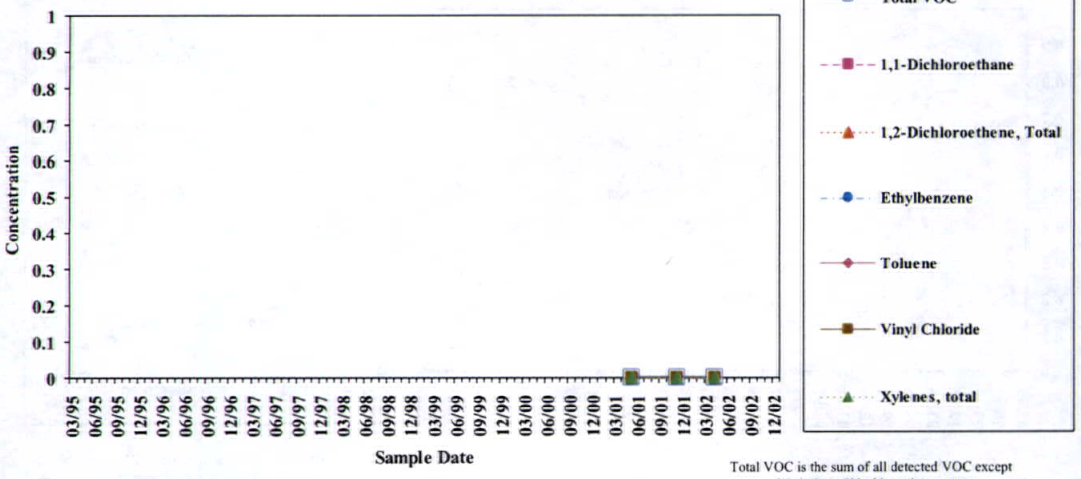
MW-NASB-075

Shallow Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

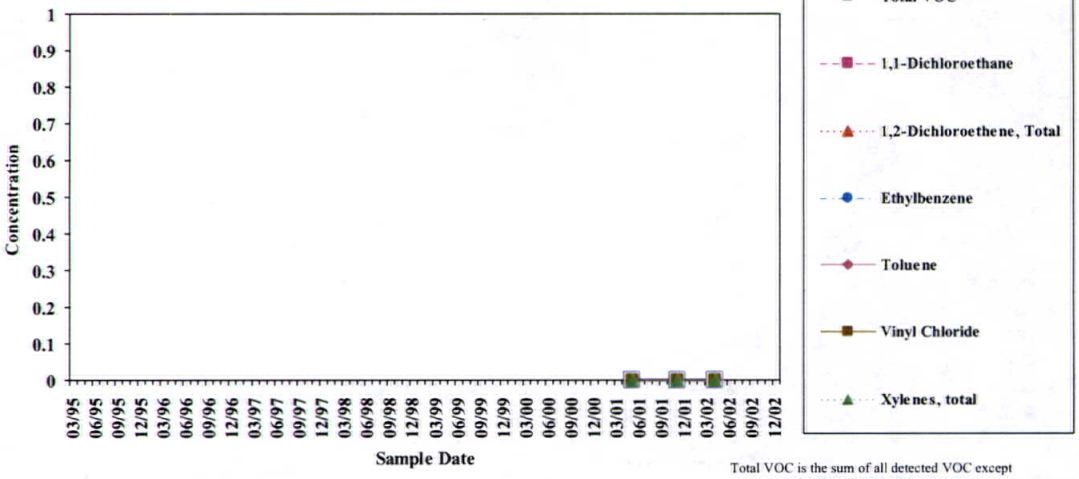
MW-NASB-075

Mid-depth Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

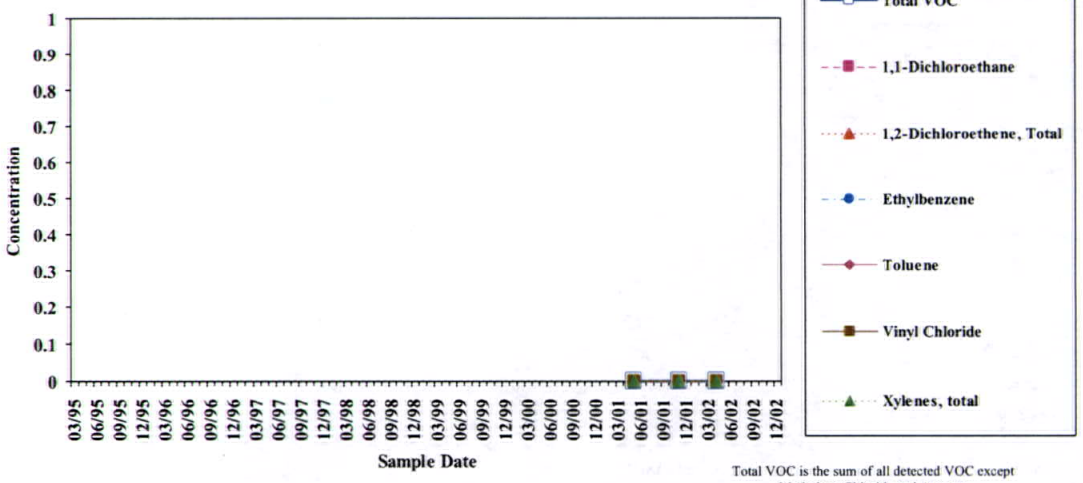
MW-NASB-075

Deep Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

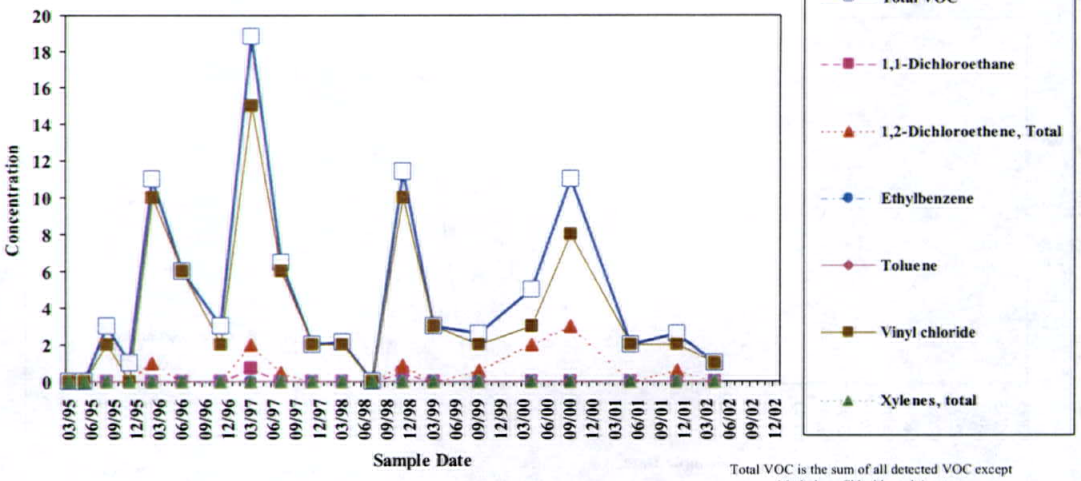
MW-NASB-076

Low-flow Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

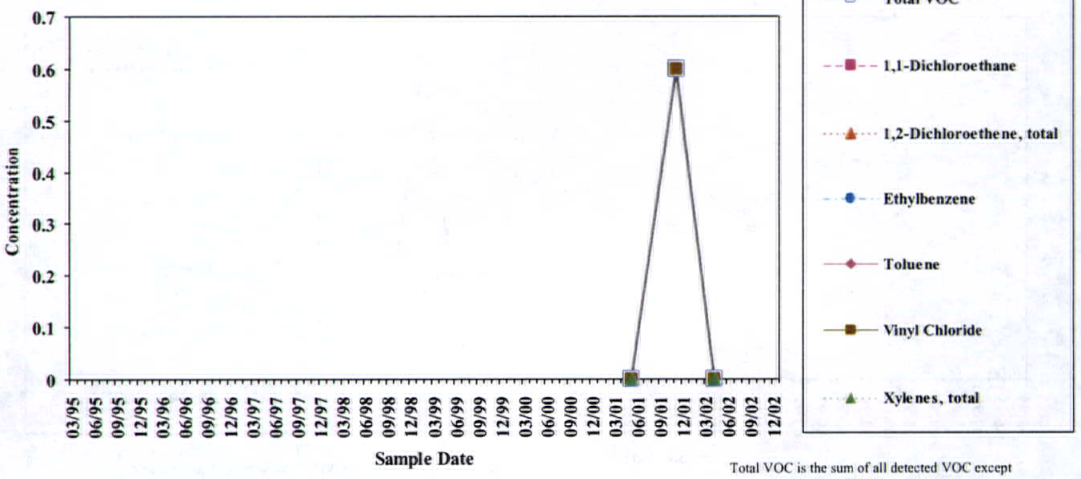
MW-NASB-076

Shallow Diffusion Sample

Site 9

Ground 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 and Acetone.

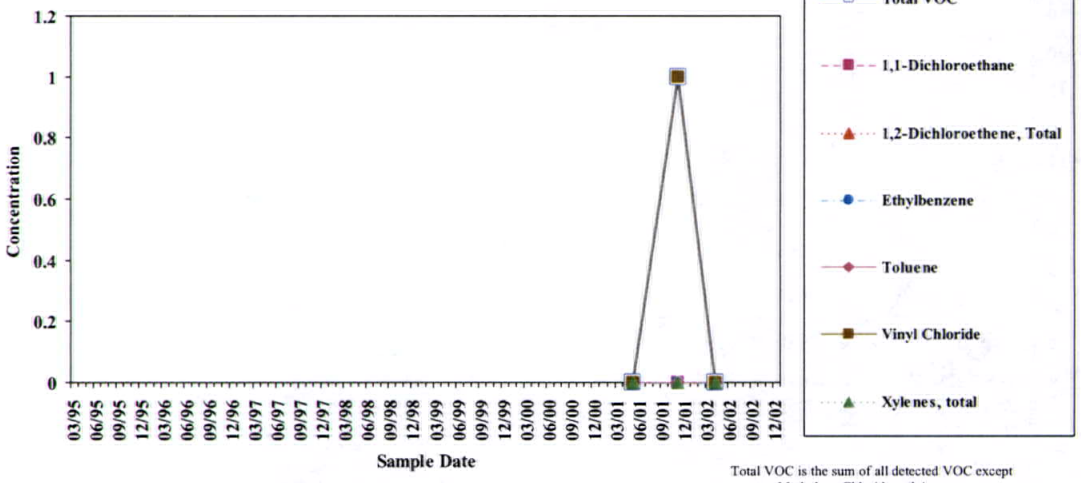
Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

MW-NASB-076 Mid-depth Diffusion Sample Site 9 Ground 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 and Acetone.

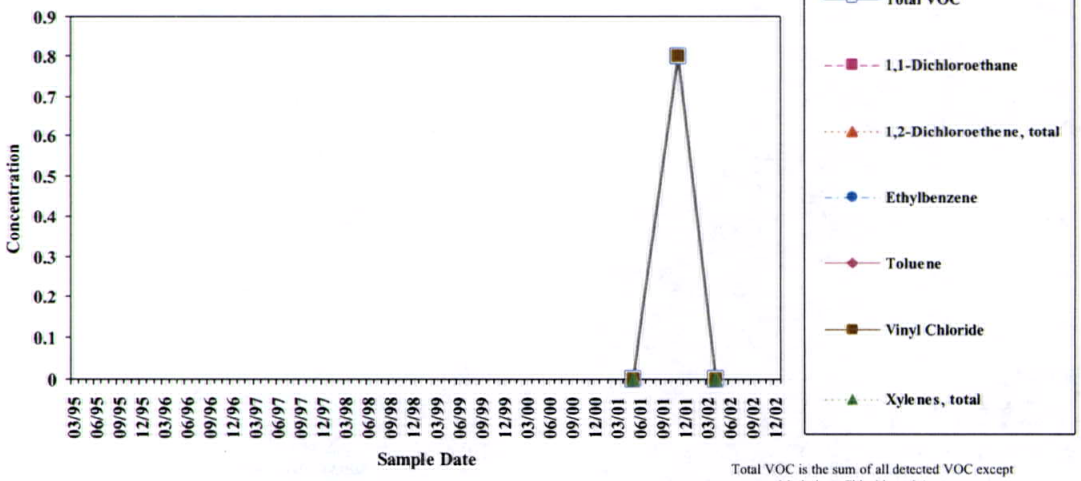
Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

MW-NASB-076 Deep Diffusion Sample Site 9 Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

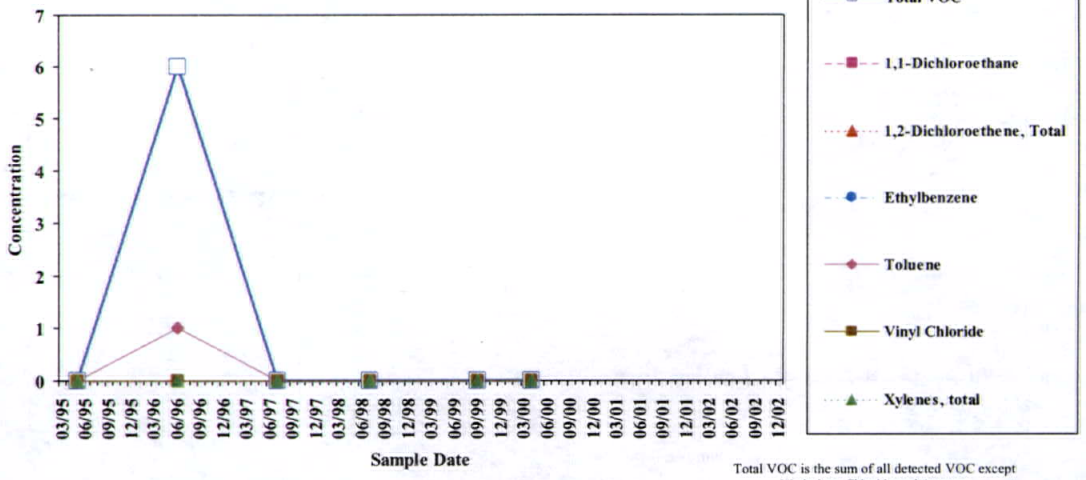
Sample Location:

MW-NASB-077

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

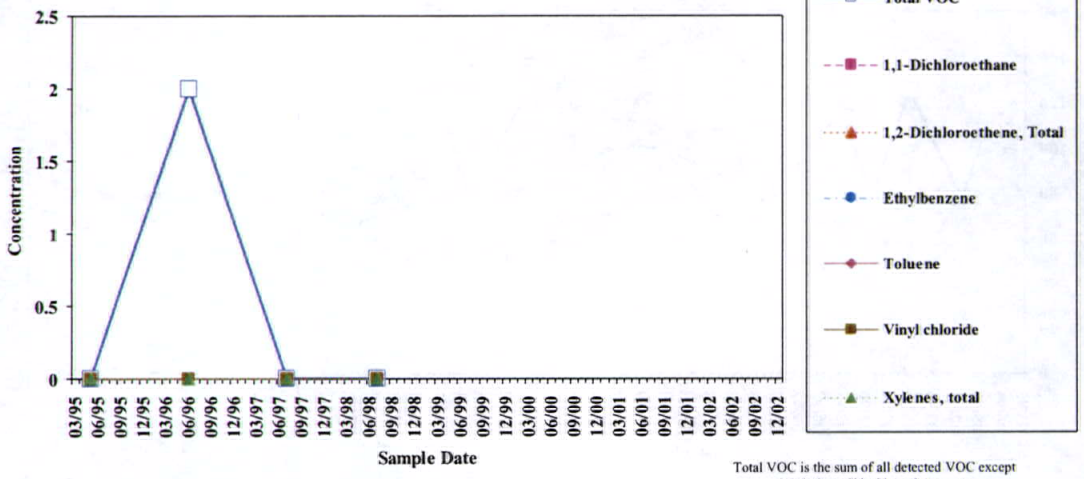
Sample Location:

MW-NASB-078

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

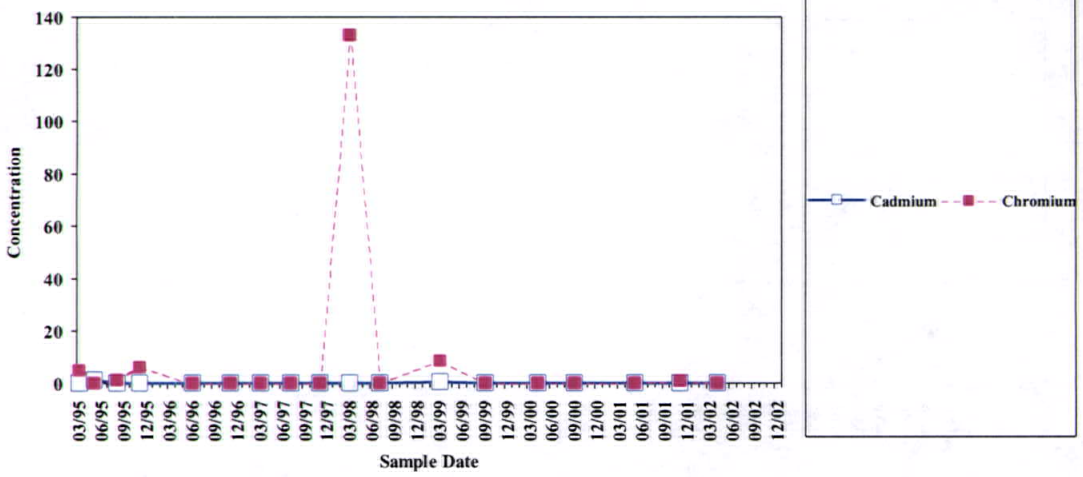
MW-NASB-079

Low-flow Sample

Site 9

Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

Sample Location:

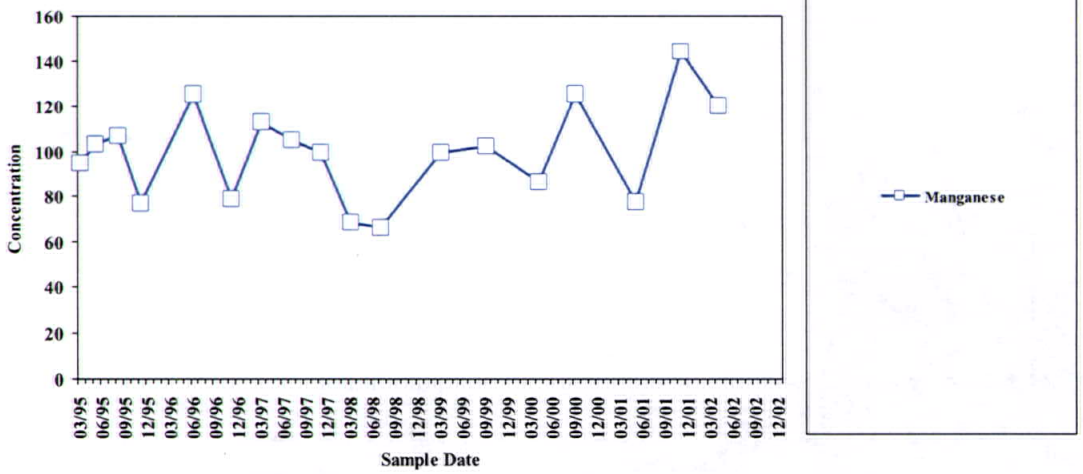
MW-NASB-079

Low-flow Sample

Site 9

Ground 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

Manganese	
MEG:	200
MCL:	50

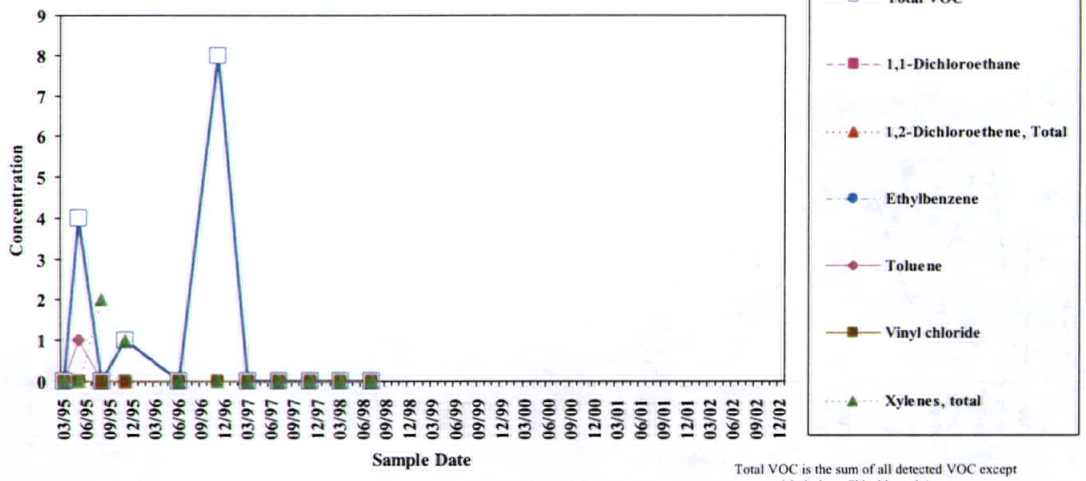
Sample Location:

MW-NASB-079

Low-flow Sample

Site 9
Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

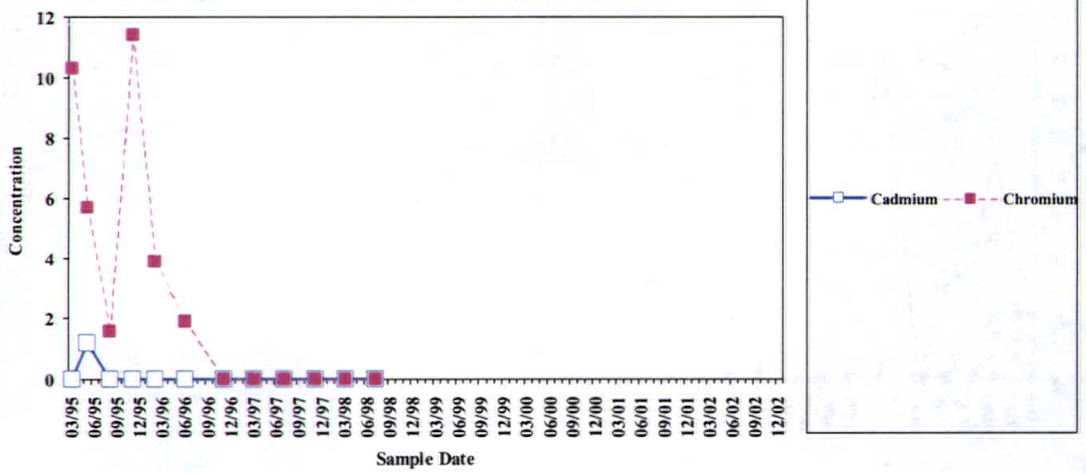
Sample Location:

MW-NASB-080

Low-flow Sample

Site 9
Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

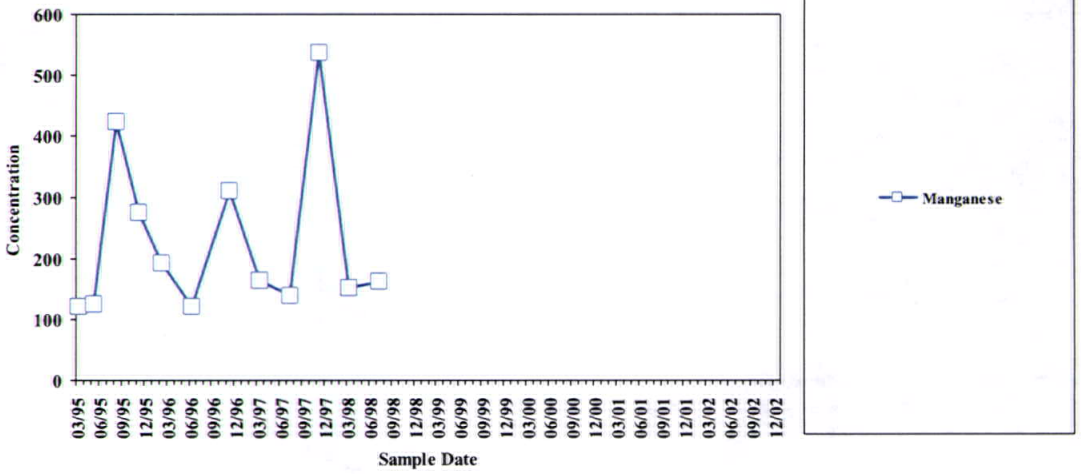
Sample Location:

MW-NASB-080

Low-flow Sample

Site 9
Ground 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

Manganese	
MEG:	200
MCL:	50

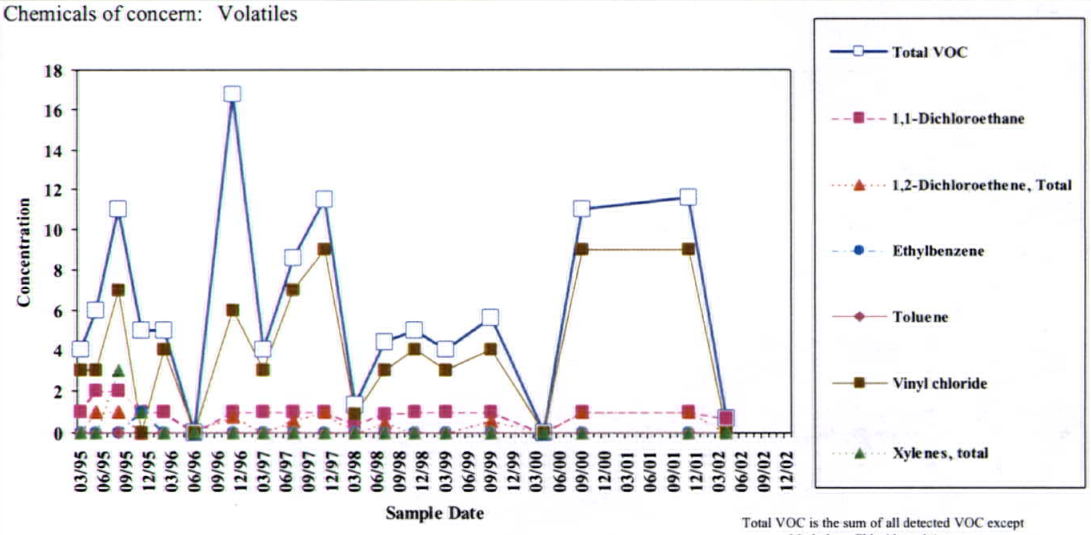
Sample Location:

MW-NASB-080

Low-flow Sample

Site 9
Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

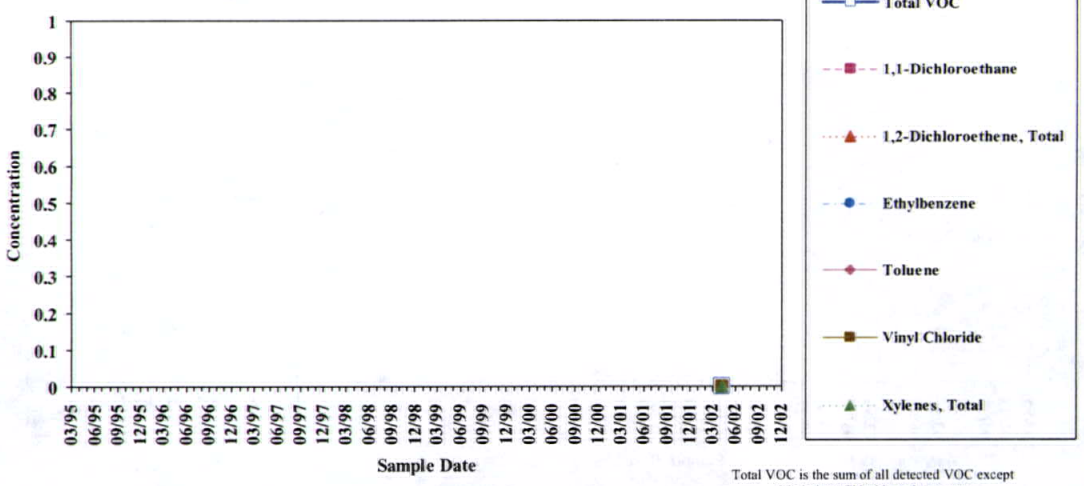
MW-NASB-080

Shallow Diffusion Sample

Site 9

Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

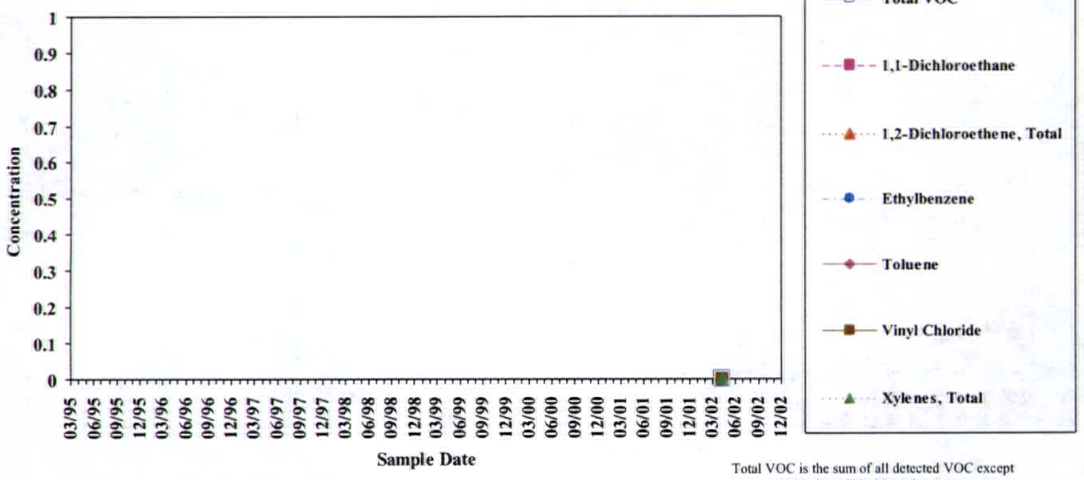
MW-NASB-080

Mid-depth Diffusion Sample

Site 9

Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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

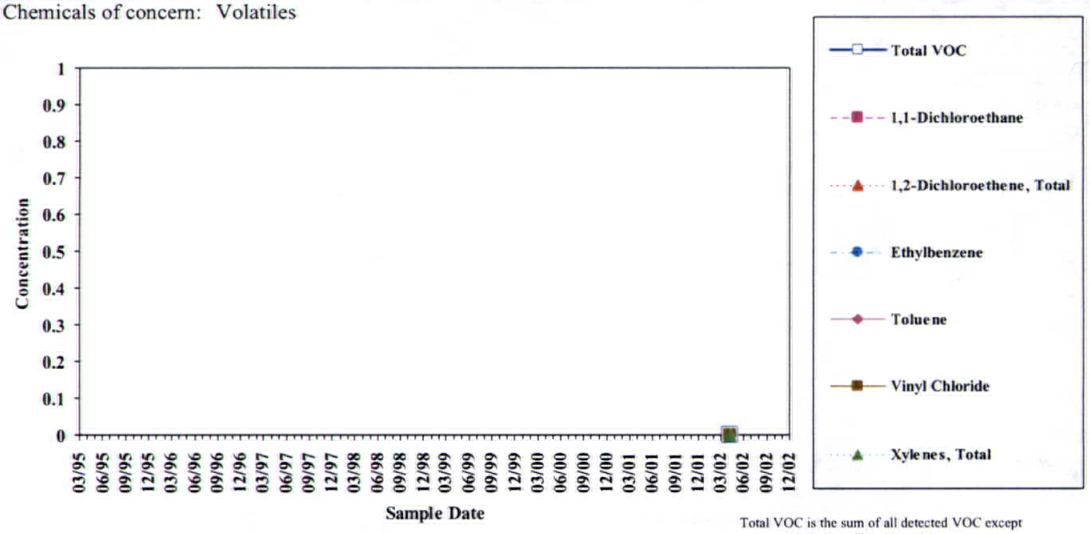
Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

MW-NASB-080 Deep Diffusion Sample Site 9 Ground 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 and Acetone.

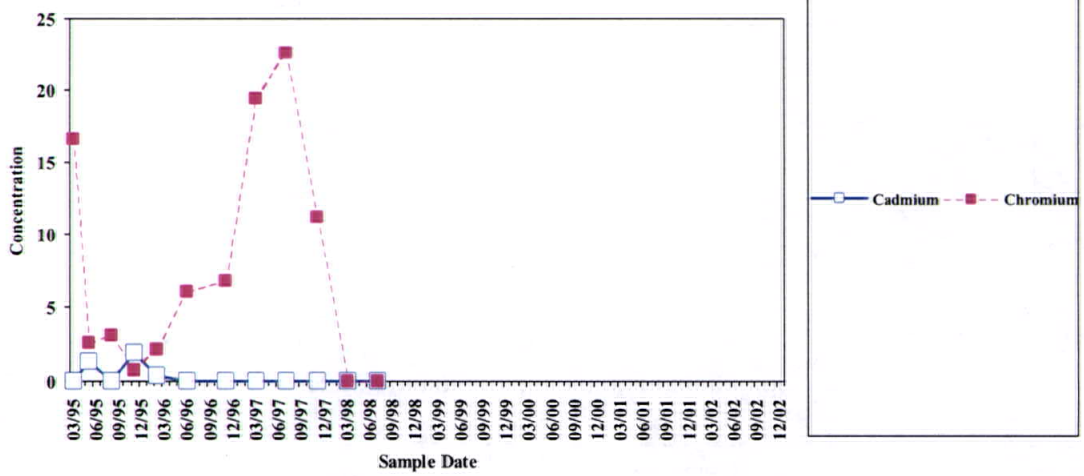
Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

MW-NASB-081 Low-flow Sample Site 9 Ground 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

Cadmium		Chromium	
MEG:	5	MEG:	100
MCL:	5	MCL:	100

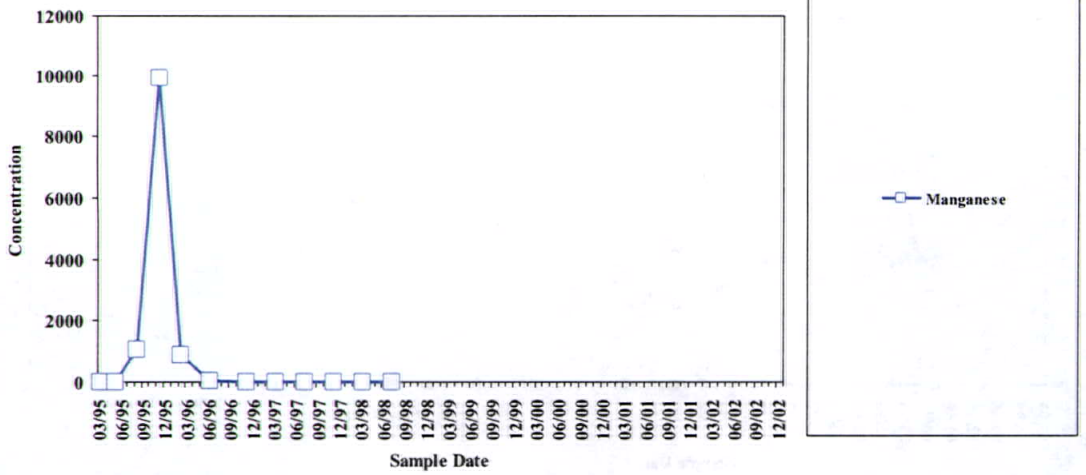
Sample Location:

MW-NASB-081

Low-flow Sample

Site 9
Ground 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

Manganese	
MEG:	200
MCL:	50

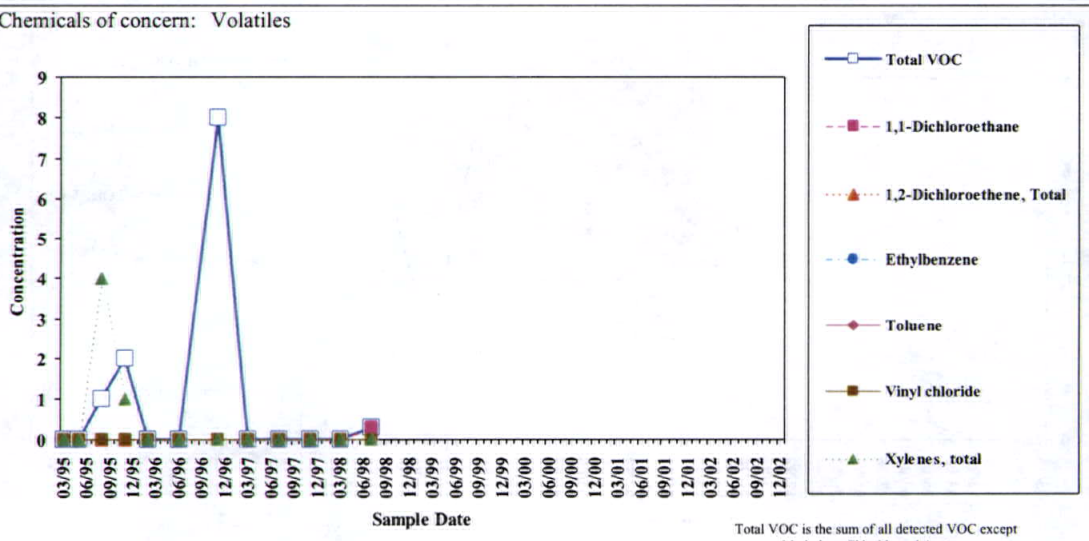
Sample Location:

MW-NASB-081

Low-flow Sample

Site 9
Ground Water

Chemicals of concern: Volatiles



Total VOC is the sum of all detected VOC except Methylene Chloride and Acetone.

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		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

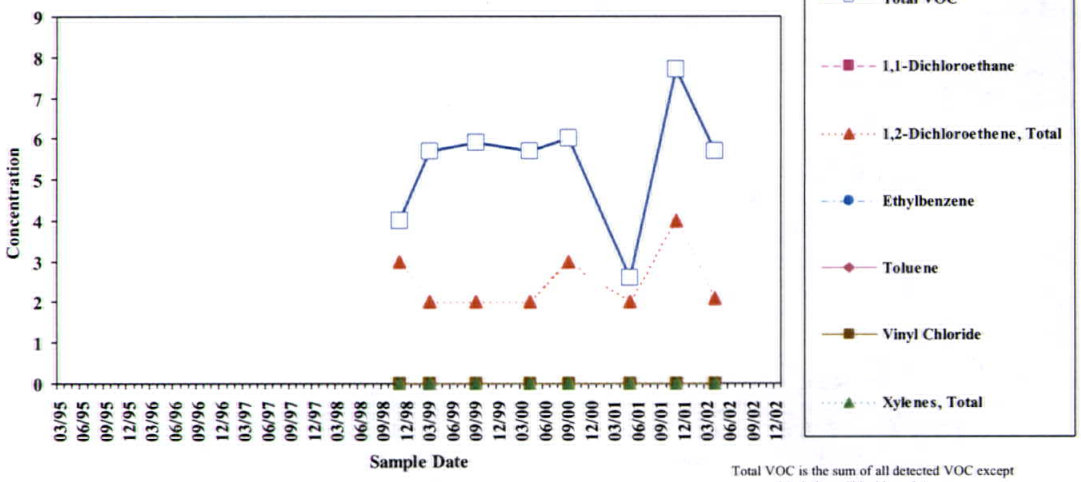
MW-NASB-227

Low-flow Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

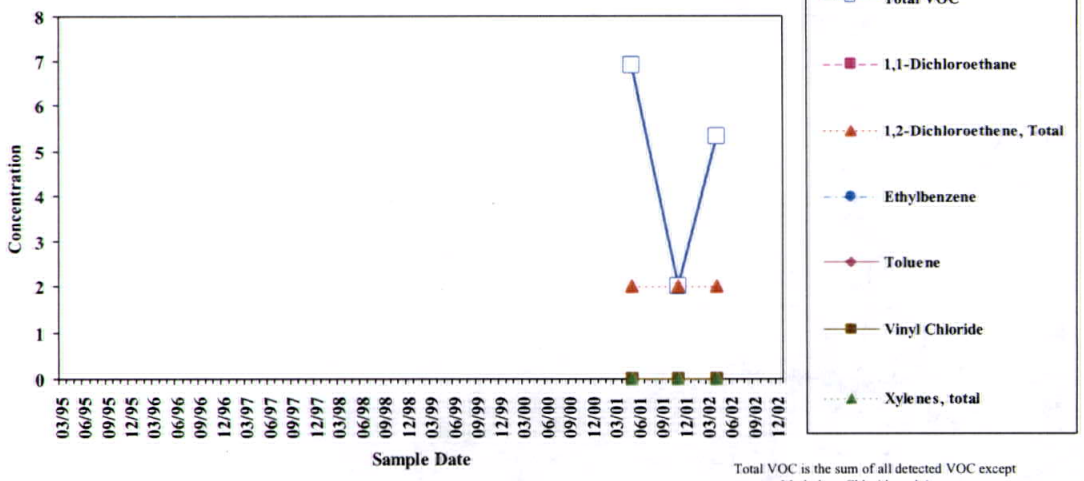
MW-NASB-227

Shallow Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

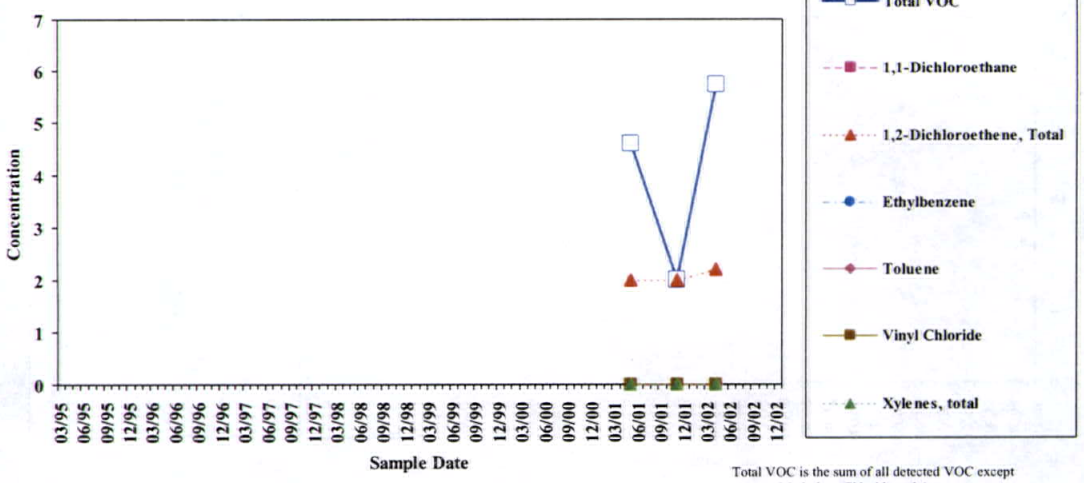
MW-NASB-227

Mid-depth Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

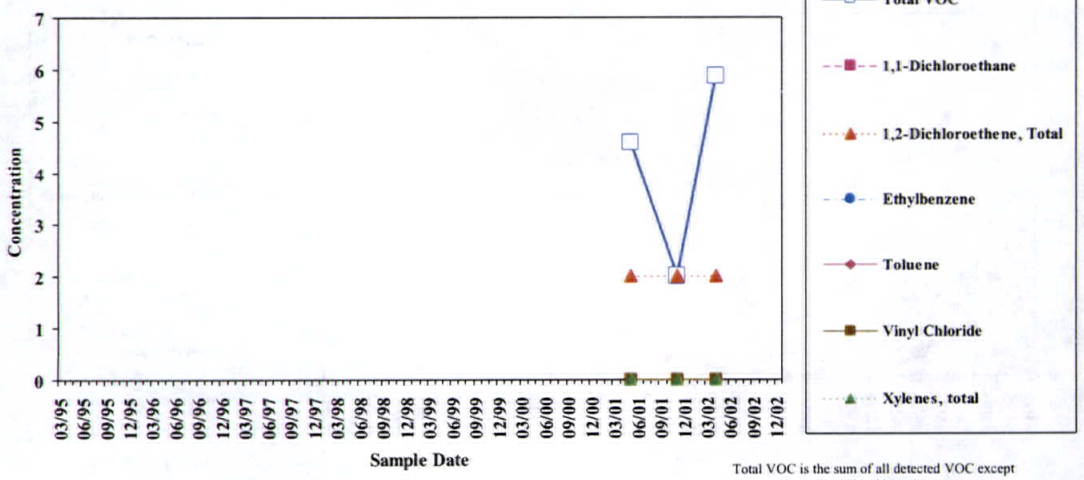
MW-NASB-227

Deep Diffusion Sample

Site 9

Ground 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 and Acetone.

Sample concentration units: µg/L

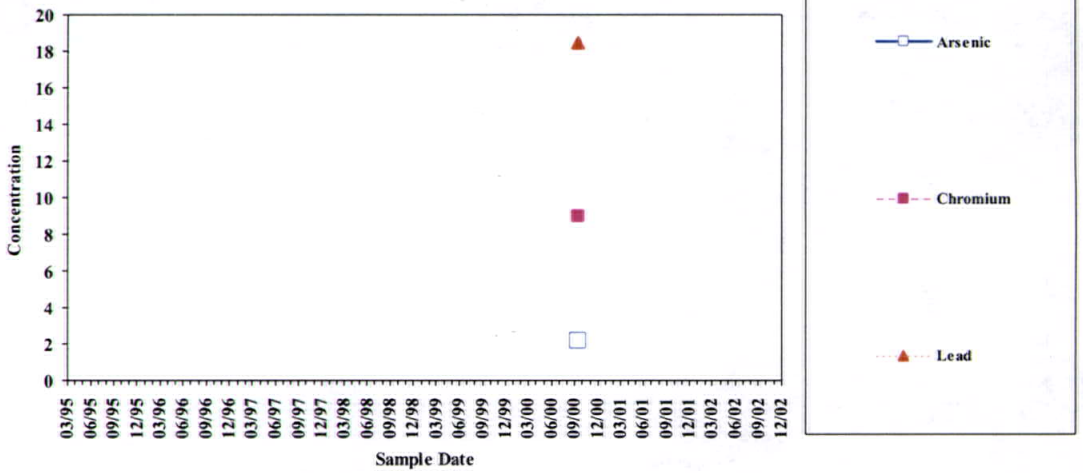
1,1-Dichloroethane		1,2-Dichloroethene, total		Ethylbenzene		Toluene		Vinyl chloride		Xylenes, total	
MEG:	70	MEG:	70	MEG:	700	MEG:	1400	MEG:	0.15	MEG:	600
MCL:	-	MCL:	70	MCL:	700	MCL:	1000	MCL:	2	MCL:	10000

Sample Location:

SED-10

Site 9
Sediment

Chemicals of concern: Inorganics



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

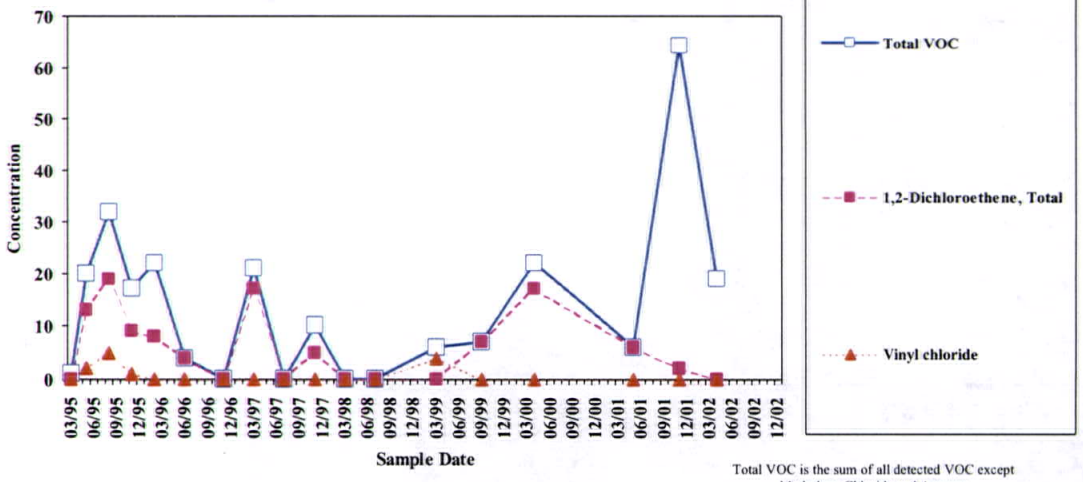
Sample concentration units: mg/Kg

Sample Location:

SED-10

Site 9
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 and Acetone.

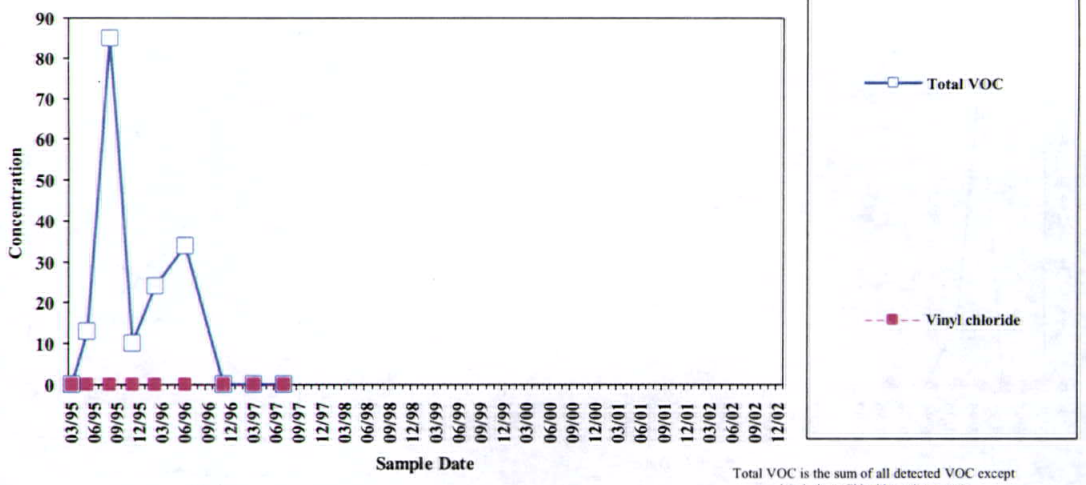
Sample concentration units: µg/Kg

Sample Location:

SED-11

Site 9
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 and Acetone.

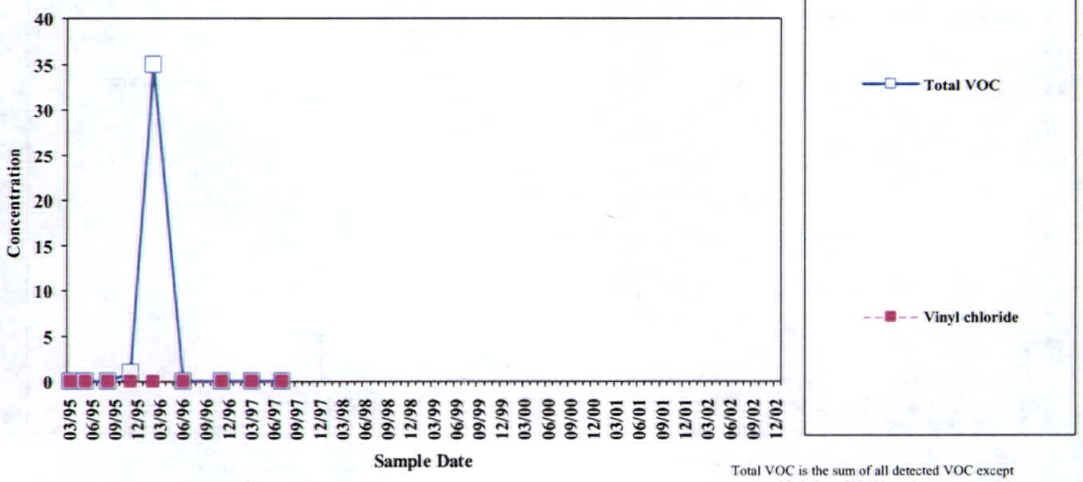
Sample concentration units: µg/Kg

Sample Location:

SED-12

Site 9
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 and Acetone.

Sample concentration units: µg/Kg

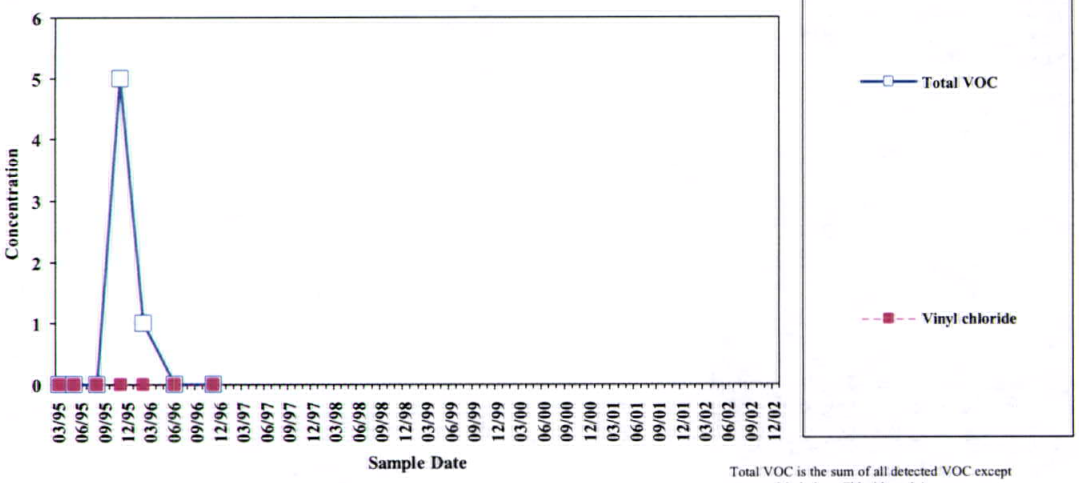
Sample Location:

SED-915

Site 9

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 and Acetone.

Sample concentration units: µg/Kg

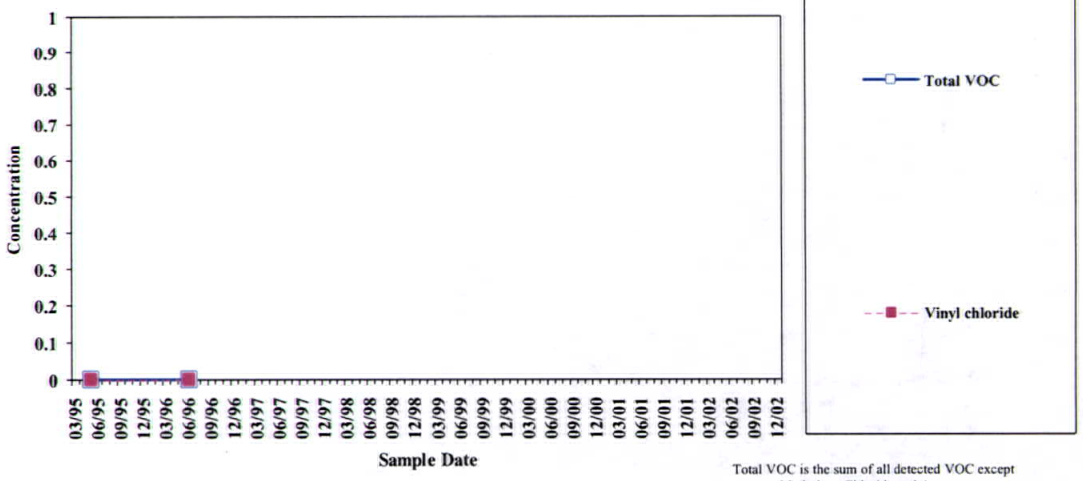
Sample Location:

SED-916

Site 9

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 and Acetone.

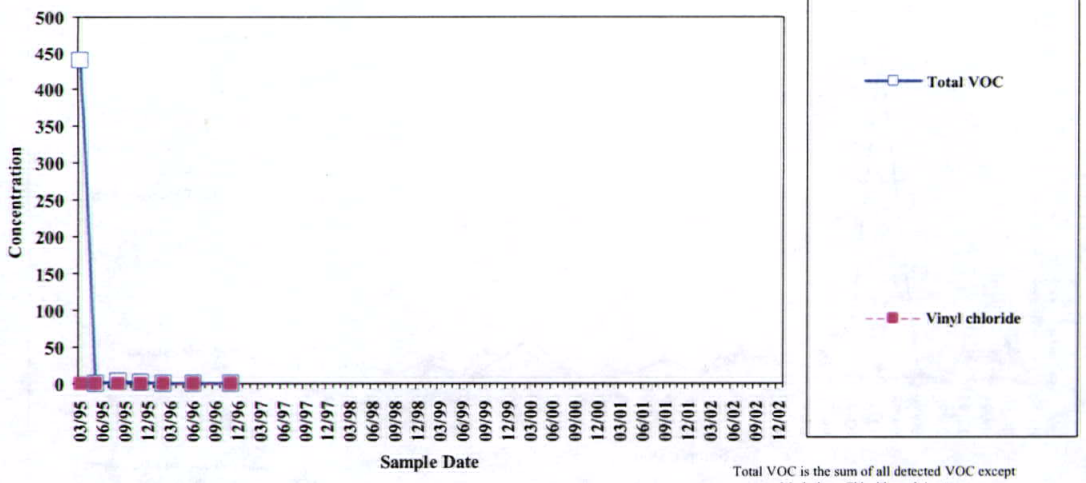
Sample concentration units: µg/Kg

Sample Location:

SED-919

Site 9
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 and Acetone.

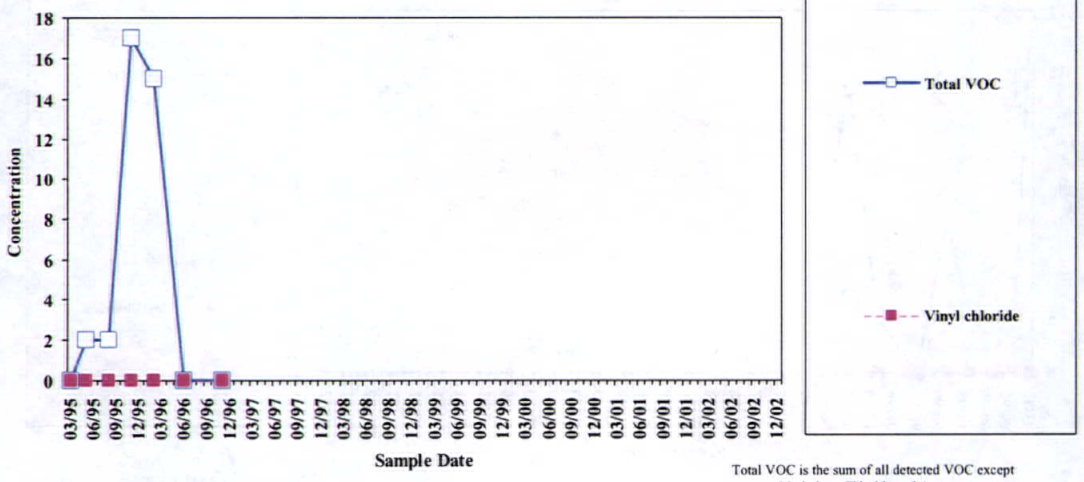
Sample concentration units: µg/Kg

Sample Location:

SED-922

Site 9
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 and Acetone.

Sample concentration units: µg/Kg

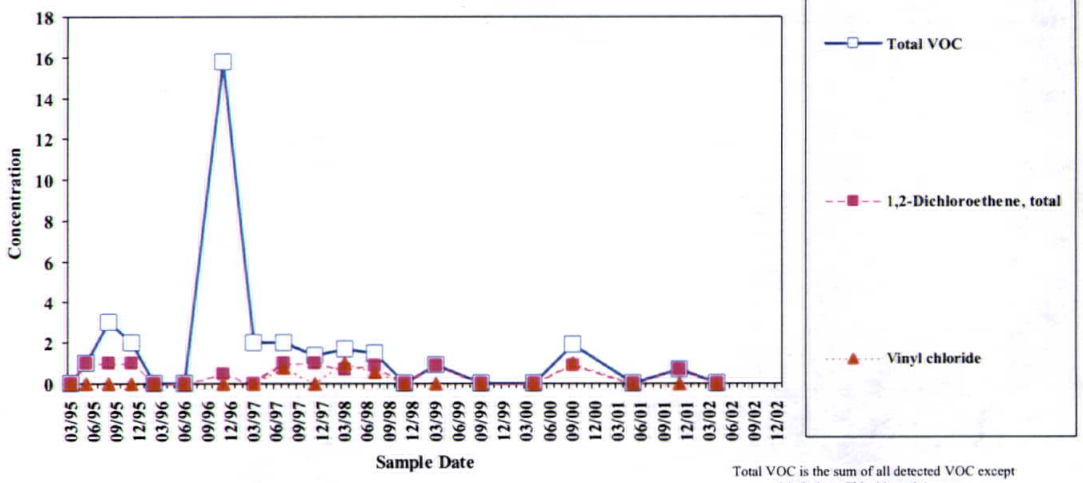
Sample Location:

SW-010

Site 9

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 and Acetone.

Sample concentration units: µg/L

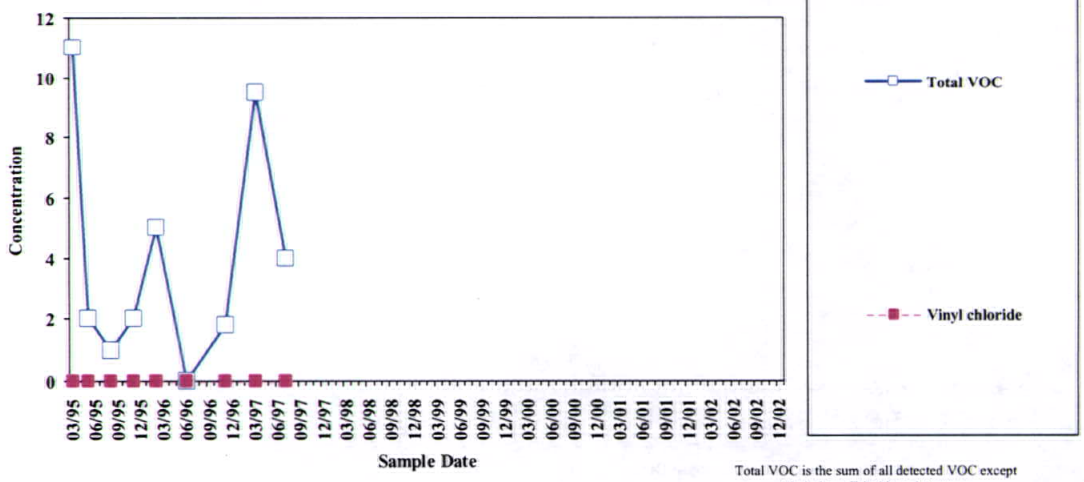
Sample Location:

SW-011

Site 9

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 and Acetone.

Sample concentration units: µg/L

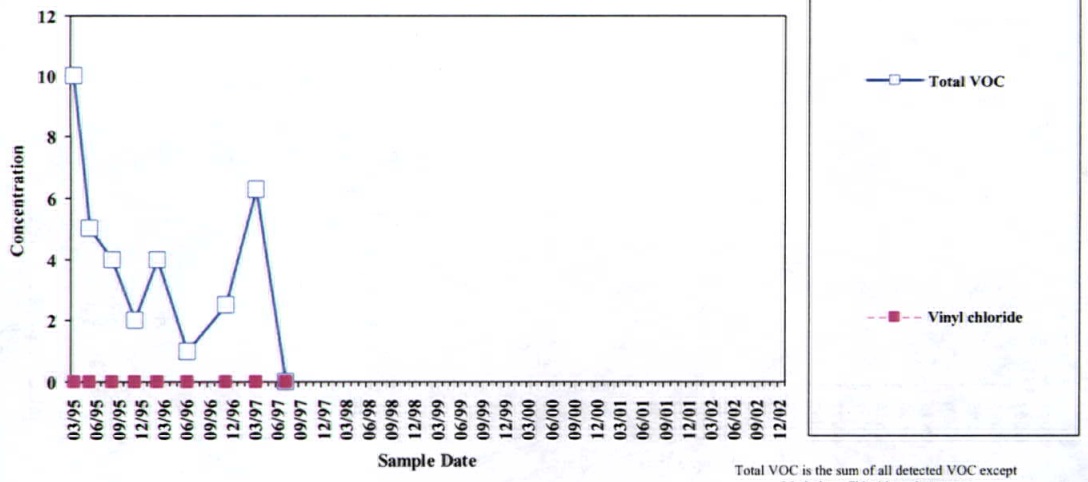
Sample Location:

SW-012

Site 9

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 and Acetone.

Sample concentration units: µg/L

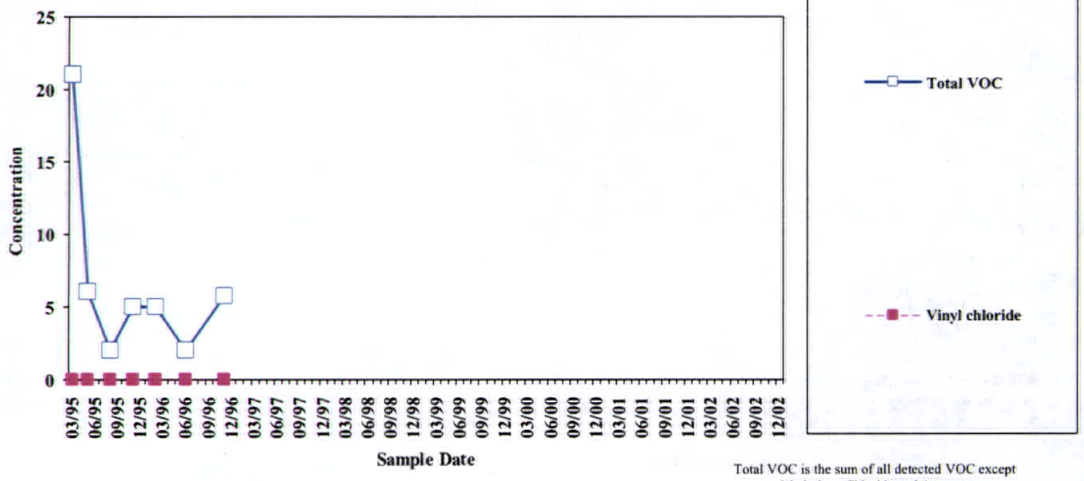
Sample Location:

SW-915

Site 9

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 and Acetone.

Sample concentration units: µg/L

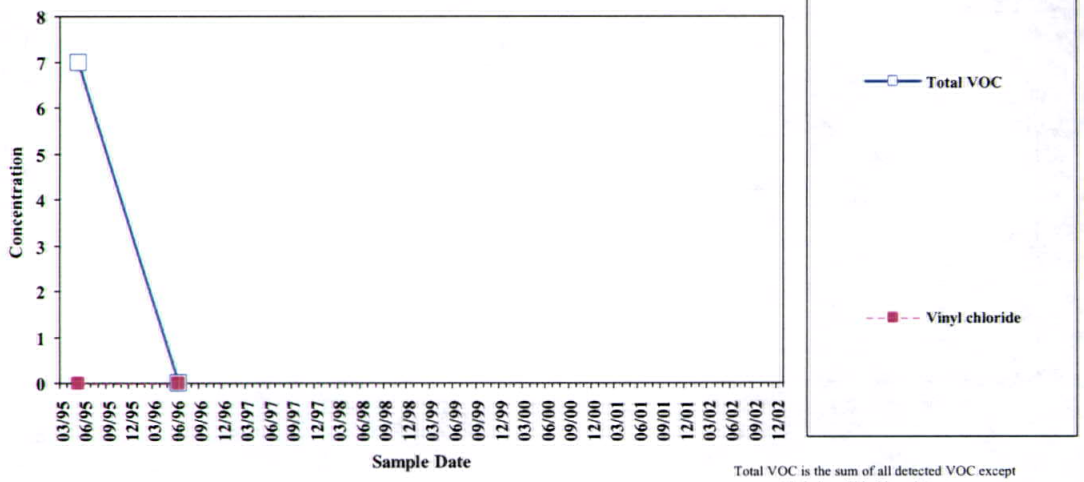
Sample Location:

SW-916

Site 9

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 and Acetone.

Sample concentration units: µg/L

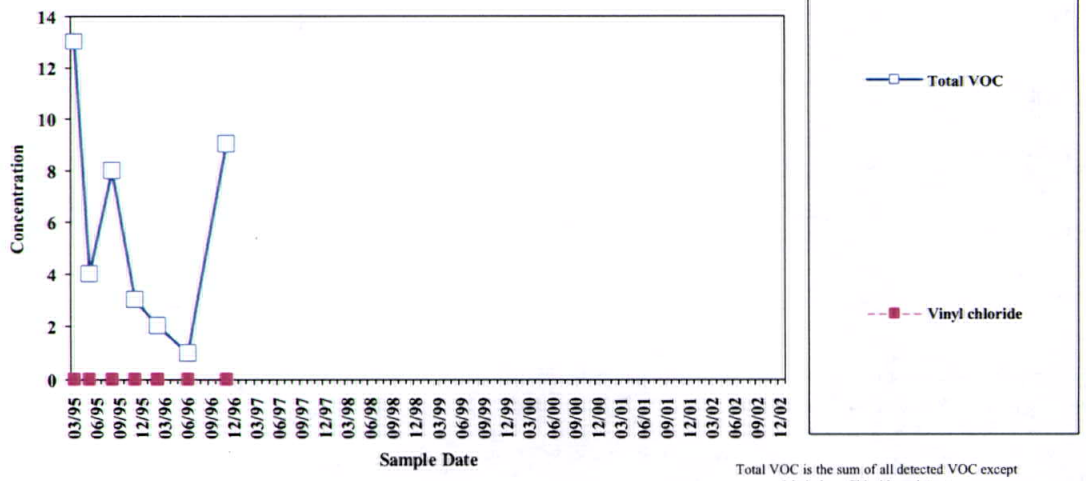
Sample Location:

SW-919

Site 9

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 and Acetone.

Sample concentration units: µg/L

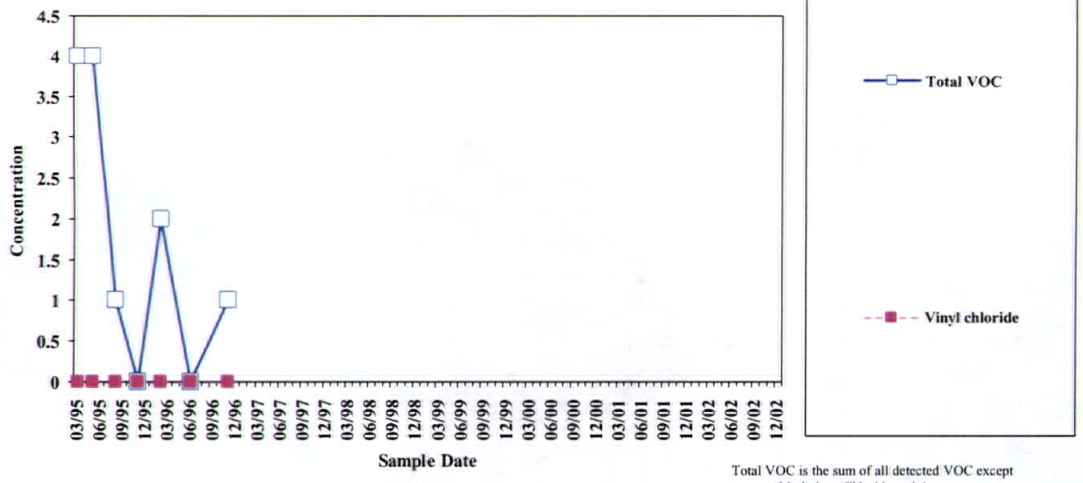
Sample Location:

SW-922

Site 9

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 and Acetone.

Sample concentration units: µg/L

Appendix D

Analytical Data Quality Review

D.1 Method Detection Limits for Sediment 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 Final Quality Assurance Project Plan (QAPP) (EA 1999)[1] were met.

The sampling program consisted of 48 aqueous samples of ground water, surface water, diffusion, and leachate seep samples (of which 8 were field duplicates), and 2 sediment samples (of which 1 was a field duplicate) collected from Site 9. AMRO Environmental Laboratories Corporation was provided with 1 sediment and 5 aqueous sample delivery groups (SDGs) that included 8 aqueous quality control samples (3 trip blanks, 4 rinsate blanks, and 1 source water blank). Sample duplicates, rinsate blanks, and trip blanks were collected at the frequency required by the QAPP.

Analytical quality control was reviewed for compliance against data quality objectives for precision and accuracy for each sample and analysis type, including field quality control blanks (i.e., trip blanks) and field sample duplication. Analytical precision was based upon the mean relative percent difference (RPD) of the matrix spike/matrix spike duplicate (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 standards (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 LCS recoveries. MS/MSD and SMC recoveries measure the effect of the sample matrix on sample preparation and measurement methodology. During the MS/MSD process, 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.

Field completeness was quantified by comparing the number of samples specified in the Final Long-Term Monitoring Plan (EA 1999) to the number of samples actually collected during Monitoring Event 20. Data completeness was quantified by reviewing the number of usable results to the number of results reported.

1. EA Engineering, Science, and Technology. 1999. Final Long-Term Monitoring Plan (including Quality Assurance Project Plan), Site 9 (Neptune Drive Disposal Site), Naval Air Station, Brunswick. August.

For clarity, the following definitions are given for use throughout Appendix C:

- ***Instrument Detection Limit (IDL)***—Defined as the lowest concentration level 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 sediment 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 IDL 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.1.2.1 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 affected 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.1.2.2 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.1.2.3 Evaluating Laboratory Control Sample Recoveries for Accuracy

- If the LCS recovery is greater than the 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 table summarizes the findings for the data quality review performed and presented in detail in this appendix:

Data Quality Review		Holding Time	Field Method Blank[(a)] Cont.	Precision		Accuracy			Completeness	
				Laboratory	Field	SMC	MS/MSD	LCS	Analytical	Field
Aqueous Matrix	VOC	✔	✔B	✔J	✔J	✔	✔	✔	100%✔	100%✔
	Metals	✔	✔	✔	✔	NA	✔	✔	100%✔	100%✔
	SVOC	✔	✔	✔	✔	✔	✔	✔	100%✔	100%✔
Sediment Matrix	VOC	✔	✔	✔	✔J	✔	✔	✔	100%✔	100%✔

(a) Field, source, trip, and rinsate blanks.

NOTE: VOC = Volatile organic compound.
✔ = 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 the true concentrations.
NA = The quality measurement does not apply to this matrix or analytical methodology.
SVOC = Semivolatile organic compound.

All volatile organic compounds (VOCs), metals, and semivolatile organic compounds (SVOCs) data for Site 9 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) and precision issues (Section D.3 and D.7) are provided below.

D.1.3 Field Sampling Program Quality Control

Field sampling quality control was acceptable and conducted according to the Final QAPP (EA 1999). Field duplicate samples were collected for each matrix (i.e., sediment, ground water, and leachate seep) 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 assessed by trip blanks which were shipped with each sample cooler containing aqueous samples. The trip blanks were analyzed for VOCs by EPA SW-846 Method 8260B (gas chromatograph/mass spectrometry). To document the effectiveness of decontamination protocols, rinsate blank samples were collected by running de-ionized water through decontaminated sampling equipment and into the appropriate sample containers, and analyzing for the same parameters as the samples. In addition, a source water blank was analyzed to assess the chemical quality of the water used in the decontamination sequence. The source water blank was also associated with samples collected at Site 2 and Sites 1 and 3 and Eastern Plume under a separate SDG.

D.1.4 Laboratory Analytical Quality Control Program

The precision and accuracy objectives and reporting requirements identified in the Long-Term Monitoring Plan were met. Ground-water, diffusion, surface water, and leachate seep samples were collected for analysis of Target Compound List VOCs by EPA Method 8260B (gas chromatograph/mass spectrometry), and 4 ground-water samples (including 1 duplicate sample) were also analyzed for both Target Analyte List elements by EPA Methods 6010B and 7000 series and Target Compound List SVOCs by EPA Method 8270C. Sediment samples were collected for analysis of Target Compound List VOCs by EPA Method 8260B.

D.2 SAMPLE HOLDING TIMES

The holding times were met for all method and sample matrixes. Holding times (from date of sample collection to date of sample preparation/analysis) 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

Five VOCs were used to quantify the MS/MSD RPDs. The control limits identified in the QAPP were used to evaluate the data. The MS/MSD analyses were performed on 5 samples (MW-NASB-227 [mid], MW-NASB-080 [deep], MW-NASB-069, LT-901, and SD-010). There were no surface water samples designated for MS/MSD analyses, therefore, surface water samples were not evaluated for analytical precision. The leachate seep, sediment, and monitoring well sample MS/MSD RPDs were within the established control limits, therefore, analytical precision was determined to be acceptable and the usability of the data is unaffected.

The diffusion sample MS/MSD RPDs were within the established control limits in Sample MW-NASB-227 (mid-) with the exception of benzene (35.1 percent), 1,1-dichloroethene (36.7 percent), trichloroethene (31.5 percent), toluene (36.6 percent), and chlorobenzene (37.5 percent). The positive result for trichloroethene and the non-detect results for benzene, 1,1-dichloroethene, toluene, and chlorobenzene in Sample MW-NASB-227 (mid-) are considered estimated based on MS/MSD RPDs.

D.3.2 Target Analyte List Metals

The diffusion laboratory duplicate precision measurements were within the laboratory control limits, therefore, the diffusion metals data are considered usable based on the review of analytical precision. All 23 analytes were used to quantify the laboratory duplicate RPD. The control limits identified in the QAPP were used to evaluate the sediment duplicate RPD for Target Analyte List metals. The laboratory replicated the analyses of MW-NASB-069.

D.3.3 Semivolatile Organic Compounds

Eleven SVOCs were used to quantify the MS/MSD RPD. The aqueous control limits identified in the QAPP were used to qualify the MS/MSD RPD. The MS/MSD analysis was performed on Sample MW-NASB-069.

D.4 ACCURACY

D.4.1 Volatile Organic Compounds

The surface water, leachate seep, sediment, diffusion, and low-flow ground-water sample SMC recoveries were within established control limits; therefore, the analytical results are usable as reported. Four SMCs are 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 are identified in the QAPP.

Five VOCs were used to quantify MS/MSD recoveries against QAPP established control limits. The recovery limits reported by the laboratory were different than those identified in the QAPP. The samples chosen for MS/MSD are identified in Section D.3.1.

The leachate seep, sediment, diffusion, and low-flow ground-water sample MS/MSD recoveries were within the QAPP control limits, therefore, analytical accuracy was determined to be acceptable and the data are usable.

Five VOCs were used to quantify the LCS recoveries against laboratory established control limits. The sediment, surface water, monitoring well, diffusion, and leachate seep LCS recoveries were compliant. All sediment, surface water, monitoring well, diffusion, and leachate seep data are usable based on the review of the LCS accuracy.

D.4.2 Target Analyte List Metals

Nineteen Target Analyte List analytes were used to quantify MS recoveries for aqueous samples. Calcium, magnesium, potassium, and sodium are not required as spiking compounds due to the potential for these compounds to be present in the environmental samples at high concentrations.

The MS/MSD 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 on the sample identified in Section D.3.2. The ground-water MS recoveries were within the established control limits, therefore, the data are usable as reported.

All 23 Target Analyte List analytes were used to quantify LCS recoveries against laboratory established control limits. The aqueous control limits identified in the QAPP were used to qualify the LCS recoveries. The aqueous LCS recoveries were compliant. All aqueous data are usable based on the review of the LCS accuracy.

D.4.3 Semivolatile Organic Compounds

Semivolatile data are usable as reported based on the review of analytical accuracy for SMC. Six SMCs were used to measure the ability of the laboratory to extract the target compounds from the environmental samples. The aqueous sample SMC recoveries were within the established control limits.

Eleven compounds were used to qualify the MS/MSD recoveries. The control limits stated in the QAPP were used to evaluate the data. The monitoring well sample MS/MSD recoveries met acceptance criteria; the data are usable as reported.

Eleven SVOCs were used to quantify the LCS recoveries against laboratory established control limits. The monitoring well LCS recoveries were compliant. All monitoring well data are usable based on the review of the LCS accuracy.

D.5 COMPLETENESS

Usable analytical data were available for all analytes/compounds for all field samples, and total analytical completeness is 100 percent.

Forty-eight of the planned 48 aqueous field samples were collected, resulting in a field completeness level of 100 percent, and 2 of 2 sediment field samples were collected, resulting in a field completeness level of 100 percent (note that the sediment samples were damaged in transit and were resampled).

The field quality control blanks were collected at the proper frequency. A total of 3 trip blanks were collected for Site 9. There were 3 rinsate blanks collected (associated with the surface water/seep samples and the sediment samples) and 1 rinsate blank collected (associated with the diffusion samples). In addition, 1 source water blank was submitted for Site 9 in compliance with the QAPP.

Analytical completeness was quantitated by comparing the number of acceptable analytical results to the total number of analytical results.

D.6 FIELD QUALITY CONTROL BLANKS

Monitoring well and trip blank samples contained analytical results that are considered false-positives based on both field and method blank contamination. Field quality control rinsate blanks were collected to evaluate the potential for contamination that may have been introduced during the field sampling activities. Trip blanks were collected to assess the potential for cross-contamination of VOCs during sample shipment. In both cases, where contamination exists, environmental samples should be reviewed for possible false-positives.

The field quality control blanks collected for this site included 3 trip blanks, 3 equipment rinsate blanks, 1 diffusion rinsate blank, and 1 source water blank. The rinsate blank (S9-QS-001) associated with the collection of surface water sampling, rinsate blanks (S9-QS-002 and S9-QS-005) associated with the collection of sediment sampling, the rinsate blank (EP-QS-5) associated with the collection of the diffusion sampling, and the source water blank (QD-001) associated with the collection of surface water and sediment sampling, and the diffusion samples with this event were collected under a separate SDG associated with Sites 1 and 3 and Eastern Plume and Site 2.

D.6.1 Laboratory Method Blanks

Method blanks were reviewed, and the following VOCs were detected in the method blanks: methylene chloride and acetone. Acetone was detected in the method blank specifically associated with the sediment samples. Acetone was not detected in the sediment samples, therefore, the data are usable as reported.

The positive methylene chloride results in 2 samples (QD-001 and EP-QS-5) should be considered false-positives due to method blank contamination.

D.6.2 Trip Blanks

The field quality control blanks collected for this site included 3 trip blanks (QT-03, QT-04, and QT-06). The trip blanks were analyzed for VOCs and no VOCs were reported with the exception of methylene chloride and acetone. Acetone and methylene chloride were not detected in the associated environmental samples, therefore, the results are usable as reported. Methylene chloride and acetone are considered laboratory contamination and, therefore, the analytical results of the trip blanks indicate that there was no cross-contamination of VOCs during sample shipment.

D.6.3 Rinsate Blanks

The analytical results for the rinsate blanks associated with the leachate seep and sediment collected at Site 9, and the associated source water blank, are shown in the following table:

Compound	Units	QD-001	S9-QS-001	S9-QS-002	S9-QS-005
Acetone	µg/L	(<5U)	(<10U)	2.6J	(<10U)
Chloroform	µg/L	0.7J	0.6J	0.59J	(<2U)
Methylene chloride	µg/L	1B	(<5U)	(<5U)	(<5U)
Aluminum	µg/L	52.4B*	NA	NA	NA
Chromium	µg/L	1.2B*	NA	NA	NA
Manganese	µg/L	0.2B*	NA	NA	NA
Sodium	µg/L	25.2B*	NA	NA	NA

NOTE: U = Not detected. Sample quantitation limits are shown as (<___U).
J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.
B* = Analyte concentration is between the IDL and the CRDL.
NA = Samples S9-QS-001, S9-QS-002, and S9-QS-005 only sampled for VOCs.

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. The source water blank (QD-001) and the rinsate blanks (S9-QS-001, S9-QS-002, and S9-QS-005) were reported free of VOC contamination, with the exception of acetone in one of the rinsate blanks, methylene chloride in the source water blank, and chloroform in 2 of the rinsate blanks and the source water blank. The positive methylene chloride result in Sample QD-001 is considered a false-positive 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. There was minor inorganic contamination detected in the rinse water (source blank water) and, therefore, the inorganic sample results are unaffected. As chloroform and acetone were not detected in the associated samples, those results are usable as reported.

The results of the diffusion rinsate blank (EP-QS-5) and associated source water blank (QD-001) associated with the diffusion samples taken at Site 9 are shown in the table below:

Compound	Units	QD-001	EP-QS-5
Benzene	µg/L	2	(<1U)
Bromodichloromethane	µg/L	0.8J	(<1U)
Chloroform	µg/L	0.8J	(<1U)
Methylene chloride	µg/L	0.6JB	1B
Toluene	µg/L	2	(<1U)

NOTE: U = Not detected. Sample quantitation limits are shown as (<__U).
J = Estimated concentration below detection limit.
B = Compound detected in associated method blank.

The analytical results of the field blank and source water blank indicate that there was minor VOC contamination present. The positive result for methylene chloride in both the rinsate blank sample (EP-QS-5) and the source water blank (QD-001) should be considered false-positive due to method blank contamination (see Section D.6.1 for discussion). As benzene, bromodichloromethane, chloroform, and toluene were not detected in the diffusion samples, these results are usable as reported.

D.7 DUPLICATE FIELD SAMPLES

All precision requirements were met for the organic results for the duplicate samples (MW-NASB-069, MW-NASB-069 DUP, MW-NASB-069 [mid], MW-NASB-069 [mid] DUP, MW-NASB-069 [shallow], MW-NASB-069 [shallow] DUP, MW-NASB-076, MW-NASB-076 DUP, MW-NASB-076 [shallow], MW-NASB-076 [shallow] DUP, MW-NASB-076 [deep], MW-NASB-076 [deep] DUP, LT-901, LT-901 DUP, SED-010, and SED-010 DUP), therefore, the sample results are usable as reported. 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 was 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 the reporting limit for soil samples), and by the RPD (less than 30 percent for water samples or 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.

Duplicate field samples were collected during the monitoring well ground-water sampling program, diffusion sampling program, and leachate seep sampling program. The sample locations of the field duplicated samples were not identified to the laboratory. The precision measurements for all analytes reported above the CRQL/CRDL are defined in the tables below.

The following table shows the first set of field duplicate ground-water sample results that are associated with SDG S9MW069:

Compound	Units	MW-NASB-069	MW-NASB-069 DUP	RPD%	Difference
cis-1,2-dichloroethene	µg/L	39	37	5	---
trans-1,2-dichloroethene	µg/L	0.96J	0.85J	12	---
Vinyl chloride	µg/L	55	51	7	---
Aluminum	µg/L	52J*	52J*	NA	0
Antimony	µg/L	6.3J*	6.9J*	NA	0.6
Calcium	µg/L	5,700	5,600	NA	100
Iron	µg/L	290	270	NA	20
Magnesium	µg/L	2,700	2,700	NA	0
Manganese	µg/L	390	390	0	NR
Potassium	µg/L	1,800J*	1,900J*	NA	100
Sodium	µg/L	56,000	56,000	0	NR
Zinc	µg/L	12J*	14J*	NA	2

NOTE: J = Estimated concentration below detection limit.
J* = Analyte concentration is between the IDL and the CRDL.
NA = Not applicable; analyte concentration was less than 5 times the reporting limit.
NR = Not required; analyte concentration was greater than 5 times the reporting limit and, therefore, the RPD was applied.
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 second set of field duplicate ground-water sample results that are associated with SDG S9MW069:

Compound	Units	MW-NASB-076	MW-NASB-076 DUP	RPD%
Vinyl chloride	µg/L	0.99J	1.1J	11

NOTE: J = Estimated concentration below detection limit.

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 diffusion sample results that are associated with SDG S9DS227M:

Compound	Units	MW-NASB-076 (shallow)	MW-NASB-076 DUP (shallow)	RPD%
Acetone	µg/L	2.8J	2.6J	7

NOTE: J = Estimated concentration below detection limit.

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 diffusion sample results that are associated with SDG S9DS227M:

Compound	Units	MW-NASB-076 (deep)	MW-NASB-076 DUP (deep)	RPD%
Acetone	µg/L	2.5J	3.0J	18
NOTE: J = Estimated concentration below detection limit.				

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 diffusion sample results that are associated with SDG S9DS080M:

Compound	Units	MW-NASB-069 (shallow)	MW-NASB-069 DUP (shallow)	RPD%
Vinyl chloride	µg/L	9.5	8.8	8
Acetone	µg/L	3.2J	(<10U)	**44**
cis-1,2-dichloroethene	µg/L	13	12	8
NOTE: J = Estimated concentration below detection limit. 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 acetone. The result for acetone should be considered estimated in Sample MW-NASB-069 (shallow).

The following table shows the second set of field duplicate diffusion sample results that are associated with SDG S9DS080M:

Compound	Units	MW-NASB-069 (mid)	MW-NASB-069 DUP (mid)	RPD%
Vinyl chloride	µg/L	57	57	0
trans-1,2-dichloroethene	µg/L	1.1J	1.1J	0
cis-1,2-dichloroethene	µg/L	41	41	0
NOTE: J = Estimated concentration below detection limit.				

All precision requirements were met for the field duplicate analyses; the results are usable as reported.

The following table shows the leachate seep sample duplicate results associated with SDG S9LT901:

Compound	Units	LT-901	LT-901 DUP	RPD%
4-Isopropltoluene	µg/L	0.94J	1.0J	6
NOTE: J = Estimated concentration below detection limit.				

All precision requirements were met for the field duplicate analyses; the results are usable as reported.

The following table shows the sediment sample duplicate results associated with SDG S9SD010:

Compound	Units	SED-010	SED-010 DUP	RPD%
Bromoform	µg/Kg	19J	26J	**31**

NOTE: 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 bromoform. The result for bromoform should be considered estimated in Sample SED-010.

D.8 METHOD DETECTION LIMITS FOR SEDIMENT AND AQUEOUS SAMPLES

Appendix D.1 provides the method detection limits for sediment 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 Sediment and Aqueous Samples

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	---	---	---	---	---	---

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]									
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

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
[illegible]									
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	--	--	--	--	--	--
[illegible]									
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

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]									
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

Appendix E.1

Field Record of
Well Gauging Forms

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FIELD RECORD OF WELL GAUGING

Project Name:	Site 9	Project No: 29600.47	Date: 4/2/02
Weather/Temperature:	Sunny, clear, mid 40's		
EA Personnel:	JAP, SW	Equipment:	Solinist W.L. Indicator

	Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
NEX	08	✓	✓	0	0	Good		59.22	1.89		57.33
	09	✓	✓	0	0	Good		59.00	3.37		55.63
	10	✓	✓	0	0	Good		62.03	6.37		55.66
	204	✓	✓	0	0	Good		62.09	7.77	17.93	54.32
	081	✓	✓	0	0	Good		58.22	10.57	18.85	47.65
	022	✓	✓	0	0	Good		59.52	9.65	bags Present	49.87
	080	✓	✓	0	0	Good		58.51	10.66	bags	47.85
	021	✓	✓	0	0	Good		57.35	11.23	bags	46.12
	069	✓	✓	0	0	Good		57.35	10.63	bags	46.72
	079	✓	✓	0	0	Good		58.15	11.35	pump in	46.80
	070	✓	✓	0	0	Good		58.26	11.50	pump in	46.76
	227	✓	✓	0	0	Good		58.39	9.75	bags	48.64
	076	✓	✓	0	0	Good		52.79	10.97	bags	41.82
	075	✓	✓	0	0	Good		54.91	13.02	bags	41.89
	074	✓	✓	0	0	Good		51.68	9.33	bags	42.35
	072	✓	✓	0	0	Good		49.81	8.86	bags	40.95
	078	✓	✓	0	0	Good		53.74	8.82	pump in	44.92
	077	✓	✓	0	0	Good		58.89	15.85	pump in	43.04

NOTE: All measurements in feet mean sea level.

EA ENGINEERING, SCIENCE, AND TECHNOLOGY

FIELD RECORD OF WELL GAUGING

Project Name:	Site 9	Project No: 29600.47	Date: 4/2/02
Weather/Temperature:			
EA Personnel:	JAP, SW	Equipment:	Solinist WL. Indicator

Well No.	Labeled/ Capped	Well Locked	VOCs Concentration (ppm) Air Ambient	VOCs Concentration (ppm) Well Mouth	Casing/Seal	Protective Casing Elevation (ft)	PVC Casing Elevation (ft)	Depth to Water (ft)	Measured Well Depth (ft)	Water Table Elevation (ft)
Stream Gauge	SG-2A						34.41	2.40		36.81
Stream Gauge	SG-1B		Damaged- no data collected							
071	✓	✓	0	0	Good		46.25	1.40	bags	44.85
073	✓	✓	0	0	Good		51.71	8.35		43.36

NOTE: All measurements in feet mean sea level.

Appendix E.2

Field Record of Well Gauging, Purging, and Sampling Forms

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: BNAS
WELL I.D.: MW NASB071
WELL CONDITION: Good

PROJECT NUMBER: 29600.47.1530
WELL LOCK STATUS: Locked
WEATHER: cloudy 50's

GAUGE DATE: 4/8/02
SOUNDING METHOD: Water level indicator
STICK UP/DOWN (ft):

GAUGE TIME:
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/8/02
PURGE METHOD: Grundfos
AMBIENT AIR VOCs (ppm) Start: End:

PURGE TIME: 1505
FIELD PERSONNEL: J Parrett / P. Padua
WELL MOUTH VOCs (ppm): Start: End:

WELL VOLUME

A. WELL DEPTH (ft): 1.86
B. DEPTH TO WATER (ft):
C. LIQUID DEPTH (ft) (A-B):

D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Parameter	Beginning	1	2	3	4	5
Time (min)	15:05	15:20	15:25	15:30	15:35	15:40
Depth to Water (ft)	1.86	2.80	2.87	3.03	3.04	3.06
Purge Rate (L/min)	—	.5	.5	.5	.5	.5
Volume Purged (L)	—	2.5	5.0	7.5	10.0	12.5
pH	6.76	6.15	6.40	6.45	6.46	6.46
Temperature (°C)	12.64	12.93	13.35	13.38	13.39	13.42
Conductivity (µmhos/cm)	252	242	222	213	204	199
Dissolved Oxygen (mg/L)	1.41 4.4	0.28	0.19	0.17	0.17	0.16
Turbidity (NTU)	—	91.4	31.1	11	9	7
Eh (mv)	?	107	106	98	97	97

TOTAL QUANTITY OF WATER REMOVED (L): 17 23

SAMPLERS: JAP/PP
SAMPLING DATE: 4/8/02
SAMPLE TYPE: low flow grab
SAMPLE BOTTLE IDs: see below
SAMPLE PARAMETERS: VOC 8260B

SAMPLING TIME (START/END): 1605
DECONTAMINATION FLUIDS USED: DI, Isa., Alconox
SAMPLE PRESERVATIVES: HCl

COMMENTS AND OBSERVATIONS:
BN-20-S9-DS071S - HOLD 1455
BN-20-S9-DS071M - HOLD 1500
BN-20-S9-DS071D 1505
BN-20-S9-MW071-VOC - 1605

NOTE: Pumping rate is high - control box on lowest setting

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

Sheet 2

SITE NAME: NASB
WELL I.D.: ~~MW-NASB-07~~ 1
WELL CONDITION:

PROJECT NUMBER:
WELL LOCK STATUS:
WEATHER:

GAUGE DATE:
SOUNDING METHOD:
STICK UP/DOWN (ft):

GAUGE TIME:
MEASUREMENT REF:
WELL DIAMETER (in.):

PURGE DATE:
PURGE METHOD:
AMBIENT AIR VOCs (ppm) Start: _____ End: _____

PURGE TIME:
FIELD PERSONNEL:
WELL MOUTH VOCs (ppm): Start: _____ End: _____

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft):
C. LIQUID DEPTH (ft) (A-B):

D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Parameter	Beginning	~~#~~ 6	~~#~~ 7	~~#~~ 8	~~#~~ 9	~~#~~ 10
Time (min)		15:45	15:50	15:55	15:58	16.01
Depth to Water (ft)		3.05	3.07	2.97	3.05	3.05
Purge Rate (L/min)		.5	.5	.5	.5	.5
Volume Purged (L)		15.0	17.5	20.0	~~7.5~~ 21.5	23.0
pH		6.46	6.45	6:45	6.44	6.42
Temperature (°C)		13.43	13.43	13.43	13.44	13.44
Conductivity (µmhos/cm)		195	191	190	190	188
Dissolved Oxygen (mg/L)		0.16	0.17	0.17	0.17	0.18
Turbidity (NTU)		3.8	3.9	5.9	.3	3
Eh (mv)		96	95	95	95	95

TOTAL QUANTITY OF WATER REMOVED (L):

SAMPLERS:
SAMPLING TIME (START/END):

SAMPLING DATE:
DECONTAMINATION FLUIDS USED:

SAMPLE TYPE:
SAMPLE PRESERVATIVES:

SAMPLE BOTTLE IDs:

SAMPLE PARAMETERS:

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
WELL I.D.: MW - NASB - 072
WELL CONDITION: Good

PROJECT NUMBER: 29600 47
WELL LOCK STATUS: Good
WEATHER: overcast Cool (40-50)

GAUGE DATE: 4/8/02
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft):

GAUGE TIME: 1100
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/8/02
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME:
FIELD PERSONNEL: MAC, BDM
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 9.01
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Diffuser Low flow

Parameter	Beginning	1	2	3	4	5
Time (min)	1115	1125	1130	1135	1140	1145
Depth to Water (ft)	9.01	9.01	~~8.68~~ MAC 9.08	9.08	9.08	9.08
Purge Rate (L/min)	—	.2	.2	.2	.2	.2
Volume Purged (L)	—		1.0	2.0	3.0	4.0
pH	6.55		5.16	5.67	5.96	6.06
Temperature (°C)	7.50	9.43	8.62	9.25	10.79	11.32
Conductivity (µmhos/cm)	42	59 MAC	50	59	64	65
Dissolved Oxygen (mg/L)	7.31	7.29	7.11	6.54	5.76	5.78
Turbidity (NTU)	NA	41	36	26	18	5
Eh (mv)	284	495	441	361	318	296

TOTAL QUANTITY OF WATER REMOVED (L): 9.8

SAMPLERS: MAC, BDM
SAMPLING TIME (START/END): 1220
SAMPLING DATE: 4/8/02
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BW-20-S9-MW072
SAMPLE PARAMETERS: VOC 8260

COMMENTS AND OBSERVATIONS:

BW-20-S9-DS72S - 1110 Hold
BW-20-S9-DS72D - 1112 Analyze

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: Site 9	Project No.: 29600.47.1530 Date: 4/8/02
Well ID: MW-~~027~~ MAC MW-072	Field Personnel: MAC/BA

Parameter	6	7	8	9	10	11
Time (min.)	1150	1155	1200	1205	1208	1211
Depth to Water (ft)	9.10	9.10	9.10	9.11	9.11	9.11
Purge Rate (L/min)	.2	.2	.2	.2	.2	.2
Volume Purged (L)	5.0	6.0	7.0	8.0	~~9.0~~ 8.6 MAC	~~10.0~~ 9.2 MAC
pH	6.12	6.16	6.19	6.20	6.21	6.21
Temperature (°C)	12.53	12.69	12.56	12.41	12.39	12.35
Conductivity (μmhos/cm)	66	68	73	72	76	75
Dissolved Oxygen (mg/L)	5.50	5.06	4.80	4.79	4.62	4.61
Turbidity (NTU)	4	1	1	0.2	0.2	0.1
Eh (mv)	281	267	255	248	245	243

Parameter	12	13	14	15	16	17
Time (min)	1214					
Depth to Water (ft)	9.11					
Purge Rate (L/min)	.2					
Volume Purged (L)	~~11.0~~ 10.7 9.8 MAC					
pH	6.21					
Temperature (°C)	12.33					
Conductivity (μmhos/cm)	77					
Dissolved Oxygen (mg/L)	4.59					
Turbidity (NTU)	0.1					
Eh (mv)	241					

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
WELL I.D.: MW-NASB-074
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: sunny, breezy & 40°F

GAUGE DATE: 4/4/02
SOUNDING METHOD: elec cond
STICK UP/DOWN (ft): ~3'

GAUGE TIME: 1615
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/4/02
PURGE METHOD: low flow
AMBIENT AIR VOCs (ppm) Start: - End: -

PURGE TIME: 1620
FIELD PERSONNEL: SW/JP
WELL MOUTH VOCs (ppm): Start: - End: -

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 9.33
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

In-situ

Parameter	Beginning	1	2	3	4	5
Time (min)	1615	1620	1625	1635	1640	1645
Depth to Water (ft)	9.33	9.67	9.63	9.63	9.63	9.63
Purge Rate (L/min)	-	200	200	200	200	200
Volume Purged (L)	-	-	1.0	3.0	4.0	5.0
pH	6.68	6.50	6.48	6.39	6.39	6.39
Temperature (°C)	10.63	11.66	13.31	13.13	13.69	14.02
Conductivity (μmhos/cm)	242	224	240	236	238	237
Dissolved Oxygen (mg/L)	3.15	0.49	0.44	1.10	0.52	0.39
Turbidity (NTU)	-	-	-	-	32	22
Eh (mv)	-87	87	59	50	55	54

TOTAL QUANTITY OF WATER REMOVED (L): 7.2

SAMPLERS: SW/JP
SAMPLING TIME (START/END): 1700

SAMPLING DATE: 4/4/02
DECONTAMINATION FLUIDS USED: Alc/Iso/DI

SAMPLE TYPE: grab/diffusion
SAMPLE PRESERVATIVES: HCl

SAMPLE BOTTLE IDs: BN-20-59-050743, BN-20-59-050744M, BN-20-59-050745D, BN-20-59-MW074

SAMPLE PARAMETERS:

COMMENTS AND OBSERVATIONS: * Flow cell dumped, skip last reading.
BN-20-59-MW074 sampled @ 1700

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB	Project No.: 29600.47	Date: 4/4/02
Well ID: MW-NASB-07	Field Personnel: SW/JP	

Parameter	6	7	8	9	10	11
Time (min.)	1650	1653	1656			
Depth to Water (ft)	9.63	9.63	9.63			
Purge Rate (L/min)	200	200	200			
Volume Purged (L)	6.0	6.6	7.2			
pH	6.38	6.37	6.37			
Temperature (°C)	14.10	14.13	14.17			
Conductivity (μmhos/cm)	237	238	238			
Dissolved Oxygen (mg/L)	0.33	0.33	0.33			
Turbidity (NTU)	7	5	4			
Eh (mv)	57	56	57			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
WELL I.D.: MW-NASB-075
WELL CONDITION: very good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: cloudy ~45°F

GAUGE DATE: 4/8/02
SOUNDING METHOD: water level indicator
STICK UP/DOWN (ft):

GAUGE TIME:
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/8/02
PURGE METHOD: grunfos
AMBIENT AIR VOCs (ppm) Start: End:

PURGE TIME: 11:20
FIELD PERSONNEL: J. Parrett / P. Padmo
WELL MOUTH VOCs (ppm): Start: End:

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 12.93'
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

InSitu

Parameter	Beginning	1*	2	3	4	5
Time (min)	1120	11:25	11:30	11:35	11:40	11:45
Depth to Water (ft)	12.93	13.12	~~12.99~~ 13.13	~~13.55~~ 13.15	13.07	~~16.31~~ 13.06
Purge Rate (L/min)	—		.2	.1	.1	.1
Volume Purged (L)	—		2	2.5	3.0	3.5
pH	6.50		5.96	6.04	6.08	6.09
Temperature (°C)	11.39	11	11.99	13.55	14.45	16.33
Conductivity (µmhos/cm)	247		249	245	261	275
Dissolved Oxygen (mg/L)	2.58	8.29	5.89	3.44	2.15	1.31
Turbidity (NTU)	—		28.6	31	24	22
Eh (mv)	254		~~252~~ 107.2	107	108	107

TOTAL QUANTITY OF WATER REMOVED (L): ~10 L

SAMPLERS: JAP/PP
SAMPLING TIME (START/END): 1230/1235
SAMPLING DATE: 4/8/02
DECONTAMINATION FLUIDS USED: DI, Iso., Alconox
SAMPLE TYPE: lowflow grab
SAMPLE PRESERVATIVES:
SAMPLE BOTTLE IDs: BN-20-59-DS075 S/M/D; BN-20-59-MW075
SAMPLE PARAMETERS: VOCs

COMMENTS AND OBSERVATIONS:

DS075S - 1110 Hold MW075 @ 1230
M - 1115 Hold
D - 1120 analyze

* problem w/ control box - pumping suspended

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB	Project No.: 29600.47 Date: 4/8/02
Well ID: MW-NASB-075	Field Personnel: Jill Parrett / Penelope Padmore

Parameter	6	7	8	9	10	11
Time (min.)	11:50	11:55	12:00	12:05	12.10	12:15
Depth to Water (ft)	13.06	13.06	13.06	13.06	13.06	13.06
Purge Rate (L/min)	.1	.1	.1	.1	.1	.1
Volume Purged (L)	4.0	4.5	5.0	5.5	6.0	6.5
pH	6.08	6.09	6.09	6.08	6.08	6.08
Temperature (°C)	17.25	17.37	17.62	17.70	17.80	17.87
Conductivity (μmhos/cm)	282.0	282	292	288	287	288
Dissolved Oxygen (mg/L)	0.95	0.96	0.88	0.82	0.80	0.82
Turbidity (NTU)	20.9	19.	18	17	16	16
Eh (mv)	106	106	106	105	105	105

Parameter	12	13	14	15	16	17
Time (min)	12:20	12:23	12:26			
Depth to Water (ft)	13.06	13.06	13.06			
Purge Rate (L/min)	.1	.1	.1			
Volume Purged (L)	7.0	7.5	8.0			
pH	6.08	6.08	6.07			
Temperature (°C)	17.90	17.95	18.12			
Conductivity (μmhos/cm)	290.	288	289			
Dissolved Oxygen (mg/L)	0.92	.92	.92			
Turbidity (NTU)	4.4	4.4	3.9			
Eh (mv)	104.7	104	104			

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
WELL I.D.: MW-NASB-076
WELL CONDITION: 3 dented roadbox

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: Sunny, low 50's

GAUGE DATE: 4/2/07
SOUNDING METHOD: w.l. indicator
STICK UP/DOWN (ft): ≈3'

GAUGE TIME: 1315
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/3/02
PURGE METHOD: Grundfos
AMBIENT AIR VOCs (ppm) Start: - End: -

PURGE TIME: 1315
FIELD PERSONNEL: JHP/SW
WELL MOUTH VOCs (ppm): Start: - End: -

WELL VOLUME

A. WELL DEPTH (ft): 19.18
B. DEPTH TO WATER (ft): 10.94
C. LIQUID DEPTH (ft) (A-B):

D. WELL VOLUME/FT (L): 1
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Parameter	Beginning	1	2	3	4	5
Time (min)	1350	1355	1400	1405	1410	1415
Depth to Water (ft)	11.03	11.03	11.04	11.04	11.04	11.04
Purge Rate (L/min)	.100	.100	.100	.100	.100	.100
Volume Purged (L)	—	0.5	1.0	1.5	2.0	2.5
pH	3.98	5.25	5.65	5.75	5.81	5.86
Temperature (°C)	13.25	13.60	16.86	19.24	17.55	15.55
Conductivity (μmhos/cm)	161	~~171~~ 167	171	186	187	179
Dissolved Oxygen (mg/L)	2.50	2.02	1.90	1.95	1.28	1.16
Turbidity (NTU)	3	2	3	4	2	3
Eh (mv)	247	206	198	192	180	148

TOTAL QUANTITY OF WATER REMOVED (L): 5.6

SAMPLERS: SW/JHP
SAMPLING TIME (START/END): 1450/1455

SAMPLING DATE: 4/3/02
DECONTAMINATION FLUIDS USED: Alconox, DI, Iso.

SAMPLE TYPE: low flow grab
SAMPLE PRESERVATIVES: HCl

SAMPLE BOTTLE IDs: BN-20-S9-076S; BN-20-S9-076M; BN-20-S9-076D; BN-20-S9-076

SAMPLE PARAMETERS: VOC 8260B

COMMENTS AND OBSERVATIONS: BN-20-S9-MW076 sampled @ 1450

Duplicates taken: BN-20-S9-076S = BN-20-S9-DSXD1
BN-20-S9-076D = BN-20-S9-DSXD2
low flow BN-20-S9-076 = BN-20-S9-MWXD2

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB		Project No.: 29600.47	Date: 4/3/02
Well ID: MW-NASB-076		Field Personnel: SW/JAP	

Parameter	6	7	8	9	10	11
Time (min.)	1420	1425	1430	1435	1440	1443
Depth to Water (ft)	11.04	11.04	11.04	11.04	11.04	11.04
Purge Rate (L/min)	.100	.100	.100	.100	.100	.100
Volume Purged (L)	3	3.5	4	4.5	5	5.5
pH	5.89	5.93	5.97	6.00	6.02	6.04
Temperature (°C)	15.35	15.24	15.15	15.13	15.22	15.20
Conductivity (μmhos/cm)	178	177	179	180	181	182
Dissolved Oxygen (mg/L)	1.06	0.97	0.85	0.81	0.74	0.73
Turbidity (NTU)	3	3	2	2	1	1
Eh (mv)	122	95	72	56	35	29

INSITU (pre PURGE)

Parameter	12	13	14	15	16	17
Time (min)	1446					1335
Depth to Water (ft)	11.04					10.94
Purge Rate (L/min)	.100					—
Volume Purged (L)	6					—
pH	6.05					5.84
Temperature (°C)	15.21					9.91
Conductivity (μmhos/cm)	183					171
Dissolved Oxygen (mg/L)	0.72					2.84
Turbidity (NTU)	1					—
Eh (mv)	29					200

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: BNAS-Site9
WELL I.D.: MW-NAS8-079
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: Good
WEATHER: breezy, cool, partly sunny

GAUGE DATE: 4/4/02
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): —

GAUGE TIME: 1110
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2

PURGE DATE: 4/4/02
PURGE METHOD: Lo flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1115
FIELD PERSONNEL: MHC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 11.05
C. LIQUID DEPTH (ft) (A-B):

D. WELL VOLUME/FT (L): 0.16
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Parameter	Beginning	1	2	3	4	5
Time (min)	1115	1120	1125	1130	1135	1140
Depth to Water (ft)	11.05	11.30	11.32	11.31	11.32	11.34
Purge Rate (L/min)	.3	.3	.3	.3	.3	.3
Volume Purged (L)	—	1.5L	3.0	4.5	6.0	7.5
pH	6.98	7.15	7.17	7.17	7.17	7.15
Temperature (°C)	14.45	13.72	14.40	15.19	15.38	15.60
Conductivity (µmhos/cm)	254	214	250	250	264	284
Dissolved Oxygen (mg/L)	0.89	0.27	0.22	0.19	0.29	0.29
Turbidity (NTU)	190.3	63.0	26.2	15.4	10.6	8
Eh (mv)	3.7	15.9	23.5	31.0	33.9	38

TOTAL QUANTITY OF WATER REMOVED (L): 11.7L

SAMPLERS: MAC/BA
SAMPLING TIME (START/END): 1200
SAMPLING DATE: 4/4/02
DECONTAMINATION FLUIDS USED:
SAMPLE TYPE: Lo flow/Grab
SAMPLE PRESERVATIVES: ~~HCl~~, HNO_3
SAMPLE BOTTLE IDs: BN-20-S9-MW079
SAMPLE PARAMETERS: SVOC, TAL Metals

COMMENTS AND OBSERVATIONS: lots of rust/growth/foaling when first purging
Conductivity jumping around a lot

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB	Project No.:	Date: 4/4/02
Well ID: MW-NASB079	Field Personnel: BA/MAC	

Parameter	6	7	8	9	10	11
Time (min.)	1145	1148	1151	1154		
Depth to Water (ft)	11.34	11.34	11.34	11.34		
Purge Rate (L/min)	.3	.3	.3	.3		
Volume Purged (L)	9.0	9.9	10.8	11.7		
pH	7.14	7.14	7.14	7.10		
Temperature (°C)	15.72	15.75	15.72	15.32		
Conductivity (μmhos/cm)	223	264	264	264		
Dissolved Oxygen (mg/L)	0.30	0.30	0.30	0.47		
Turbidity (NTU)	8	8	14/3*	9		
Eh (mv)	39	40	40	38		

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS * Dumped cell + cleaned TU probe

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME:	NASB	PROJECT NUMBER:	29600.47
WELL I.D.:	MW-NASB-080	WELL LOCK STATUS:	locked
WELL CONDITION:	good	WEATHER:	sunny, breezy 35°F
GAUGE DATE:	4/4/03	GAUGE TIME:	0945
SOUNDING METHOD:	elec cond	MEASUREMENT REF:	TOC
STICK UP/DOWN (ft):	~2.5'	WELL DIAMETER (in.):	2"
PURGE DATE:	4/4/03	PURGE TIME:	0955
PURGE METHOD:	low flow	FIELD PERSONNEL:	JW/SP
AMBIENT AIR VOCs (ppm)	Start: - End: -	WELL MOUTH VOCs (ppm):	Start: - End: -

WELL VOLUME

A. WELL DEPTH (ft):		D. WELL VOLUME/FT (L):	
B. DEPTH TO WATER (ft):	10.55	E. WELL VOLUME (L) (C*D):	
C. LIQUID DEPTH (ft) (A-B):		F. THREE WELL VOLUMES (L) (E*3):	

In-Situ

Parameter	Beginning	1	2	3	4	5
Time (min)	0945	0955	1000	1005	1010	1015
Depth to Water (ft)	10.55	10.78	10.62	10.61	10.61	10.61
Purge Rate (L/min)	-	100	100	100	100	100
Volume Purged (L)	-	-	0.5	1.0	1.5	2.0
pH	6.38	4.71	6.09	6.31	6.37	6.40
Temperature (°C)	10.40	9.50	12.02	13.36	15.49	16.09
Conductivity (μmhos/cm)	207	189	204	217	231	235
Dissolved Oxygen (mg/L)	4.38	3.41	2.13	2.19	1.99	1.94
Turbidity (NTU)	-	65	27	12	12	8
Eh (mv)	-161.7	207	156	151	147	143

TOTAL QUANTITY OF WATER REMOVED (L): 4.1

SAMPLERS:	JW/SP	SAMPLING TIME (START/END):	1040
SAMPLING DATE:	4/4/02	DECONTAMINATION FLUIDS USED:	Ale, TSO, DI
SAMPLE TYPE:	low flow grab	SAMPLE PRESERVATIVES:	HCl
SAMPLE BOTTLE IDs:	BW-20-59-MW080, BW-20-59-050805, BW-20-59-050805M, BW-20-59-0800		
SAMPLE PARAMETERS:	VOC		

COMMENTS AND OBSERVATIONS: shallow diffuser bag had a hole. Air was observed inside bag.

Sample low flow @ 1040

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB	Project No.: 29600247	Date: 4/4/03
Well ID: MW-NASB-080	Field Personnel: SWJS	

Parameter	6	7	8	9	10	11
Time (min.)	1020	1025	1030	1033	1036	
Depth to Water (ft)	10.61	10.61	10.61	10.61	10.61	
Purge Rate (L/min)	100	100	100	100	100	
Volume Purged (L)	2.5	3.0	3.5	3.8	4.1	
pH	6.41	6.42	6.42	6.42	6.42	
Temperature (°C)	16.80	16.11	16.39	16.27	16.19	
Conductivity (μmhos/cm)	243	238	243	242	241	
Dissolved Oxygen (mg/L)	1.64	1.60	1.56	1.53	1.51	
Turbidity (NTU)	5	4	4	4	3	
Eh (mv)	135	127	120	119	116	

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
PROJECT NUMBER: 29600.47
WELL I.D.: MW-NASB-021
WELL LOCK STATUS: locked
WELL CONDITION: good
WEATHER: sunny, ~35°F breezy

GAUGE DATE: 4/4/02
GAUGE TIME: 1045
SOUNDING METHOD: elec cond
MEASUREMENT REF: TOC
STICK UP/DOWN (ft): ~3'
WELL DIAMETER (in.): 2"

PURGE DATE: 4/4/02
PURGE TIME: 1050
PURGE METHOD: diffusion
FIELD PERSONNEL: SW/JP
AMBIENT AIR VOCs (ppm) Start: - End: -
WELL MOUTH VOCs (ppm): Start: - End: -

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 10.55
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Low flow

Parameter	Beginning	1	2	3	4	5
Time (min)	1055					
Depth to Water (ft)	11.11					
Purge Rate (L/min)	-					
Volume Purged (L)	-					
pH	6.52					
Temperature (°C)	13.70					
Conductivity (µmhos/cm)	238					
Dissolved Oxygen (mg/L)	5.37					
Turbidity (NTU)	-					
Eh (mv)	-179.5					

TOTAL QUANTITY OF WATER REMOVED (L): -

SAMPLERS: SW/JP
SAMPLING TIME (START/END): 1050/1053
SAMPLING DATE: 4/4/02
DECONTAMINATION FLUIDS USED: -
SAMPLE TYPE: diffusion
SAMPLE PRESERVATIVES: HCl
SAMPLE BOTTLE IDs: VOC
SAMPLE PARAMETERS: BN-20-59DS021S, BN-20-59-DS021D

COMMENTS AND OBSERVATIONS:

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
WELL I.D.: MW-NASB-022
WELL CONDITION: Good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: good
WEATHER: clear, cold, breezy

GAUGE DATE: 4/4/02
SOUNDING METHOD: slope indicator
STICK UP/DOWN (ft): Low flow

GAUGE TIME: 1510
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/4/02
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: 0 End:

PURGE TIME: 1525-
FIELD PERSONNEL: MAC/BA
WELL MOUTH VOCs (ppm): Start: 0 End:

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 9.56
C. LIQUID DEPTH (ft) (A-B):

D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Diffuser Low flow Recorded

Parameter	~~Beginning~~	1	2	3	4	5
Time (min)	1517	1525	1530	1535	1540	1545
Depth to Water (ft)		9.35	9.60	9.74	9.70	9.70
Purge Rate (L/min)		.3	.3	.3	.3	.3
Volume Purged (L)			1.5	~~1.5~~ 3.0	4.5	6.0
pH	6.46	6.11	6.21	5.52	6.13	6.26
Temperature (°C)	6.63	8.20	7.91	9.11	9.30	9.52
Conductivity (µmhos/cm)	50	65	55	60	59	59
Dissolved Oxygen (mg/L)	12.78	12.11	12.17	12.16	12.09	11.99
Turbidity (NTU)		103	118	41	25	15
Eh (mv)	257	40	20	42	24	23

TOTAL QUANTITY OF WATER REMOVED (L): 9.3

SAMPLERS: BA/MAC
SAMPLING TIME (START/END): 1600
SAMPLING DATE: 4/4/02
DECONTAMINATION FLUIDS USED:
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-20-59-MW022
SAMPLE PARAMETERS: VOC only

COMMENTS AND OBSERVATIONS: S-1505 M-1508 D-1512 Hold surface + mid samples
Recent building demolition 15 yds away!
Diffusers
BN-20-59-DS225
BN-20-59-DS224
BN-20-59-DS220

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB	Project No.:	Date: 4/4/02
Well ID: MW-NASB-022	Field Personnel: BA/MA	

Parameter	6	7	8	9	10	11
Time (min.)	1550	1553	~~1600~~ MA 1556	1559		
Depth to Water (ft)	9.70	9.70	9.70	9.70		
Purge Rate (L/min)	.3	.3	.3	.3		
Volume Purged (L)	7.5	8.4	9.3	10.2		
pH	6.34	6.37	6.39			
Temperature (°C)	9.65	9.70	9.71			
Conductivity (μmhos/cm)	58	58	57			
Dissolved Oxygen (mg/L)	11.95	11.93	11.92			
Turbidity (NTU)	7	6	4			
Eh (mv)	19	17	20			

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
PROJECT NUMBER: 29600.47
WELL I.D.: MW-NASB-227
WELL LOCK STATUS: locked
WELL CONDITION: good
WEATHER: sunny ≈ 40°F

GAUGE DATE: 4/4/02
GAUGE TIME: 1135
SOUNDING METHOD: elec. cond
MEASUREMENT REF: TOC
STICK UP/DOWN (ft): ≈2.5'
WELL DIAMETER (in.): 2"

PURGE DATE: 4/4/02
PURGE TIME: 1140
PURGE METHOD: low flow
FIELD PERSONNEL: SW/JP
AMBIENT AIR VOCs (ppm) Start: - End: -
WELL MOUTH VOCs (ppm): Start: - End: -

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 9.63
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

TALSIKA

Parameter	Beginning	1	2	3	4	5
Time (min)	1135	1140	1145	1150	1155	1200
Depth to Water (ft)	9.63	9.70	9.76	9.77	9.77	9.78
Purge Rate (L/min)	-	100	100	100	100	100
Volume Purged (L)	-	-	0.5	1.0	1.5	2.0
pH	6.18	6.18	6.05	6.06	6.04	6.03
Temperature (°C)	12.51	12.19	12.15	13.13	13.46	13.27
Conductivity (μmhos/cm)	188	169	163	169	171	170
Dissolved Oxygen (mg/L)	6.46	1.23	0.66	0.54	0.47	0.42
Turbidity (NTU)	-	-	-	-	-	-
Eh (mv)	-205.6	149	146	143	146	150

TOTAL QUANTITY OF WATER REMOVED (L): 6.6

SAMPLERS: SW/JP
SAMPLING TIME (START/END): 1255
SAMPLING DATE: 4/4/02
DECONTAMINATION FLUIDS USED: N2, Iso, DI
SAMPLE TYPE: diffusion/grab
SAMPLE PRESERVATIVES: HCL
SAMPLE BOTTLE IDs: BN-20-59-052275, BN-20-59-052277M MS/MSD, BN-20-59-052270, BN-20-59-MW227
SAMPLE PARAMETERS: VOC
COMMENTS AND OBSERVATIONS: BN-20-59-MW227 sampled @ 1255

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB Site 09	Project No.: 29600.47	Date: 4/4/02
Well ID: MW-NASB-227	Field Personnel: SW/JA	

Parameter	6	7	8	9	10	11
Time (min.)	1205	1210	1215	1220	1225	1230
Depth to Water (ft)	9.78	9.78	9.78	9.78	9.78	9.78
Purge Rate (L/min)	100	100	100	100	100	100
Volume Purged (L)	2.5	3.0	3.5	4.0	4.5	5.0
pH	6.00	6.01	6.00	5.99	5.99	5.98
Temperature (°C)	13.79	14.13	14.28	14.29	14.20	14.03
Conductivity (μmhos/cm)	171	172	173	173	172	171
Dissolved Oxygen (mg/L)	0.55	0.40	0.37	0.35	0.34	0.34
Turbidity (NTU)	–	90	60	38	23	16
Eh (mv)	195	188	187	187	189	190

Parameter	12	13	14	15	16	17
Time (min)	1235	1240	1243	1246		
Depth to Water (ft)	9.78	9.78	9.78	9.78		
Purge Rate (L/min)	100	100	100	100		
Volume Purged (L)	5.5	6.0	6.3	6.6		
pH	5.98	5.97	5.97	5.97		
Temperature (°C)	14.39	14.29	14.59	14.63		
Conductivity (μmhos/cm)	171	171	172	172		
Dissolved Oxygen (mg/L)	0.32	0.31	0.32	0.31		
Turbidity (NTU)	11	7	6	5		
Eh (mv)	192	194	195	195		

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB - Site 9
WELL I.D.: MW-NASB-069
WELL CONDITION: Broken lid

PROJECT NUMBER: 29600047
WELL LOCK STATUS: Good
WEATHER: Sun, breezy, cool

GAUGE DATE: 4/4/02
SOUNDING METHOD: Slope indicator
STICK UP/DOWN (ft):

GAUGE TIME: 0916
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/4/02
PURGE METHOD: Low flow
AMBIENT AIR VOCs (ppm) Start: 0 End: 0

PURGE TIME: 1010
FIELD PERSONNEL: MAC, BA
WELL MOUTH VOCs (ppm): Start: 0 End: 0

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 10.51
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L): 1010
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Diffuser | Low flow

Parameter	~~Beginning~~	1	2	3	4	5
Time (min)	0950	1010	1015	1020	1025	1028
Depth to Water (ft)	10.51	10.60	10.60	10.60	10.60	10.60
Purge Rate (L/min)	NA	.200	.200	.200	.200	.200
Volume Purged (L)	NA	—	1.0	2.0	3.0	3.6
pH	6.25	5.40	5.76	6.07	6.13	6.15
Temperature (°C)	13.30	12.45	13.60	14.49	14.65	14.70
Conductivity (µmhos/cm)	272	244	243	250	250	250
Dissolved Oxygen (mg/L)	BA 1.44 0.95	1.25	0.80	0.54	0.49	0.47
Turbidity (NTU)		18	22	13	8	5
Eh (mv)	197	38	17	15	13	12

TOTAL QUANTITY OF WATER REMOVED (L): 3.9L

SAMPLERS: MAC BA
SAMPLING TIME (START/END): 1040 - 1055
SAMPLING DATE: 4/4/02
DECONTAMINATION FLUIDS USED: DI
SAMPLE TYPE: Grab
SAMPLE PRESERVATIVES: HCL, HNO_3
SAMPLE BOTTLE IDs: BN-20-59-MW069 MS/MSD and Dup
SAMPLE PARAMETERS: VOC, SVOC, TAL metals

COMMENTS AND OBSERVATIONS:

Diffuser DS69S @ 0940 ✓ Dup DS×D3 ✓
DS69M 0942 ✓ Dup DS×D4 ✓
DS69D 0944 ✓

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB - Site9	Project No.: 29600.47	Date: 4/4/02
Well ID: MW NASB 069	Field Personnel: BA/MAC	

Parameter	6	7	8	9	10	11
Time (min.)	1031					
Depth to Water (ft)	10.60					
Purge Rate (L/min)	.200					
Volume Purged (L)	3.9					
pH	6.16					
Temperature (°C)	14.79					
Conductivity (μmhos/cm)	250					
Dissolved Oxygen (mg/L)	0.50					
Turbidity (NTU)	5					
Eh (mv)	11					

Parameter	12	13	14	15	16	17
Time (min)						
Depth to Water (ft)						
Purge Rate (L/min)						
Volume Purged (L)						
pH						
Temperature (°C)						
Conductivity (μmhos/cm)						
Dissolved Oxygen (mg/L)						
Turbidity (NTU)						
Eh (mv)						

COMMENTS AND OBSERVATIONS _____

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING

SITE NAME: NASB
WELL I.D.: MW-NASB-070
WELL CONDITION: good

PROJECT NUMBER: 29600.47
WELL LOCK STATUS: locked
WEATHER: overcast, windy, high 30

GAUGE DATE: 4/4/02
SOUNDING METHOD: clear, cond
STICK UP/DOWN (ft): ≈3'

GAUGE TIME: 1430
MEASUREMENT REF: TOC
WELL DIAMETER (in.): 2"

PURGE DATE: 4/4/02
PURGE METHOD: Grundfos

PURGE TIME: 1430
FIELD PERSONNEL: SW/JAP

AMBIENT AIR VOCs (ppm) Start: - End: -

WELL MOUTH VOCs (ppm): Start: - End: -

WELL VOLUME

A. WELL DEPTH (ft):
B. DEPTH TO WATER (ft): 11.36
C. LIQUID DEPTH (ft) (A-B):
D. WELL VOLUME/FT (L):
E. WELL VOLUME (L) (C*D):
F. THREE WELL VOLUMES (L) (E*3):

Parameter	Beginning	1	2	3	4	5
Time (min)	1435	1440	1445	1450	1455	1500
Depth to Water (ft)	11.90	11.68	11.69	11.69	11.69	11.69
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	—	1	2	3	4	5
pH	5.91	5.87	5.86	5.84	5.83	5.83
Temperature (°C)	10.84	11.06	12.44	13.35	13.68	13.88
Conductivity (μmhos/cm)	70	66	63	62	65	67
Dissolved Oxygen (mg/L)	3.64	2.87	1.93	1.46	1.13	1.07
Turbidity (NTU)	22	20	18	16	15	15
Eh (mv)	347	297	276	263	258	255

TOTAL QUANTITY OF WATER REMOVED (L): 13.0

SAMPLERS: SW/JAP

SAMPLING TIME (START/END): 1535/1545

SAMPLING DATE: 4/4/02

DECONTAMINATION FLUIDS USED: DI, Alconox, Iso.

SAMPLE TYPE: low-flow grab

SAMPLE PRESERVATIVES: HNO_3

SAMPLE BOTTLE IDs: BN-20-59-MW070

SAMPLE PARAMETERS: TAL Metals, SVOC

COMMENTS AND OBSERVATIONS: BN-20-59-MW070 sampled @ 1540

EA Engineering, Science, and Technology

FIELD RECORD OF WELL GAUGING, PURGING, AND SAMPLING (OVERFLOW PAGE)

Site Name: NASB		Project No.: 29600.97	Date: 4/4/02
Well ID: MW-NASB-070		Field Personnel: SW/JMP	

Parameter	6	7	8	9	10	11
Time (min.)	1505	1510	1515	1520	1525	1528
Depth to Water (ft)	11.69	11.69	11.69	11.69	11.69	11.69
Purge Rate (L/min)	0.2	0.2	0.2	0.2	0.2	0.2
Volume Purged (L)	6	7	8	9	10	10.6
pH	5.82	5.82	5.82	5.81	5.80	5.80
Temperature (°C)	13.87	13.85	13.87	13.95	13.95	13.99
Conductivity (μmhos/cm)	67	66	68	68	69	68
Dissolved Oxygen (mg/L)	0.94	0.88	0.84	0.80	0.77	0.75
Turbidity (NTU)	14	14	14	14	1	1
Eh (mv)	252	251	250	249	249	248

Parameter	12	13	14	15	16	17
Time (min)	1531	1534				
Depth to Water (ft)	11.69	11.69				
Purge Rate (L/min)	0.2	0.2				
Volume Purged (L)	12.4	13				
pH	5.80	5.80				
Temperature (°C)	13.97	13.96				
Conductivity (μmhos/cm)	69	69				
Dissolved Oxygen (mg/L)	0.73	0.73				
Turbidity (NTU)	0	0				
Eh (mv)	248	248				

COMMENTS AND OBSERVATIONS

Appendix E.3

Field Record of Surface Water and Sediment Sampling Forms

EA Engineering, Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Site Name: NASB			Project Number: 29600.47
Sample Location ID: LT901			Date: 4/8/02
Sampling Time: 1400	Start: 1355	End: 1400	Sample Team Members: BA/MAC

SURFACE WATER INFORMATION

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake (x) Seep

Water Depth and Sample Location <.1 (ft)

Depth of Sample from Top of Water <.1 (ft)

Equipment Used for Collection:
(x) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
(x) Isopropyl Alcohol
( ) ASTM Type II Water
(x) Deionized Water
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None
Alconox

Water Quality Parameters
(x) Temperature 9.11 °C
(x) Conductivity 203 µmhs/cm
(x) ph 6.40 units
(x) Dissolved oxygen 0.90 mg/L
(x) Turibidity 313 NTU
(x) Eh 60 mv

Velocity Measurements Obtained? (x) No ( ) Yes, See Flow Measurement Data Record _____

Field QC Data: (x) Field Duplicate Collected
Duplicate ID BN-2059-LTXD
(x) MS/MSD

Sample Location Sketch:
( ) Yes
(x) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
( ) Discrete
( ) Composite

Sediment Type:
( ) Clay
( ) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
( ) Stainless Steel Bucket
( ) Stainless Steel Auger
( ) _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
( ) Color _____
( ) _____

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____
( ) MS/MSD

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
X	X		HCL	120ML	X	BN-20-59LT901

NOTES/SKETCH

EA Engineering Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project: LTMP			Site: NASB Site 9
Project Number: 29600.47.1530			Date: 4/8/02
Sample Location ID: SW10 / SD10			Sample Team Members: MAC / BA
Time: 1445	Start: 1435	End: 1445	Signature of Sampler: [illegible]

SURFACE WATER INFORMATION

Water Depth and Sample Location 18 (ft)

Depth of Sample from Top of Water 1 (ft)

Type of Surface Water:
(X) Stream ( ) River
( ) Pond/Lake ( ) Seep

Equipment Used for Collection:
(X) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
(X) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Velocity Measurements Obtained? ( ) No (X) Yes, See Flow Measurement Data Record .5 FPS

Temperature 8.93 Degree C. ~~Specific~~ Conductivity 224 µmhos/cm pH 6.56 Units Dissolved Oxygen 8.31 ppm

Field QC Data: ( ) Field Duplicate Collected
Duplicate ID _____

Sample Location Sketch:
( ) Yes
(X) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
(X) Discrete
( ) Composite

Sediment Type:
( ) Clay
(X) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
(X) Stainless Steel Bucket
(X) Plastic Syringe

Decontamination Fluids Used:
(X) Isopropyl Alcohol
( ) ASTM Type II Water
(X) Deionized Water
(X) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Sample Observations:
( ) Odor _____
(X) Color Brown
( ) _____

Field QC Data: (X) Field Duplicate Collected
Duplicate ID BN-20-S9-SDXD1

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
X	X		HCL	120ML	X	BN-20-S9-SW010
X		X	Methanol / Sodium bisulfate	120ML	X	BN-20-S9-SD010
				1% Moisture		

NOTES/SKETCH

Figure A-3. Field Record of Surface Water and Sediment Sampling form.

EA Engineering Science, and Technology

FIELD RECORD OF SURFACE WATER AND SEDIMENT SAMPLING

Project: NASB			Site: Site 9
Project Number: 29600.47.1530			Date: 4/30/02
Sample Location ID: Sed-10			Sample Team Members: MRC
Time: 0857	Start: 0900	End: 0913	Signature of Sampler: [illegible]

SURFACE WATER INFORMATION

Water Depth and Sample Location _____ (ft)

Depth of Sample from Top of Water _____ (ft)

Type of Surface Water:
( ) Stream ( ) River
( ) Pond/Lake ( ) Seep

Equipment Used for Collection:
( ) None, Grab into Bottle
( ) Bomb Sampler
( ) Pump _____

Decontamination Fluids Used:
( ) Isopropyl Alcohol
( ) ASTM Type II Water
( ) Deionized Water
( ) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
( ) Potable Water
( ) None

Velocity Measurements Obtained? ( ) No ( ) Yes, See Flow Measurement Data Record _____

Temperature _____ Degree C. Specific Conductivity _____ µmhos/cm pH _____ Units Dissolved Oxygen _____ ppm

Field QC Data: ( ) Field Duplicate Collected Duplicate ID _____

Sample Location Sketch:
( ) Yes
( ) No

Method Used:
( ) Winkler
( ) Probe

SEDIMENT INFORMATION

Type of Sample Collected:
(x) Discrete
( ) Composite

Sediment Type:
( ) Clay
(x) Sand
( ) Organic
( ) Gravel

Equipment Used for Collection:
( ) Gravity Corer
( ) Stainless Steel Split Spoon
( ) Dredge
( ) Hand Spoon/Trowel
( ) Aluminum Pans
(x) Stainless Steel Bucket
( ) _____

Decontamination Fluids Used:
(x) Isopropyl Alcohol
( ) ASTM Type II Water
(x) Deionized Water
(x) Liquinox Solution
( ) Hexane
( ) HNO_3 Solution
(x) Potable Water
( ) None

Clear, cold, heavy rain in prior 24 hours.

Sample Observations:
( ) Odor
(x) Color Tan, coarse sand
( ) _____

Field QC Data: (x) Field Duplicate Collected Duplicate ID BN-20-59-SDXD1A

SAMPLES COLLECTED

Check if Required at this Location	Matrix: Surface Water	Matrix: Sediment	Check if Preserved with Acid/Base	Volume Required	Check if Sample Collected	Sample Bottle IDs
		x			x	BN-20-59-SD010A

NOTES/SKETCH

Resample of sed. only due to lab error. No Water Qual parameters
Preservatives - Methanol - 140 ML vial
Na Bisulfate-2 40ML vial
% Moisture unpreserved

Figure A-3. Field Record of Surface Water and Sediment Sampling form.

Appendix F

Engineering Inspection Report

Engineering Inspection of Site 9				
Well Number	Locked	Labeled	Depth to Water	Comments
MW-21	Yes	Yes	11.23	
MW-22	Yes	Yes	9.65	Nearby Building demo (#216) ongoing.
MW-69	Yes	Yes	10.63	Broken hasp
MW-70	Yes	Yes	11.50	
MW-71	Yes	Yes	1.40	located in drainage swale.
MW-72	Yes	Yes	8.86	
MW-73	Yes	Yes	8.35	
MW-74	Yes	Yes	9.33	
MW-75	Yes	Yes	13.02	
MW-76	Yes	Yes	10.97	
MW-77	Yes	Yes	15.85	
MW-78	Yes	Yes	8.82	
MW-79	Yes	Yes	11.35	
MW-80	Yes	Yes	10.66	
MW-81	Yes	Yes	10.57	
MW-204	Yes	Yes	7.77	
MW-227	Yes	Yes	9.75	
SG-1B	NA	No	Damaged	Stream gauge No data -
SG-2A	NA	No	2.40	Stream gauge

Date: 2 Apr 02 | Weather: Sunny, dry, 40s

EA Personnel: Brian D Anderson

Additional Comments:

1. Stressed Vegetation: None Observed.

2. Other: No other problems observed. Low water in impoundment & stream.

Appendix G

Analytical Report Data Tables

G.1 Ground-Water Samples
G.2 Surface Water Samples
G.3 Sediment Samples
G.4 Leachate Station Seep Sample
G.5 Diffusion Samples

Appendix G.1

Ground-Water Samples

APPENDIX G.1

SAMPLE KEY – SITE 9
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Monitoring Wells	
BN-20-S9-MW069	MW-NASB-069
BN-20-S9-MWXD1	MW-NASB-069 - Duplicate
BN-20-S9-MW070	MW-NASB-070
BN-20-S9-MW071	MW-NASB-071
BN-20-S9-MW072	MW-NASB-072
BN-20-S9-MW074	MW-NASB-074
BN-20-S9-MW075	MW-NASB-075
BN-20-S9-MW076	MW-NASB-076
BN-20-S9-MW079	MW-NASB-079
BN-20-S9-MW080	MW-NASB-080
BN-20-S9-MWXD2	MW-NASB-076 Duplicate
BN-20-S9-MW022	MW-NASB-022
BN-20-S9-MW227	MW-NASB-227
Trip Blank	
BN-20-S9-QT3	QT-03
BN-20-S9-QT4	QT-04

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No.: 1600 47
Project Name: LTMP - Site 9 - Low Flow
Project State: ME
Samplers (Signature): MAC

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	VOC 8260B	TAL Metals	SVOC 8270				Remarks
MW-069	4/4/02	1040		✓	BN-20-59-MW069	~~6~~ 18	A	x	x	x				MS/MSD
MW-076	4/3/02	1450		✓	BN-20-59-MW076	3	A	x						
	4/3/02	—		✓	BN-20-59-MXD2	3	A	x						
MW-070	4/4/02	1540		✓	BN-20-59-MW070	3	A		x	x				
MW-074	4/4/02	1700		✓	BN-20-59-MW074	3	A	x						
MW-079	4/4/02	1200		✓	BN-20-59-MW079	3	A		x	x				
MW-080	4/4/02	1540		✓	BN-20-59-MW080	3	A	x						
MW-022	4/4/02	1600		✓	BN-20-59-MW022	3	A	x						
MW-227	4/4/02	1755		✓	BN-20-59-MW227	3	A	x						
~~MW-9~~	4/4/02	—		✓	BN-20-59-MWXD1	6	A	x	x	x				
														~~TRIP BLANK~~ MAC

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Brian D Crudeu	4/5/02 1220	C Clearley
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by. (Signature)

☐ Fax to (phone)
Results needed
PO#
AMRO Project No. 0204060
Seal Intact? Yes No N/A

Send Results to:

Remarks: These samples [illegible] Brian - OFF.

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environm ntal Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

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CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No.: 29600.47.1510
Project Name: BNAS - LTMA
Project State: ME
Samplers (Signature):

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	8260 B							Remarks
MW-072	04/08/02	1220		X	BN-20-59-MW072	3-40mL VOA	A	+						
MW-075	04/08/02	1230		X	BN-20-59-MW075	3-40mL VOA	A	+						
MW-072	04/08/02	1112		X	BN-20-59-DS072D	3-40mL VOA	A	+						
MW-075	04/08/02	1120		X	BN-20-59-DS075D	3-40mL VOA	A	+						
MW-071	04/08/02	1605		X	BN-20-59-MW071	3-40mL VOA	A	X						
MW-071	04/08/02	1505		X	BN-20-59-DS071D	3-40mL VOA	A	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)	
Brian Cuchler	4/9/02 1600	[illegible]	8:45 4-10-02
Relinquished by (Signature)	Date Time	Received by (Signature)	
Relinquished by (Signature)	Date Time	Received by (Signature)	
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)	

☐ Fax to (phone)
Results needed
PO#
AMRO Project No. ~~0204089~~ cc
Seal Intact? 0204101 Yes No N/A

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford, MA 01730
(781) 275-8846

Remarks
Samples shipped with Trip Blank
BN-20-59-QT4.

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

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CHAIN OF CUSTODY RECORD

Proj No. 1530 29600.47

Project Name: BNAS-LTMP

Project State: Maine

Samplers (Signature): Bruce D Anderson

PAGE 1 OF 1

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	VOC 8260 B	% moisture					Remarks
LT901	4/8/02	1400		X	BN-20-S9-LT901	VOC-9 VOA	A	X						MS/MSD
—	4/8/02	—		X	BN-20-S9-LTXD1	40ml VOA-3	A	X						
Bottle	4/8/02	0900		X	BN-20-S9-QS001	40ml VOA-3	A	X						
Bottle	4/8/02	0930		X	BN-20-S9-QS002	40ml VOA-3	A	X						
Trip	4/8/02	0900		X	BN-20-S9-QT4	40ml VOA-1	A	X						
SD010	4/8/02	1500		X	BN-20-S9-SD010	40ml VOA-9	O	X	X					MS/MSD methanol and sodium bisulfate preserved
—	4/8/02	—		X	BN-20-S9-SDXD1	40ml VOA-3	O	X	X					

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Jim Antonucci	4/9/02 1600	[illegible] 4-10-02
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by (Signature)

☐ Fax to (phone)

Results needed

PO#

AMRO Project No. 0204088

Seal Intact? Yes No N/A

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-8846

Remarks
Samples from SD010 sediment preserved with methanol and sodium bisulfate.

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

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CHAIN OF CUSTODY RECORD

Proj. No.: 2660-07
Project Name: PNAS Brunswick LTMP
Project State: Maine
Samplers (Signature): [signature]
PAGE 2 OF 3

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain

Sta No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	VOC by 624						Remarks
MW-080	4/4/02	1505		X	BW-2059-050801	3x40ml VOA	A	X						
MW-021	4/4/02	1050		X	BW-2059-050210		A	X						HOLD
MW-021	4/4/02	1055		X	BW-2059-050210		A	X						HOLD
—	4/4/02	1120		X	BW-2059-0113		A	X						Trip Blank
MW-022	4/4/02	0950		X	BW-2059-050220D	3x40ml VOA	A	X						HOLD
MW-022	4/4/02	1505		X	BW-2059-050225	3x40ml VOA	A	X						HOLD
—	4/4/02	[illegible]		X	BW-2059-05X03		A	X						
MW-022	4/4/02	1504		X	BW-2059-050220M		A	X						HOLD
MW-022	4/4/02	1502		X	BW-2059-050220D		A	X						
MW-227	4/4/02	1115		X	BW-2059-050227S		A	X						
MW-227	4/4/02	1125		X	BW-2059-050227D		A	X						
—	4/4/02	[illegible]		X	BW-2059-05X01		A	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**
AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
[signature]	4/5/02 1220	[signature]
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)
Results needed
PO#
AMRO Project No.: 0204060
Seal Intact? Yes No N/A

Send Results to:
Al Fontecchio
GA Engineering
175 Middlesex Tpk
Bedford MA 01730
(781) 275-8000

Remarks

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW069
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-21C	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **KD**
Phenol	ND	10		µg/L	1	4/16/02 6:41.00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/16/02 6.41:00 PM
2-Chlorophenol	ND	10		µg/L	1	4/16/02 6 41:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/16/02 6:41:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Benzyl alcohol	ND	20		µg/L	1	4/16/02 6:41:00 PM
2-Methylphenol	ND	10		µg/L	1	4/16/02 6:41:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/16/02 6:41:00 PM
4-Methylphenol	ND	10		µg/L	1	4/16/02 6:41:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/16/02 6:41:00 PM
Hexachloroethane	ND	10		µg/L	1	4/16/02 6.41:00 PM
Nitrobenzene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Isophorone	ND	10		µg/L	1	4/16/02 6:41:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/16/02 6:41:00 PM
Benzoic acid	ND	20		µg/L	1	4/16/02 6 41:00 PM
2-Nitrophenol	ND	10		µg/L	1	4/16/02 6:41:00 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/16/02 6:41:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	4/16/02 6:41:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Naphthalene	ND	10		µg/L	1	4/16/02 6:41:00 PM
4-Chloroaniline	ND	10		µg/L	1	4/16/02 6:41:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/16/02 6.41:00 PM
4-Chloro-3-methylphenol	ND	20		µg/L	1	4/16/02 6:41:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/16/02 6.41:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/16/02 6:41:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/16/02 6.41:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/16/02 6:41:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/16/02 6:41:00 PM
2-Nitroaniline	ND	20		µg/L	1	4/16/02 6:41:00 PM
Dimethyl phthalate	ND	10		µg/L	1	4/16/02 6:41:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Acenaphthylene	ND	10		µg/L	1	4/16/02 6:41:00 PM
3-Nitroaniline	ND	20		µg/L	1	4/16/02 6:41:00 PM
4-Nitrophenol	ND	20		µg/L	1	4/16/02 6:41:00 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/16/02 6 41:00 PM
Acenaphthene	ND	10		µg/L	1	4/16/02 6:41:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/16/02 6:41:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW069
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-21C	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dibenzofuran	ND	10		µg/L	1	4/16/02 6:41:00 PM
Diethyl phthalate	ND	10		µg/L	1	4/16/02 6.41.00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/16/02 6:41:00 PM
Fluorene	ND	10		µg/L	1	4/16/02 6:41:00 PM
4-Nitroaniline	ND	20		µg/L	1	4/16/02 6:41:00 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/16/02 6:41:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/16/02 6:41:00 PM
1,2-Diphenylhydrazine (as Azobenzene)	ND	10		µg/L	1	4/16/02 6:41:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/16/02 6:41:00 PM
Hexachlorobenzene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Pentachlorophenol	ND	20		µg/L	1	4/16/02 6:41:00 PM
Phenanthrene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Anthracene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Carbazole	ND	10		µg/L	1	4/16/02 6:41:00 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/16/02 6:41:00 PM
Fluoranthene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Pyrene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/16/02 6:41:00 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/16/02 6:41:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/16/02 6.41:00 PM
Benz(a)anthracene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Chrysene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/16/02 6:41:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/16/02 6:41:00 PM
Surr: 2-Fluorophenol	49.4	23-67		%REC	1	4/16/02 6:41:00 PM
Surr. Phenol-d5	30.8	14-46		%REC	1	4/16/02 6:41:00 PM
Surr: Nitrobenzene-d5	77.5	41-102		%REC	1	4/16/02 6:41:00 PM
Surr: 2-Fluorobiphenyl	76.5	41-101		%REC	1	4/16/02 6:41:00 PM
Surr: 2,4,6-Tribromophenol	89.8	43-123		%REC	1	4/16/02 6:41:00 PM
Surr: 4-Terphenyl-d14	87.3	34-117		%REC	1	4/16/02 6:41:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW069
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-21A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 10:59:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 10:59:00 PM
Vinyl chloride	55	2.0		µg/L	1	4/15/02 10:59:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 10:59:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Acetone	ND	10		µg/L	1	4/15/02 10:59:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 10:59:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 10:59:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
trans-1,2-Dichloroethene	0.96	2.0	J	µg/L	1	4/15/02 10:59:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 10:59:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
cis-1,2-Dichloroethene	39	2.0		µg/L	1	4/15/02 10:59:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Bromochloromethane	ND	2 0		µg/L	1	4/15/02 10:59:00 PM
1,1,1-Trichloroethane	ND	2 0		µg/L	1	4/15/02 10:59:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 10:59.00 PM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/15/02 10:59:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 10:59:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Bromodichloromethane	ND	2 0		µg/L	1	4/15/02 10:59:00 PM
Dibromomethane	ND	2 0		µg/L	1	4/15/02 10:59:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 10:59:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 10:59:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
trans-1,3-Dichloropropene	ND	1 0		µg/L	1	4/15/02 10:59:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 10:59:00 PM
1,3-Dichloropropane	ND	2 0		µg/L	1	4/15/02 10:59:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW069
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-21A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 10:59:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 10:59:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 10:59:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/15/02 10:59:00 PM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/15/02 10:59:00 PM
Surr: Toluene-d8	96.4	88-109		%REC	1	4/15/02 10:59:00 PM
Surr: 4-Bromofluorobenzene	90.6	77-117		%REC	1	4/15/02 10:59:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Project: 29600.47 BNAS Brunswick LTMP
Lab Order: 0204060

Lab ID: 0204060-21
Collection Date: 4/4/02
Client Sample ID: BN-20-S9-MW069
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJK**
Aluminum	52	200	J	µg/L	1	4/9/02 1:41:09 PM
Antimony	6.3	20	J	µg/L	1	4/9/02 1:41:09 PM
Barium	ND	200		µg/L	1	4/9/02 1:41:09 PM
Beryllium	ND	5.0		µg/L	1	4/9/02 1:41:09 PM
Cadmium	ND	5.0		µg/L	1	4/9/02 1:41:09 PM
Calcium	5,700	2,500		µg/L	1	4/9/02 1:41:09 PM
Chromium	ND	10		µg/L	1	4/9/02 1:41:09 PM
Cobalt	ND	50		µg/L	1	4/9/02 1:41:09 PM
Copper	ND	25		µg/L	1	4/9/02 1:41:09 PM
Iron	290	100		µg/L	1	4/9/02 1:41:09 PM
Magnesium	2,700	2,500		µg/L	1	4/9/02 1:41:09 PM
Manganese	390	15		µg/L	1	4/9/02 1:41:09 PM
Nickel	ND	40		µg/L	1	4/9/02 1:41:09 PM
Potassium	1,800	2,500	J	µg/L	1	4/9/02 1:41:09 PM
Silver	ND	7.0		µg/L	1	4/9/02 1:41:09 PM
Sodium	56,000	2,500		µg/L	1	4/9/02 1:41:09 PM
Vanadium	ND	50		µg/L	1	4/9/02 1:41:09 PM
Zinc	12	20	J	µg/L	1	4/9/02 1:41:09 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	4/9/02
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	4/9/02
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	4/9/02
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	4/9/02
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	4/9/02

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

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MWXD1
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-28A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 4:42:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 4:42:00 AM
Vinyl chloride	51	2.0		µg/L	1	4/16/02 4:42:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 4:42:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Acetone	ND	10		µg/L	1	4/16/02 4:42:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 4:42:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 4:42:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
trans-1,2-Dichloroethene	0.85	2.0	J	µg/L	1	4/16/02 4:42:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 4:42:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
cis-1,2-Dichloroethene	37	2.0		µg/L	1	4/16/02 4:42:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 4:42:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 4:42.00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 4:42:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 4:42:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 4:42.00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 4:42:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MWXD1
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-28A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
m,p-Xylene	ND	2 0		µg/L	1	4/16/02 4:42:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
1,2-Dichlorobenzene	ND	2 0		µg/L	1	4/16/02 4:42:00 AM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/16/02 4:42:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 4:42:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:42:00 AM
Surr: Dibromofluoromethane	107	85-120		%REC	1	4/16/02 4:42:00 AM
Surr: 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/16/02 4:42:00 AM
Surr: Toluene-d8	95.8	88-109		%REC	1	4/16/02 4:42:00 AM
Surr: 4-Bromofluorobenzene	95.0	77-117		%REC	1	4/16/02 4:42:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MWXD1
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-28C	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **KD**
Phenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/16/02 8:15:00 PM
2-Chlorophenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/16/02 8:15:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benzyl alcohol	ND	20		µg/L	1	4/16/02 8:15:00 PM
2-Methylphenol	ND	10		µg/L	1	4/16/02 8:15.00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/16/02 8:15:00 PM
4-Methylphenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/16/02 8:15:00 PM
Hexachloroethane	ND	10		µg/L	1	4/16/02 8:15:00 PM
Nitrobenzene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Isophorone	ND	10		µg/L	1	4/16/02 8:15:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benzoic acid	ND	20		µg/L	1	4/16/02 8:15:00 PM
2-Nitrophenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/16/02 8:15:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	4/16/02 8:15.00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Naphthalene	ND	10		µg/L	1	4/16/02 8:15:00 PM
4-Chloroaniline	ND	10		µg/L	1	4/16/02 8:15:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/16/02 8:15:00 PM
4-Chloro-3-methylphenol	ND	20		µg/L	1	4/16/02 8:15:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/16/02 8:15:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/16/02 8:15:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/16/02 8:15:00 PM
2-Nitroaniline	ND	20		µg/L	1	4/16/02 8:15:00 PM
Dimethyl phthalate	ND	10		µg/L	1	4/16/02 8:15:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Acenaphthylene	ND	10		µg/L	1	4/16/02 8:15:00 PM
3-Nitroaniline	ND	20		µg/L	1	4/16/02 8:15:00 PM
4-Nitrophenol	ND	20		µg/L	1	4/16/02 8:15:00 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/16/02 8:15:00 PM
Acenaphthene	ND	10		µg/L	1	4/16/02 8:15.00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/16/02 8:15:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MWXD1
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-28C	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dibenzofuran	ND	10		µg/L	1	4/16/02 8:15:00 PM
Diethyl phthalate	ND	10		µg/L	1	4/16/02 8:15:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/16/02 8:15:00 PM
Fluorene	ND	10		µg/L	1	4/16/02 8:15:00 PM
4-Nitroaniline	ND	20		µg/L	1	4/16/02 8:15:00 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/16/02 8:15:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/16/02 8:15:00 PM
1,2-Diphenylhydrazine (as Azobenzene)	ND	10		µg/L	1	4/16/02 8:15:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/16/02 8:15:00 PM
Hexachlorobenzene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Pentachlorophenol	ND	20		µg/L	1	4/16/02 8:15:00 PM
Phenanthrene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Anthracene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Carbazole	ND	10		µg/L	1	4/16/02 8:15:00 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/16/02 8:15:00 PM
Fluoranthene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Pyrene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/16/02 8:15:00 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/16/02 8:15:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benz(a)anthracene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Chrysene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/16/02 8:15.00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/16/02 8:15:00 PM
Surr: 2-Fluorophenol	45.5	23-67		%REC	1	4/16/02 8:15:00 PM
Surr: Phenol-d5	29.9	14-46		%REC	1	4/16/02 8:15:00 PM
Surr: Nitrobenzene-d5	70.3	41-102		%REC	1	4/16/02 8:15:00 PM
Surr: 2-Fluorobiphenyl	69.9	41-101		%REC	1	4/16/02 8:15:00 PM
Surr: 2,4,6-Tribromophenol	82.5	43-123		%REC	1	4/16/02 8:15:00 PM
Surr: 4-Terphenyl-d14	81.4	34-117		%REC	1	4/16/02 8:15:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Project: 29600.47 BNAS Brunswick LTMP
Lab Order: 0204060

Lab ID: 0204060-28
Collection Date: 4/4/02
Client Sample ID: BN-20-S9-MWXD1
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJK**
Aluminum	52	200	J	µg/L	1	4/9/02 2:05:11 PM
Antimony	6.9	20	J	µg/L	1	4/9/02 2:05:11 PM
Barium	ND	200		µg/L	1	4/9/02 2:05:11 PM
Beryllium	ND	5.0		µg/L	1	4/9/02 2:05:11 PM
Cadmium	ND	5.0		µg/L	1	4/9/02 2:05:11 PM
Calcium	5,600	2,500		µg/L	1	4/9/02 2:05:11 PM
Chromium	ND	10		µg/L	1	4/9/02 2:05:11 PM
Cobalt	ND	50		µg/L	1	4/9/02 2:05:11 PM
Copper	ND	25		µg/L	1	4/9/02 2:05:11 PM
Iron	270	100		µg/L	1	4/9/02 2:05:11 PM
Magnesium	2,700	2,500		µg/L	1	4/9/02 2:05:11 PM
Manganese	390	15		µg/L	1	4/9/02 2:05:11 PM
Nickel	ND	40		µg/L	1	4/9/02 2:05:11 PM
Potassium	1,900	2,500	J	µg/L	1	4/9/02 2:05:11 PM
Silver	ND	7.0		µg/L	1	4/9/02 2:05:11 PM
Sodium	56,000	2,500		µg/L	1	4/9/02 2:05:11 PM
Vanadium	ND	50		µg/L	1	4/9/02 2:05:11 PM
Zinc	14	20	J	µg/L	1	4/9/02 2:05:11 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	4/9/02
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	4/9/02
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	4/9/02
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	4/9/02
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	4/9/02

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

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW070
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-29B	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **KD**
Phenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/16/02 8:47:00 PM
2-Chlorophenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/16/02 8:47.00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Benzyl alcohol	ND	20		µg/L	1	4/16/02 8:47:00 PM
2-Methylphenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/16/02 8:47:00 PM
4-Methylphenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/16/02 8:47:00 PM
Hexachloroethane	ND	10		µg/L	1	4/16/02 8:47:00 PM
Nitrobenzene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Isophorone	ND	10		µg/L	1	4/16/02 8:47:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/16/02 8 47:00 PM
Benzoic acid	ND	20		µg/L	1	4/16/02 8.47 00 PM
2-Nitrophenol	ND	10		µg/L	1	4/16/02 8 47:00 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/16/02 8:47:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Naphthalene	ND	10		µg/L	1	4/16/02 8:47.00 PM
4-Chloroaniline	ND	10		µg/L	1	4/16/02 8:47:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/16/02 8:47:00 PM
4-Chloro-3-methylphenol	ND	20		µg/L	1	4/16/02 8:47:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/16/02 8:47:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/16/02 8:47:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/16/02 8:47:00 PM
2-Nitroaniline	ND	20		µg/L	1	4/16/02 8:47:00 PM
Dimethyl phthalate	ND	10		µg/L	1	4/16/02 8:47:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Acenaphthylene	ND	10		µg/L	1	4/16/02 8:47:00 PM
3-Nitroaniline	ND	20		µg/L	1	4/16/02 8:47:00 PM
4-Nitrophenol	ND	20		µg/L	1	4/16/02 8:47:00 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/16/02 8:47:00 PM
Acenaphthene	ND	10		µg/L	1	4/16/02 8:47:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/16/02 8:47:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-MW070
Lab Order: 0204060
Project: 29600.47 BNAS Brunswick LTMP
Collection Date: 4/4/02
Lab ID: 0204060-29B
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dibenzofuran	ND	10		µg/L	1	4/16/02 8:47:00 PM
Diethyl phthalate	ND	10		µg/L	1	4/16/02 8:47:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/16/02 8:47:00 PM
Fluorene	ND	10		µg/L	1	4/16/02 8:47:00 PM
4-Nitroaniline	ND	20		µg/L	1	4/16/02 8:47:00 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/16/02 8:47:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/16/02 8:47:00 PM
1,2-Diphenylhydrazine (as Azobenzene)	ND	10		µg/L	1	4/16/02 8:47:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/16/02 8:47:00 PM
Hexachlorobenzene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Pentachlorophenol	ND	20		µg/L	1	4/16/02 8:47:00 PM
Phenanthrene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Anthracene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Carbazole	ND	10		µg/L	1	4/16/02 8:47:00 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/16/02 8:47:00 PM
Fluoranthene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Pyrene	ND	10		µg/L	1	4/16/02 8:47.00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/16/02 8:47:00 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/16/02 8:47:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/16/02 8:47:00 PM
Benz(a)anthracene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Chrysene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/16/02 8:47:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/16/02 8:47:00 PM
Surr: 2-Fluorophenol	53.3	23-67		%REC	1	4/16/02 8:47:00 PM
Surr: Phenol-d5	33.5	14-46		%REC	1	4/16/02 8:47:00 PM
Surr: Nitrobenzene-d5	82.5	41-102		%REC	1	4/16/02 8:47:00 PM
Surr: 2-Fluorobiphenyl	80.6	41-101		%REC	1	4/16/02 8:47:00 PM
Surr: 2,4,6-Tribromophenol	91.7	43-123		%REC	1	4/16/02 8:47:00 PM
Surr: 4-Terphenyl-d14	88.5	34-117		%REC	1	4/16/02 8:47:00 PM

Qualifiers:

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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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Project: 29600.47 BNAS Brunswick LTMP
Lab Order: 0204060

Lab ID: 0204060-29
Collection Date: 4/4/02
Client Sample ID: BN-20-S9-MW070
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJK**
Aluminum	ND	200		µg/L	1	4/9/02 2:10:14 PM
Antimony	ND	20		µg/L	1	4/9/02 2:10:14 PM
Barium	ND	200		µg/L	1	4/9/02 2.10:14 PM
Beryllium	ND	5.0		µg/L	1	4/9/02 2:10:14 PM
Cadmium	ND	5.0		µg/L	1	4/9/02 2:10:14 PM
Calcium	8,000	2,500		µg/L	1	4/9/02 2:10:14 PM
Chromium	ND	10		µg/L	1	4/9/02 2:10.14 PM
Cobalt	ND	50		µg/L	1	4/9/02 2:10:14 PM
Copper	ND	25		µg/L	1	4/9/02 2:10:14 PM
Iron	ND	100		µg/L	1	4/9/02 2:10:14 PM
Magnesium	970	2,500	J	µg/L	1	4/9/02 2:10:14 PM
Manganese	330	15		µg/L	1	4/9/02 2:10:14 PM
Nickel	ND	40		µg/L	1	4/9/02 2:10:14 PM
Potassium	920	2,500	J	µg/L	1	4/9/02 2:10:14 PM
Silver	ND	7.0		µg/L	1	4/9/02 2:10:14 PM
Sodium	9,700	2,500		µg/L	1	4/9/02 2:10:14 PM
Vanadium	ND	50		µg/L	1	4/9/02 2:10:14 PM
Zinc	ND	20		µg/L	1	4/9/02 2:10:14 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	4/9/02
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	4/9/02
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	4/9/02
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	4/9/02
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	4/9/02

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

AMRO Environmental Laboratories Corp.

Date: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW071
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 1:20:00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 1:20:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 1:20:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Acetone	ND	10		µg/L	1	4/18/02 1:20:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 1:20:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 1:20:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 1:20:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 1:20:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 1:20:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 1:20:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 1:20:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 1:20:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 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: *23-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-MW071
Lab Order: 0204101
Project: 29600.47.1530 BNAS-LTMP
Collection Date: 4/8/02
Lab ID: 0204101-05A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 1:20:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 1:20:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:20:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/18/02 1:20:00 PM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/18/02 1:20:00 PM
Surr: Toluene-d8	96.4	88-109		%REC	1	4/18/02 1:20:00 PM
Surr: 4-Bromofluorobenzene	99.6	77-117		%REC	1	4/18/02 1:20:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW072
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 10:35:00 AM
Chloromethane	ND	5.0		µg/L	1	4/18/02 10:35:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Chloroethane	ND	5.0		µg/L	1	4/18/02 10:35:00 AM
Bromomethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Acetone	ND	10		µg/L	1	4/18/02 10:35:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 10:35:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 10:35:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
2-Butanone	ND	10		µg/L	1	4/18/02 10:35:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Chloroform	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Benzene	ND	1.0		µg/L	1	4/18/02 10:35:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 10:35:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 10:35:00 AM
Toluene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 10:35:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
2-Hexanone	ND	10		µg/L	1	4/18/02 10:35:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW072
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
o-Xylene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Styrene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Bromoform	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 10:35:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Naphthalene	ND	5.0		µg/L	1	4/18/02 10:35:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 10:35:00 AM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/18/02 10:35:00 AM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/18/02 10:35:00 AM
Surr: Toluene-d8	96.0	88-109		%REC	1	4/18/02 10:35:00 AM
Surr: 4-Bromofluorobenzene	96.4	77-117		%REC	1	4/18/02 10:35:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW074
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-24A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 2:25:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 2:25:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 2:25.00 AM
Chloroethane	ND	5 0		µg/L	1	4/16/02 2.25:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Acetone	ND	10		µg/L	1	4/16/02 2:25:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 2:25:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 2:25:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 2:25:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
cis-1,2-Dichloroethene	2.4	2.0		µg/L	1	4/16/02 2:25:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 2:25.00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 2:25:00 AM
Trichloroethene	2.4	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 2:25:00 AM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/16/02 2:25:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 2:25:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 2:25:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Tetrachloroethene	0.50	2.0	J	µg/L	1	4/16/02 2:25:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW074
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-24A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 2.25:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/16/02 2:25:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/16/02 2:25:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 2:25:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 2.25:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:25:00 AM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/16/02 2:25:00 AM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/16/02 2:25:00 AM
Surr: Toluene-d8	96 7	88-109		%REC	1	4/16/02 2:25:00 AM
Surr: 4-Bromofluorobenzene	97.4	77-117		%REC	1	4/16/02 2:25:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW075
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 11:09:00 AM
Chloromethane	ND	5.0		µg/L	1	4/18/02 11:09:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Chloroethane	ND	5.0		µg/L	1	4/18/02 11:09:00 AM
Bromomethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Acetone	ND	10		µg/L	1	4/18/02 11:09:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 11:09:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 11:09:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
2-Butanone	ND	10		µg/L	1	4/18/02 11:09:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Chloroform	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Benzene	ND	1.0		µg/L	1	4/18/02 11:09:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 11:09:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 11:09:00 AM
Toluene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 11:09:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
2-Hexanone	ND	10		µg/L	1	4/18/02 11:09:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW075
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
o-Xylene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Styrene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Bromoform	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,4-Dichlorobenzene	ND	2 0		µg/L	1	4/18/02 11:09:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 11:09:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Naphthalene	ND	5 0		µg/L	1	4/18/02 11:09:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:09:00 AM
Surr: Dibromofluoromethane	103	85-120		%REC	1	4/18/02 11:09:00 AM
Surr: 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/18/02 11:09:00 AM
Surr: Toluene-d8	98.9	88-109		%REC	1	4/18/02 11:09:00 AM
Surr: 4-Bromofluorobenzene	100	77-117		%REC	1	4/18/02 11:09:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW076
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-22A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 1:16:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 1:16:00 AM
Vinyl chloride	0.99	2 0	J	µg/L	1	4/16/02 1:16:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 1:16:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Acetone	ND	10		µg/L	1	4/16/02 1:16:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 1:16:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 1:16:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 1:16:00 AM
2,2-Dichloropropane	ND	2 0		µg/L	1	4/16/02 1:16:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 1:16.00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 1:16:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 1:16:00 AM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/16/02 1:16:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 1:16:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 1:16:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Dibromochloromethane	ND	2 0		µg/L	1	4/16/02 1:16:00 AM
Chlorobenzene	ND	2 0		µg/L	1	4/16/02 1:16:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW076
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-22A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 1.16:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 1:16:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 1:16:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:16:00 AM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/16/02 1:16:00 AM
Surr: 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/16/02 1:16:00 AM
Surr: Toluene-d8	97.7	88-109		%REC	1	4/16/02 1.16:00 AM
Surr: 4-Bromofluorobenzene	101	77-117		%REC	1	4/16/02 1.16.00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MWXD2
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-23A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 1:51:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 1:51:00 AM
Vinyl chloride	1.1	2.0	J	µg/L	1	4/16/02 1:51:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 1:51:00 AM
Bromomethane	ND	2 0		µg/L	1	4/16/02 1:51:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Acetone	ND	10		µg/L	1	4/16/02 1:51:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 1:51:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Methylene chloride	ND	5 0		µg/L	1	4/16/02 1:51:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 1:51:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/16/02 1:51:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 1:51:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 1:51:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 1:51:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 1:51:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 1:51:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MWXD2
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-23A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 1:51:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 1:51:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 1:51:00 AM
Surr: Dibromofluoromethane	107	85-120		%REC	1	4/16/02 1:51:00 AM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/16/02 1:51:00 AM
Surr: Toluene-d8	97.6	88-109		%REC	1	4/16/02 1:51:00 AM
Surr: 4-Bromofluorobenzene	92.4	77-117		%REC	1	4/16/02 1:51:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit
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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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW079
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-30B	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **KD**
Phenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	4/16/02 9:18:00 PM
2-Chlorophenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	4/16/02 9:18:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Benzyl alcohol	ND	20		µg/L	1	4/16/02 9.18:00 PM
2-Methylphenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	4/16/02 9:18:00 PM
4-Methylphenol	ND	10		µg/L	1	4/16/02 9.18:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	4/16/02 9:18:00 PM
Hexachloroethane	ND	10		µg/L	1	4/16/02 9:18:00 PM
Nitrobenzene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Isophorone	ND	10		µg/L	1	4/16/02 9:18:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
Benzoic acid	ND	20		µg/L	1	4/16/02 9:18:00 PM
2-Nitrophenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	4/16/02 9:18:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	4/16/02 9:18.00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Naphthalene	ND	10		µg/L	1	4/16/02 9:18.00 PM
4-Chloroaniline	ND	10		µg/L	1	4/16/02 9:18:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	4/16/02 9:18:00 PM
4-Chloro-3-methylphenol	ND	20		µg/L	1	4/16/02 9:18:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	4/16/02 9:18:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	4/16/02 9:18:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	4/16/02 9:18:00 PM
2-Nitroaniline	ND	20		µg/L	1	4/16/02 9:18:00 PM
Dimethyl phthalate	ND	10		µg/L	1	4/16/02 9.18:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Acenaphthylene	ND	10		µg/L	1	4/16/02 9:18:00 PM
3-Nitroaniline	ND	20		µg/L	1	4/16/02 9:18:00 PM
4-Nitrophenol	ND	20		µg/L	1	4/16/02 9:18:00 PM
2,4-Dinitrophenol	ND	20		µg/L	1	4/16/02 9:18:00 PM
Acenaphthene	ND	10		µg/L	1	4/16/02 9:18:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	4/16/02 9:18:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-MW079
Lab Order: 0204060
Project: 29600.47 BNAS Brunswick LTMP
Collection Date: 4/4/02
Lab ID: 0204060-30B
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Dibenzofuran	ND	10		µg/L	1	4/16/02 9:18:00 PM
Diethyl phthalate	ND	10		µg/L	1	4/16/02 9:18:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	4/16/02 9:18:00 PM
Fluorene	ND	10		µg/L	1	4/16/02 9:18:00 PM
4-Nitroaniline	ND	20		µg/L	1	4/16/02 9:18:00 PM
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	4/16/02 9:18:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	4/16/02 9:18:00 PM
1,2-Diphenylhydrazine (as Azobenzene)	ND	10		µg/L	1	4/16/02 9:18:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	4/16/02 9:18:00 PM
Hexachlorobenzene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Pentachlorophenol	ND	20		µg/L	1	4/16/02 9:18.00 PM
Phenanthrene	ND	10		µg/L	1	4/16/02 9.18:00 PM
Anthracene	ND	10		µg/L	1	4/16/02 9.18:00 PM
Carbazole	ND	10		µg/L	1	4/16/02 9:18:00 PM
Di-n-butyl phthalate	ND	10		µg/L	1	4/16/02 9.18:00 PM
Fluoranthene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Pyrene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	4/16/02 9:18:00 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	4/16/02 9:18:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	4/16/02 9:18:00 PM
Benz(a)anthracene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Chrysene	ND	10		µg/L	1	4/16/02 9:18 00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	4/16/02 9:18:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	4/16/02 9.18:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	4/16/02 9.18.00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	4/16/02 9:18:00 PM
Surr: 2-Fluorophenol	45.1	23-67		%REC	1	4/16/02 9:18:00 PM
Surr: Phenol-d5	28.4	14-46		%REC	1	4/16/02 9:18.00 PM
Surr: Nitrobenzene-d5	67.2	41-102		%REC	1	4/16/02 9:18:00 PM
Surr: 2-Fluorobiphenyl	70.1	41-101		%REC	1	4/16/02 9.18:00 PM
Surr: 2,4,6-Tribromophenol	79.5	43-123		%REC	1	4/16/02 9:18:00 PM
Surr: 4-Terphenyl-d14	77.4	34-117		%REC	1	4/16/02 9:18:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Project: 29600.47 BNAS Brunswick LTMP
Lab Order: 0204060

Lab ID: 0204060-30
Collection Date: 4/4/02
Client Sample ID: BN-20-S9-MW079
Matrix: AQUEOUS

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJK**
Aluminum	86	200	J	µg/L	1	4/9/02 2:15:07 PM
Antimony	ND	20		µg/L	1	4/9/02 2:15:07 PM
Barium	270	200		µg/L	1	4/9/02 2:15:07 PM
Beryllium	ND	5.0		µg/L	1	4/9/02 2:15:07 PM
Cadmium	ND	5.0		µg/L	1	4/9/02 2:15:07 PM
Calcium	26,000	2,500		µg/L	1	4/9/02 2:15:07 PM
Chromium	ND	10		µg/L	1	4/9/02 2:15:07 PM
Cobalt	ND	50		µg/L	1	4/9/02 2:15:07 PM
Copper	ND	25		µg/L	1	4/9/02 2:15:07 PM
Iron	22,000	100		µg/L	1	4/9/02 2:15:07 PM
Magnesium	2,100	2,500	J	µg/L	1	4/9/02 2:15:07 PM
Manganese	120	15		µg/L	1	4/9/02 2:15:07 PM
Nickel	ND	40		µg/L	1	4/9/02 2:15:07 PM
Potassium	3,600	2,500		µg/L	1	4/9/02 2:15:07 PM
Silver	ND	7.0		µg/L	1	4/9/02 2:15:07 PM
Sodium	7,800	2,500		µg/L	1	4/9/02 2:15:07 PM
Vanadium	ND	50		µg/L	1	4/9/02 2:15:07 PM
Zinc	ND	20		µg/L	1	4/9/02 2:15:07 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	2.6	5.0	J	µg/L	1	4/9/02
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	4/9/02
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	4/9/02
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	4/9/02
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	4/9/02

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

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW080
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-25A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 2:59:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 2:59:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 2:59:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Acetone	ND	10		µg/L	1	4/16/02 2:59:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 2:59:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 2:59:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,1-Dichloroethane	0.67	2.0	J	µg/L	1	4/16/02 2:59:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 2:59:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 2:59:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 2:59:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 2:59:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 2:59:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 2:59:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-MW080
Lab Order: 0204060
Project: 29600.47 BNAS Brunswick LTMP
Collection Date: 4/4/02
Lab ID: 0204060-25A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 2.59.00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
n-Butylbenzene	ND	2 0		µg/L	1	4/16/02 2:59:00 AM
1,2-Dichlorobenzene	ND	2 0		µg/L	1	4/16/02 2:59:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 2:59:00 AM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/16/02 2.59:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 2:59:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 2:59:00 AM
Surr: Dibromofluoromethane	107	85-120		%REC	1	4/16/02 2:59:00 AM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/16/02 2:59:00 AM
Surr: Toluene-d8	99.1	88-109		%REC	1	4/16/02 2:59:00 AM
Surr: 4-Bromofluorobenzene	96.4	77-117		%REC	1	4/16/02 2:59:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW022
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-26A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 3:34:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 3:34:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 3:34:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Acetone	ND	10		µg/L	1	4/16/02 3:34:00 AM
1,1-Dichloroethene	ND	1 0		µg/L	1	4/16/02 3:34:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 3:34:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 3:34:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Bromochloromethane	ND	2 0		µg/L	1	4/16/02 3:34:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Carbon tetrachloride	ND	2 0		µg/L	1	4/16/02 3:34:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 3:34:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,2-Dichloropropane	ND	2 0		µg/L	1	4/16/02 3:34:00 AM
Bromodichloromethane	ND	2 0		µg/L	1	4/16/02 3:34:00 AM
Dibromomethane	ND	2 0		µg/L	1	4/16/02 3:34:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 3:34:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 3:34:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 3:34:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 3:34:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW022
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-26A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 3:34:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 3:34:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 3:34:00 AM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/16/02 3:34:00 AM
Surr: 1,2-Dichloroethane-d4	114	80-124		%REC	1	4/16/02 3:34:00 AM
Surr: Toluene-d8	97.6	88-109		%REC	1	4/16/02 3:34:00 AM
Surr: 4-Bromofluorobenzene	95.2	77-117		%REC	1	4/16/02 3:34:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW227
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-27A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 4:08:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 4:08:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 4:08:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 4.08:00 AM
Acetone	ND	10		µg/L	1	4/16/02 4.08:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 4:08:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 4:08:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 4.08:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 4:08:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
cis-1,2-Dichloroethene	2.1	2.0		µg/L	1	4/16/02 4:08:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 4:08.00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 4:08:00 AM
Trichloroethene	3.0	2.0		µg/L	1	4/16/02 4:08:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Bromodichloromethane	ND	2 0		µg/L	1	4/16/02 4:08:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 4:08:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 4.08.00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 4.08:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 4:08:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 4:08:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Tetrachloroethene	0.58	2.0	J	µg/L	1	4/16/02 4:08:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-MW227
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-27A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Ethylbenzene	ND	2 0		µg/L	1	4/16/02 4:08:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
tert-Butylbenzene	ND	2 0		µg/L	1	4/16/02 4:08:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/16/02 4:08:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 4:08:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 4:08:00 AM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/16/02 4:08:00 AM
Surr. 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/16/02 4:08:00 AM
Surr: Toluene-d8	96.0	88-109		%REC	1	4/16/02 4:08:00 AM
Surr: 4-Bromofluorobenzene	96.5	77-117		%REC	1	4/16/02 4:08:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT3
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-14A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Acetone	ND	10		µg/L	1	4/15/02 3:38:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 3:38:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 3:38:00 PM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/15/02 3:38:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 3:38:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT3
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-14A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/15/02 3:38:00 PM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/15/02 3:38:00 PM
Surr: Toluene-d8	99.2	88-109		%REC	1	4/15/02 3:38:00 PM
Surr: 4-Bromofluorobenzene	102	77-117		%REC	1	4/15/02 3:38:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 9.01:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Bromomethane	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Acetone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 9.01:00 PM
Methylene chloride	2.9	5.0	J	µg/L	1	4/17/02 9:01:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethane	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
2,2-Dichloropropane	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
cis-1,2-Dichloroethene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
Chloroform	ND	2 0		µg/L	1	4/17/02 9:01.00 PM
Bromochloromethane	ND	2 0		µg/L	1	4/17/02 9.01:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Carbon tetrachloride	ND	2 0		µg/L	1	4/17/02 9:01.00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 9.01:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Toluene	ND	2 0		µg/L	1	4/17/02 9.01:00 PM
trans-1,3-Dichloropropene	ND	1 0		µg/L	1	4/17/02 9:01.00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromoethane	ND	2 0		µg/L	1	4/17/02 9.01.00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 9:01 00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Ethylbenzene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Isopropylbenzene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
n-Propylbenzene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
Hexachlorobutadiene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/17/02 9:01:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/17/02 9:01:00 PM
Surr: Toluene-d8	100	88-109		%REC	1	4/17/02 9:01:00 PM
Surr: 4-Bromofluorobenzene	93.8	77-117		%REC	1	4/17/02 9:01:00 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.

Appendix G.2

Surface Water Samples

APPENDIX G.2

SAMPLE KEY – SITE 9
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Surface Water Samples	
BN-20-S9-SW010	SW-010
Trip Blank	
BN-20-S9-QT4	QT-04
Equipment Rinsate Blank	
BN-20-S9-QS001	QS-001
Source Water Blank	
BN-5-S2-QD1	QD-001

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

36440

CHAIN OF CUSTODY RECORD

Proj. No. 1530 29600.47

Project Name: BNAS-LTMP

Project State: Maine

Samplers (Signature): Brian D Anderson

PAGE 1 OF 1

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	VOC 8260B	% moisture						Remarks
LT901	4/8/02	1400		X	BN-20-S9-LT901	VOC - 9 VOA	A	X							MS/MSD
—	4/8/02	—		X	BN-20-S9-LTXD1	40ml VOA-3	A	X							
Bottle	4/8/02	0900		X	BN-20-S9-QS001	40ml VOA-3	A	X							
Bottle	4/8/02	0930		X	BN-20-S9-QS002	40ml VOA-3	A	X							
Trip	4/8/02	0900		X	BN-20-S9-QT4	40ml VOA-1	A	X							
SD010	4/8/02	1500		X	BN-20-S9-SD010	40ml VOA-9	O	X	X						MS/MSD methanol and sodium preserved
—	4/8/02	—		X	BN-20-S9-SDXD1	40ml VOA-3	O	X	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
[signature]	4/9/02 1600	[signature] 8:25 4-10-02
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)

Results needed

PO#

AMRO Project No. 0204088

Seal Intact? Yes No N/A

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-8846

Remarks
Samples from SD010 sediment preserved with methanol and sodium bisulfate.

White: Lab copy Yellow: Accompanies report Pink: Client copy

36440

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

CHAIN OF CUSTODY RECORD

PAGE 1 OF 1

Proj. No. 1530 29600.47
Project Name: BNAS-LTMP
Project State: Maine
Samplers (Signature): Brian D. Anderson

MATRIX: Water - A, Soil/Solid-S, Waste-W, Other-O, Explain

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	VOC 8260B	% moisture						Remarks
LT901	4/8/02	1400		X	BN-20-S9-LT901	VOC - 9 VOA	A	X							MS/MSD
—	4/8/02	—		X	BN-20-S9-LTXD1	40ml VOA-3	A	X							
Bottle	4/8/02	0900		X	BN-20-S9-QS001	40ml VOA-3	A	X							
Bottle	4/8/02	0930		X	BN-20-S9-QS002	40ml VOA-3	A	X							
Trip	4/8/02	0900		X	BN-20-S9-QT4	40ml VOA-1	A	X							
SD010	4/8/02	1500		X	BN-20-S9-SD010	40ml VOA-9	O	X	X						MS/MSD methanol and sodium preserved
—	4/8/02	—		X	BN-20-S9-SDXD1	40ml VOA-3	O	X	X						
SW010	4/9/02	1415		X	BN-20-S9-SW010	40ml VOA-3	A	X							

A. Easterday 12 APR 2002

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded T.A.T. AUTHORIZATION NUMBER.

AUTHORIZATION NO. _____ T.A.T. authorized by: _____

Relinquished by (Signature)	Date Time	Received by (Signature)	
Jim Anderson	4/9/02 1600	[signature] 8:45 4-10-02	
Relinquished by (Signature)	Date Time	Received by (Signature)	
Relinquished by (Signature)	Date Time	Received by (Signature)	
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)	

☐ Fax to (phone)
Results needed
PO#
AMRO Project No. 0204088
Seal Intact? Yes No N/A

Send Results to: Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-8846

Remarks: Samples from SD010 sediment preserve with methanol and sodium bisulfate.

Yellow: Accompanies report Pink: Client copy

Katahdin
ANALYTICAL SERVICES
540 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: Environmental Science Tech
Contact: M Easterday
Phone #: (781) 275-5846
Fax #: (781) 275-7352
Address: 175 Middlesex Tpk
City: Bedford
State: MA
Zip Code: 01730
Purchase Order #:
Proj. Name / No.: NASB
Katahdin Quote #:
Bill (if different than above):
Address:
Sampler (Print / Sign):
Copies To:

LAB USE ONLY WORK ORDER #:
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 3-40mL V HCl	Total Metals 6010 1-1L P HNO3	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-5-S2-MW103	4/9/02 / 1030	GW	4	X	X										
	BN-5-S2-MW104	4/9/02 / 1235	GW	4	X	X										
	BN-5-S2-MW241	4/9/02 / 1315	GW	4	X	X										
	BN-5-S2-MW242	4/9/02 / 1055	GW	7	X	X		MS/MSD								
	BN-5-S2-MW242	4/9/02 / 1140	GW	4	X	X										
	BN-5-S2-MW243	4/9/02 / 1055	GW	4	X	X										
	BN-5-S2-MWXD1	4/9/02 / —	GW	4	X	X										
	BN-5-S2-QT5	4/9/02 / 1030	N	3	X			TRIP BLANK								
	BN-5-S2-QD1	4/9/02 / 1500	water	4	X	X										
	BN-5-S2-QS3	4/9/02 / 1505	water	4	X	X										
	BN-5-S2-QS4	4/9/02 / 1520	water	4	X	X										
		/														
		/														
		/														
		/														
		/														

COMMENTS: Sample BN-5-S2-MW103 starts GDG all samples included. GDG complete

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/10/02 [illegible]	[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

CUSTOMER

AMRO Environmental Laboratories Corp.

Date: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-SW010
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-08A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 11:52:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 11:52:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 11:52:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Acetone	ND	10		µg/L	1	4/17/02 11:52:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 11:52:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/17/02 11:52:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 11:52:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Chloroform	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 11.52:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/17/02 11.52:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 11:52:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 11.52:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 11:52:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 11:52:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 11.52:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 11:52:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 11:52:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-SW010
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-08A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
m,p-Xylene	ND	2 0		µg/L	1	4/17/02 11:52:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Styrene	ND	2 0		µg/L	1	4/17/02 11:52:00 PM
Bromoform	ND	2 0		µg/L	1	4/17/02 11:52:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/17/02 11:52:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 11:52:00 PM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/17/02 11:52:00 PM
Hexachlorobutadiene	ND	2 0		µg/L	1	4/17/02 11:52:00 PM
Naphthalene	ND	5 0		µg/L	1	4/17/02 11:52:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:52:00 PM
Surr. Dibromofluoromethane	109	85-120		%REC	1	4/17/02 11:52:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/17/02 11:52:00 PM
Surr: Toluene-d8	98.1	88-109		%REC	1	4/17/02 11:52:00 PM
Surr: 4-Bromofluorobenzene	96.7	77-117		%REC	1	4/17/02 11:52:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Acetone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Methylene chloride	2.9	5.0	J	µg/L	1	4/17/02 9:01:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroform	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9.01:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Naphthalene	ND	5 0		µg/L	1	4/17/02 9:01:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/17/02 9:01:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/17/02 9:01:00 PM
Surr: Toluene-d8	100	88-109		%REC	1	4/17/02 9:01:00 PM
Surr: 4-Bromofluorobenzene	93.8	77-117		%REC	1	4/17/02 9:01:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QS001
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Chloroethane	ND	5 0		µg/L	1	4/17/02 10:43:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 10.43:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Acetone	ND	10		µg/L	1	4/17/02 10:43:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 10:43:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Chloroform	0.60	2.0	J	µg/L	1	4/17/02 10:43:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 10.43:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
Trichloroethene	ND	2 0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 10:43:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 10:43:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QS001
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 10:43.00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 10:43.00 PM
n-Propylbenzene	ND	2 0		µg/L	1	4/17/02 10:43:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 10:43.00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 10:43.00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/17/02 10:43:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43.00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Hexachlorobutadiene	ND	2 0		µg/L	1	4/17/02 10:43:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Surr. Dibromofluoromethane	108	85-120		%REC	1	4/17/02 10.43:00 PM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/17/02 10:43.00 PM
Surr: Toluene-d8	98.7	88-109		%REC	1	4/17/02 10:43:00 PM
Surr: 4-Bromofluorobenzene	91.9	77-117		%REC	1	4/17/02 10.43:00 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.

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

ient: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.7	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	91	%	1.0		
TOLUENE-D8	92	%	1.0		
P-BROMOFLUOROBENZENE	98	%	1.0		
1,2-DICHLOROETHANE-D4	95	%	1.0		

Report Notes: B, J

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-5-S2-QD1
Matrix: WATER
SDG Name: WS0804
Percent Solids: 0.00
Lab Sample ID: WS0804-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	52.4	B		P	1
7440-36-0	ANTIMONY	2.62	U		P	1
7440-38-2	ARSENIC	2.15	U		P	1
7440-39-3	BARIUM	0.24	U		P	1
7440-41-7	BERYLLIUM	0.28	U		P	1
7440-43-9	CADMIUM	0.35	U		P	1
7440-70-2	CALCIUM	5.49	U		P	1
7440-47-3	CHROMIUM	1.2	B		P	1
7440-48-4	COBALT	0.68	U		P	1
7440-50-8	COPPER	0.85	U		P	1
7439-89-6	IRON	13.75	U		P	1
7439-92-1	LEAD	1.37	U		P	1
7439-95-4	MAGNESIUM	5.58	U		P	1
7439-96-5	MANGANESE	0.20	B		P	1
7439-97-6	MERCURY	0.03	U		CV	1
7440-02-0	NICKEL	0.93	U		P	1
7440-09-7	POTASSIUM	388.09	U		P	1
7782-49-2	SELENIUM	3.42	U		P	1
7440-22-4	SILVER	0.94	U		P	1
7440-23-5	SODIUM	25.2	B		P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	0.58	U		P	1
7440-66-6	ZINC	1.26	U		P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

FORM I - IN

Appendix G.3

Sediment Samples

APPENDIX G.3

SAMPLE KEY – SITE 9
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
Sediment Samples	
BN-20-S9-SD010A	SED-010
BN-20-S9-SDX01A	SED-010 - Duplicate
Equipment Rinsate Blank	
BN-20-S9-QS002	QS-002
Source Water Blank	
BN-5-S2-QD1	QD-001

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

36440

CHAIN OF CUSTODY RECORD

Proj. No. 1530 29600.47

Project Name: BNAS-LTMP

Project State: Maine

Samplers (Signature): Brian D Anderson

PAGE 1 OF 1

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	VOC 8260B	% moisture						Remarks
LT901	4/8/02	1400		X	BN-20-S9-LT901	VOC-9 VOA	A	X							MS/MSD
—	4/8/02	—		X	BN-20-S9-LTXD1	40ml VOA-3	A	X							
Bottle	4/8/02	0900		X	BN-20-S9-QS001	40ml VOA-3	A	X							
Bottle	4/8/02	0930		X	BN-20-S9-QS002	40ml VOA-3	A	X							
Trip	4/8/02	0900		X	BN-20-S9-QT4	40ml VOA-1	A	X							
SD010	4/8/02	1500		X	BN-20-S9-SD010	40ml VOA-9	O	X	X						MS/MSD methanol and sodium preserved
—	4/8/02	—		X	BN-20-S9-SDXD1	40ml VOA-9	O	X	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Jim Anderson	4/9/02 1600	[illegible] 4-10-02
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)

Results needed

PO#

AMRO Project No. 0204088

Seal Intact? Yes No N/A

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-8846

Remarks
Samples from SD010 sediment preserved with methanol and sodium bisulfate.

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

36530

CHAIN OF CUSTODY RECORD

Proj No.: 29600.47.1530
Project Name: BNAS - LTMP
Project State: Maine
Samplers (Signature): Michael Cr
PAGE 1 OF 1

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	VOC 8260D	% Moisture						Remarks
SD010	4/30/02	0900		X	BN-20-59-SD010A	40ml/VOA-3	O	X	X						Sediment
—	4/30/02	—		X	BN-20-59-SDXD1A	40ml/VOA-3	O	X	X						Sediment
—	4/30/02	0900		X	BN-20-59-QTG	40ml/VOA-3	W	X							Trip
—	4/30/02	0900		X	BN-20-59-QS005	40ml/VOA-3	W	X							Rinsate

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**
AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Michael Cr	4/30/02 1020	
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)
	5/01/02 745	[illegible]

☐ Fax to (phone)
Results needed
PO#
AMRO Project No.: 0205001
Seal Intact? No N/A

Send Results to: AL Easterday
EA Engineering
175 Middlesex Turnpike
Bedford, MA 01730
(781) 275-8846

Remarks: Samples from SD010 sediment preserved w/ Methanol and Sodium Bisulfate
Temp blank included

2 unpreserved samples = % Moisture

White: Lab copy Yellow: Accompanies report Pink: Client copy

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 Tech. | Contact: M Easterly | Phone #: (781) 275-5846 | Fax #: (781) 275-73

Address: 195 Mill Plex Tpk. | City: Bedford | State: MA | Zip Code: 01730

Purchase Order # | Proj. Name / No.: NAE | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign) | Copies To:

LAB USE ONLY | WORK ORDER #:

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 3-40mL V HCl	TAL Metals 6010 1-1LP HNO3	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-5-S2-MW103	4/9/02 / 1030	GW	4	X	X										
	BN-5-S2-MW104	4/9/02 / 1235	GW	4	X	X										
	BN-5-S2-MW241	4/9/02 / 1315	GW	4	X	X										
	BN-5-S2-MW242	4/9/02 / 1055 ~~1315~~	GW	7	X	X		MS/MSD								
	BN-5-S2-MW242	4/9/02 / 1140	GW	4	X	X										
	BN-5-S2-MW243	4/9/02 / 1055 ~~1050~~	GW	4	X	X										
	BN-5-S2-MWXD1	4/9/02 / —	GW	4	X	X										
	BN-5-S2-QT5	4/9/02 / 1030	N	3	X			TRIP BLANK								
	BN-5-S2-QD1	4/9/02 / 1500	water	4	X	X										
	BN-5-S2-QS3	4/9/02 / 1505	water	4	X	X										
	BN-5-S2-QS4	4/9/02 / 1520	water	4	X	X										
		/														
		/														
		/														
		/														
		/														

COMMENTS: Sample BN-5-S2-MW103 Status SDG all samples included. Is Do Complete

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/10/02 1700	[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.

CUSTOMER

AMRO Environmental Laboratories Corp.

Date: *14-May-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-SD010A
Lab Order:	0205001		
Project:	29600.47.1530 BNAS - LTMP	**Collection Date:**	4/30/02
Lab ID:	0205001-01A	**Matrix:**	SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS, EPA 5035 MEDIUM-LEVE SW8260B						Analyst: **SK**
Dichlorodifluoromethane	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Chloromethane	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Vinyl chloride	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Chloroethane	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Bromomethane	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Trichlorofluoromethane	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Acetone	ND	350		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,1-Dichloroethene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Carbon disulfide	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Methylene chloride	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Methyl tert-butyl ether	19	35	J	µg/Kg-dry	1	5/11/02 8:22:00 PM
trans-1,2-Dichloroethene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,1-Dichloroethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
2-Butanone	ND	350		µg/Kg-dry	1	5/11/02 8:22:00 PM
2,2-Dichloropropane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
cis-1,2-Dichloroethene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Chloroform	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Bromochloromethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,1,1-Trichloroethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,1-Dichloropropene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Carbon tetrachloride	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2-Dichloroethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Benzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Trichloroethene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2-Dichloropropane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Bromodichloromethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Dibromomethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
4-Methyl-2-pentanone	ND	350		µg/Kg-dry	1	5/11/02 8:22:00 PM
cis-1,3-Dichloropropene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Toluene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
trans-1,3-Dichloropropene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,1,2-Trichloroethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2-Dibromoethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
2-Hexanone	ND	350		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,3-Dichloropropane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Tetrachloroethene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Dibromochloromethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Chlorobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 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: *14-May-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-SD010A
Lab Order: 0205001
Project: 29600.47.1530 BNAS - LTMP
Collection Date: 4/30/02
Lab ID: 0205001-01A
Matrix: SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Ethylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
m,p-Xylene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
o-Xylene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Styrene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Bromoform	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Isopropylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,1,2,2-Tetrachloroethane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2,3-Trichloropropane	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Bromobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
n-Propylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
2-Chlorotoluene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
4-Chlorotoluene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,3,5-Trimethylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
tert-Butylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2,4-Trimethylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
sec-Butylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
4-Isopropyltoluene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,3-Dichlorobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,4-Dichlorobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
n-Butylbenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2-Dichlorobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2-Dibromo-3-chloropropane	ND	170		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2,4-Trichlorobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Hexachlorobutadiene	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
Naphthalene	ND	69		µg/Kg-dry	1	5/11/02 8:22:00 PM
1,2,3-Trichlorobenzene	ND	35		µg/Kg-dry	1	5/11/02 8:22:00 PM
Surr: Dibromofluoromethane	85.8	60-124		%REC	1	5/11/02 8:22:00 PM
Surr: 1,2-Dichloroethane-d4	94.6	55-128		%REC	1	5/11/02 8:22:00 PM
Surr: Toluene-d8	96.3	63-127		%REC	1	5/11/02 8:22:00 PM
Surr: 4-Bromofluorobenzene	88.4	58-125		%REC	1	5/11/02 8:22:00 PM

Qualifiers:

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J - Analyte detected below quantitation limits
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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: *14-May-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-SDX01A
Lab Order:	0205001		
Project:	29600.47.1530 BNAS - LTMP	**Collection Date:**	4/30/02
Lab ID:	0205001-02A	**Matrix:**	SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS, EPA 5035 MEDIUM-LEVE SW8260B						Analyst: **SK**
Dichlorodifluoromethane	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Chloromethane	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Vinyl chloride	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Chloroethane	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Bromomethane	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Trichlorofluoromethane	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Acetone	ND	430		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,1-Dichloroethene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Carbon disulfide	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Methylene chloride	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Methyl tert-butyl ether	26	43	J	µg/Kg-dry	1	5/11/02 8:56:00 PM
trans-1,2-Dichloroethene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,1-Dichloroethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
2-Butanone	ND	430		µg/Kg-dry	1	5/11/02 8:56:00 PM
2,2-Dichloropropane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
cis-1,2-Dichloroethene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Chloroform	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Bromochloromethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,1,1-Trichloroethane	ND	43		µg/Kg-dry	1	5/11/02 8:56.00 PM
1,1-Dichloropropene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Carbon tetrachloride	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2-Dichloroethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Benzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Trichloroethene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2-Dichloropropane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Bromodichloromethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Dibromomethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
4-Methyl-2-pentanone	ND	430		µg/Kg-dry	1	5/11/02 8:56:00 PM
cis-1,3-Dichloropropene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Toluene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
trans-1,3-Dichloropropene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,1,2-Trichloroethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2-Dibromoethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
2-Hexanone	ND	430		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,3-Dichloropropane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Tetrachloroethene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Dibromochloromethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Chlorobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 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: *14-May-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-SDX01A
Lab Order:	0205001		
Project:	29600.47.1530 BNAS - LTMP	**Collection Date:**	4/30/02
Lab ID:	0205001-02A	**Matrix:**	SEDIMENT

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Ethylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
m,p-Xylene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
o-Xylene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Styrene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Bromoform	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Isopropylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,1,2,2-Tetrachloroethane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2,3-Trichloropropane	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Bromobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
n-Propylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
2-Chlorotoluene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
4-Chlorotoluene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,3,5-Trimethylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
tert-Butylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2,4-Trimethylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
sec-Butylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
4-Isopropyltoluene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,3-Dichlorobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,4-Dichlorobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
n-Butylbenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2-Dichlorobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2-Dibromo-3-chloropropane	ND	220		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2,4-Trichlorobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Hexachlorobutadiene	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
Naphthalene	ND	86		µg/Kg-dry	1	5/11/02 8:56:00 PM
1,2,3-Trichlorobenzene	ND	43		µg/Kg-dry	1	5/11/02 8:56:00 PM
Surr: Dibromofluoromethane	76.1	60-124		%REC	1	5/11/02 8:56:00 PM
Surr: 1,2-Dichloroethane-d4	83.7	55-128		%REC	1	5/11/02 8:56:00 PM
Surr: Toluene-d8	88.7	63-127		%REC	1	5/11/02 8:56:00 PM
Surr: 4-Bromofluorobenzene	80.1	58-125		%REC	1	5/11/02 8:56:00 PM

Qualifiers:

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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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QS002
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 11:17:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 11:17:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Chloroethane	ND	5 0		µg/L	1	4/17/02 11:17:00 PM
Bromomethane	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Acetone	2.6	10	J	µg/L	1	4/17/02 11:17:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 11:17:00 PM
Carbon disulfide	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
Methylene chloride	ND	5 0		µg/L	1	4/17/02 11:17:00 PM
Methyl tert-butyl ether	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 11:17.00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 11:17 00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 11:17 00 PM
Chloroform	0.59	2.0	J	µg/L	1	4/17/02 11:17:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 11:17:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,2-Dichloropropane	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Dibromomethane	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 11:17:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 11:17:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 11:17:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 11:17:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Tetrachloroethene	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 11:17 00 PM
Chlorobenzene	ND	2 0		µg/L	1	4/17/02 11:17:00 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
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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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QS002
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,2,3-Trichloropropane	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
Bromobenzene	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 11:17.00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
n-Butylbenzene	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
1,2-Dichlorobenzene	ND	2 0		µg/L	1	4/17/02 11:17:00 PM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/17/02 11:17:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 11:17:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 11:17.00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 11:17.00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/17/02 11:17:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/17/02 11:17:00 PM
Surr: Toluene-d8	96.4	88-109		%REC	1	4/17/02 11:17:00 PM
Surr: 4-Bromofluorobenzene	98.0	77-117		%REC	1	4/17/02 11:17:00 PM

Qualifiers:

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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.

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

ient: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.7	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	91	%	1.0		
TOLUENE-D8	92	%	1.0		
P-BROMOFLUOROBENZENE	98	%	1.0		
1,2-DICHLOROETHANE-D4	95	%	1.0		

Report Notes: B, J

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-5-S2-QD1

Matrix: WATER **SDG Name:** WS0804

Percent Solids: 0.00 **Lab Sample ID:** WS0804-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	52.4	B		P	1
7440-36-0	ANTIMONY	2.62	U		P	1
7440-38-2	ARSENIC	2.15	U		P	1
7440-39-3	BARIUM	0.24	U		P	1
7440-41-7	BERYLLIUM	0.28	U		P	1
7440-43-9	CADMIUM	0.35	U		P	1
7440-70-2	CALCIUM	5.49	U		P	1
7440-47-3	CHROMIUM	1.2	B		P	1
7440-48-4	COBALT	0.68	U		P	1
7440-50-8	COPPER	0.85	U		P	1
7439-89-6	IRON	13.75	U		P	1
7439-92-1	LEAD	1.37	U		P	1
7439-95-4	MAGNESIUM	5.58	U		P	1
7439-96-5	MANGANESE	0.20	B		P	1
7439-97-6	MERCURY	0.03	U		CV	1
7440-02-0	NICKEL	0.93	U		P	1
7440-09-7	POTASSIUM	388.09	U		P	1
7782-49-2	SELENIUM	3.42	U		P	1
7440-22-4	SILVER	0.94	U		P	1
7440-23-5	SODIUM	25.2	B		P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	0.58	U		P	1
7440-66-6	ZINC	1.26	U		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix G.4

Leachate Station Seep Sample

APPENDIX G.4

SAMPLE KEY – SITE 9
NAVAL AIR STATION, BRUNSWICK, MAINE

Sample Designation	Sample Station
LT-901 (Seep) Samples	
BN-20-S9-LT901	LT-901
BN-20-S9-LTXD1	LT-901 - Duplicate
Trip Blank	
BN-20-S9-QT4	QT-04
Equipment Rinsate Blank	
BN-20-S9-QS001	QS-001
Source Water Blank	
BN-5-S2-QD1	QD-001

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

36440

CHAIN OF CUSTODY RECORD

Proj. No. 1530 29600.47
Project Name: BNAS-LTMP
Project State: Maine
Samplers (Signature): Brian D Anderson
PAGE 1 OF 1

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	VOC 8260B	% moisture						Remarks
LT901	4/8/02	1400		X	BN-20-S9-LT901	VOC-9 VOA	A	X							MS/MSD
—	4/8/02	—		X	BN-20-S9-LTXD1	40ml VOA-3	A	X							
Bottle	4/8/02	0900		X	BN-20-S9-QS001	40ml VOA-3	A	X							
Bottle	4/8/02	0930		X	BN-20-S9-QS002	40ml VOA-3	A	X							
Trip	4/8/02	0900		X	BN-20-S9-QT4	40ml VOA-1	A	X							
SD010	4/8/02	1500		X	BN-20-S9-SD010	40ml VOA-9	O	X	X						MS/MSD methanol and sodium bisulfate preserved
—	4/8/02	—		X	BN-20-S9-SDXD1	40ml VOA-3	O	X	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**
AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Jim Antonucci	4/9/02 1600	[illegible] 4-10-02 8:45
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)
Results needed
PO#
AMRO Project No. 0204088
Seal Intact? Yes No N/A

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-8846

Remarks
Samples from SD010 sediment preserved with methanol and sodium bisulfate.

White: Lab copy Yellow: Accompanies report Pink: Client copy

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 Tech. | Contact: M Easterday | Phone #: (781) 275-5846 | Fax #: (781) 275-[illegible]

Address: 175 Middlesex Tpk. | City: Bedford | State: MA | Zip Code: 01730

Purchase Order #: | Proj. Name / No.: NASB | Katahdin Quote #:

Bill (if different than above): | Address:

Sampler (Print / Sign): | Copies To:

LAB USE ONLY WORK ORDER #:

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 3-40mL V HCl	TAL Metals 6010 1-1L P HNO3	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-5-S2-MW103	4/9/02 / 1030	GW	4	X	X										
	BN-5-S2-MW104	4/9/02 / 1235	GW	4	X	X										
	BN-5-S2-MW241	4/9/02 / 1315	GW	4	X	X										
	BN-5-S2-MW242 MS/MSD	4/9/02 / ~~1315~~ 1055	GW	7	X	X		MS/MSD								
	BN-5-S2-MW242	4/9/02 / 1140	GW	4	X	X										
	BN-5-S2-MW243	4/9/02 / ~~1150~~ 1055	GW	4	X	X										
	BN-5-S2-MWXD1	4/9/02 / —	GW	4	X	X										
	BN-5-S2-QT5	4/9/02 / 1030	N	3	X			TRIP BLANK								
	BN-5-S2-QD1	4/9/02 / 1500	water	4	X	X										
	BN-5-S2-QS3	4/9/02 / 1505	water	4	X	X										
	BN-5-S2-QS4	4/9/02 / 1520	water	4	X	X										
		/														
		/														
		/														
		/														
		/														

COMMENTS: Sample BN-5-S2-MW103 starts SDG all samples included. SDG complete

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/10/02 [illegible]	[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

CUSTOMER

AMRO Environmental Laboratories Corp.

Date: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-LT901
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 9:35:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 9:35:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 9:35:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Acetone	ND	10		µg/L	1	4/17/02 9:35:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 9:35:00 PM
Carbon disulfide	ND	2 0		µg/L	1	4/17/02 9:35:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/17/02 9:35:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 9:35:00 PM
2,2-Dichloropropane	ND	2 0		µg/L	1	4/17/02 9:35:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Chloroform	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Bromochloromethane	ND	2 0		µg/L	1	4/17/02 9:35:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 9:35:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 9:35:00 PM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/17/02 9:35:00 PM
Toluene	ND	2 0		µg/L	1	4/17/02 9:35:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 9:35:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 9:35:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-LT901
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 9:35.00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
4-Isopropyltoluene	0.94	2.0	J	µg/L	1	4/17/02 9:35:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:35.00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 9:35:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 9:35:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:35:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/17/02 9:35:00 PM
Surr: 1,2-Dichloroethane-d4	121	80-124		%REC	1	4/17/02 9:35:00 PM
Surr: Toluene-d8	96.0	88-109		%REC	1	4/17/02 9:35:00 PM
Surr: 4-Bromofluorobenzene	93.0	77-117		%REC	1	4/17/02 9:35:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-LTXD1
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/17/02 10:09:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 10:09:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 10:09:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Acetone	ND	10		µg/L	1	4/17/02 10:09:00 PM
1,1-Dichloroethene	ND	1 0		µg/L	1	4/17/02 10:09:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Methylene chloride	ND	5 0		µg/L	1	4/17/02 10:09:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 10:09:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:09.00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Chloroform	ND	2 0		µg/L	1	4/17/02 10:09.00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Carbon tetrachloride	ND	2 0		µg/L	1	4/17/02 10:09:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 10:09:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 10:09:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 10:09:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 10:09:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 10:09:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Dibromochloromethane	ND	2 0		µg/L	1	4/17/02 10:09:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 10.09.00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-LTXD1
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Ethylbenzene	ND	2 0		µg/L	1	4/17/02 10:09:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/17/02 10:09:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
4-Isopropyltoluene	1.0	2.0	J	µg/L	1	4/17/02 10:09:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
n-Butylbenzene	ND	2 0		µg/L	1	4/17/02 10:09.00 PM
1,2-Dichlorobenzene	ND	2 0		µg/L	1	4/17/02 10:09:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 10:09:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 10:09:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:09:00 PM
Surr: Dibromofluoromethane	110	85-120		%REC	1	4/17/02 10:09:00 PM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/17/02 10:09.00 PM
Surr: Toluene-d8	97.6	88-109		%REC	1	4/17/02 10:09:00 PM
Surr: 4-Bromofluorobenzene	101	77-117		%REC	1	4/17/02 10:09:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Acetone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Methylene chloride	2.9	5.0	J	µg/L	1	4/17/02 9:01:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroform	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromomethane	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9.01:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01 00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9.01:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/17/02 9:01:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/17/02 9:01:00 PM
Surr: Toluene-d8	100	88-109		%REC	1	4/17/02 9:01:00 PM
Surr: 4-Bromofluorobenzene	93.8	77-117		%REC	1	4/17/02 9:01:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

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RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology.	**Client Sample ID:**	BN-20-S9-QS001
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Chloroethane	ND	5 0		µg/L	1	4/17/02 10:43:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Acetone	ND	10		µg/L	1	4/17/02 10:43:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/17/02 10.43:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
trans-1,2-Dichloroethene	ND	2 0		µg/L	1	4/17/02 10.43:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 10:43:00 PM
2,2-Dichloropropane	ND	2 0		µg/L	1	4/17/02 10.43:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Chloroform	0.60	2.0	J	µg/L	1	4/17/02 10:43:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 10.43:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Benzene	ND	1 0		µg/L	1	4/17/02 10:43:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 10:43:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/17/02 10:43:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 10:43:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM.

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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S - Spike Recovery outside accepted recovery limits

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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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QS001
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Styrene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,3,5-Trimethylbenzene	ND	2 0		µg/L	1	4/17/02 10:43:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 10:43:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 10:43:00 PM
Surr: Dibromofluoromethane	108	85-120		%REC	1	4/17/02 10:43:00 PM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/17/02 10:43:00 PM
Surr: Toluene-d8	98.7	88-109		%REC	1	4/17/02 10:43:00 PM
Surr: 4-Bromofluorobenzene	91.9	77-117		%REC	1	4/17/02 10:43:00 PM

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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.

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

ient: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.7	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	91	%	1.0		
TOLUENE-D8	92	%	1.0		
P-BROMOFLUOROBENZENE	98	%	1.0		
1,2-DICHLOROETHANE-D4	95	%	1.0		

Report Notes: B, J

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services **Client Field ID:** BN-5-S2-QD1

Matrix: WATER **SDG Name:** WS0804

Percent Solids: 0.00 **Lab Sample ID:** WS0804-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	52.4	B		P	1
7440-36-0	ANTIMONY	2.62	U		P	1
7440-38-2	ARSENIC	2.15	U		P	1
7440-39-3	BARIUM	0.24	U		P	1
7440-41-7	BERYLLIUM	0.28	U		P	1
7440-43-9	CADMIUM	0.35	U		P	1
7440-70-2	CALCIUM	5.49	U		P	1
7440-47-3	CHROMIUM	1.2	B		P	1
7440-48-4	COBALT	0.68	U		P	1
7440-50-8	COPPER	0.85	U		P	1
7439-89-6	IRON	13.75	U		P	1
7439-92-1	LEAD	1.37	U		P	1
7439-95-4	MAGNESIUM	5.58	U		P	1
7439-96-5	MANGANESE	0.20	B		P	1
7439-97-6	MERCURY	0.03	U		CV	1
7440-02-0	NICKEL	0.93	U		P	1
7440-09-7	POTASSIUM	388.09	U		P	1
7782-49-2	SELENIUM	3.42	U		P	1
7440-22-4	SILVER	0.94	U		P	1
7440-23-5	SODIUM	25.2	B		P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	0.58	U		P	1
7440-66-6	ZINC	1.26	U		P	1

Color Before: N/A Clarity Before: N/A

Color After: N/A Clarity After: N/A

Comments:

FORM I - IN

Appendix G.5

Diffusion Samples

APPENDIX G.5

SAMPLE KEY – SITE 9
NAVAL AIR STATION, BRUNSWICK

Sample Designation	Sample Station
Diffusion Samples	
BN-20-S9-DS069S	MW-NASB-069 (shallow)
BN-20-S9-DSXD3	MW-NASB-069 (shallow) –Duplicate
BN-20-S9-DS069M	MW-NASB-069 (mid)
BN-20-S9-DSXD4	MW-NASB-076 (mid) -Duplicate
BN-20-S9-DS069D	MW-NASB-069 (deep)
BN-20-S9-DS071S	MW-NASB-071 (shallow)
BN-20-S9-DS071M	MW-NASB-071 (mid)
BN-20-S9-DS071D	MW-NASB-071 (deep)
BN-20-S9-DS072S	MW-NASB-072 (shallow)
BN-20-S9-DS072D	MW-NASB-072 (deep)
BN-20-S9-DS074S	MW-NASB-074 (shallow)
BN-20-S9-DS074M	MW-NASB-074 (mid)
BN-20-S9-DS074D	MW-NASB-074 (deep)
BN-20-S9-DS075S	MW-NASB-075 (shallow)
BN-20-S9-DS075M	MW-NASB-075 (mid)
BN-20-S9-DS075D	MW-NASB-075 (deep)
BN-20-S9-DS076S	MW-NASB-076 (shallow)
BN-20-S9-DSXD1	MW-NASB-076 (shallow) – Duplicate
BN-20-S9-DS076M	MW-NASB-076 (mid)
BN-20-S9-DS076D	MW-NASB-076 (deep)
BN-20-S9-DSXD2	MW-NASB-076 (deep) - Duplicate
BN-20-S9-DS080S	MW-NASB-080 (shallow)
BN-20-S9-DS080M	MW-NASB-080 (mid)
BN-20-S9-DS080D	MW-NASB-080 (deep)
BN-20-S9-DS021S	MW-NASB-021 (shallow)
BN-20-S9-DS021D	MW-NASB-021 (deep)
BN-20-S9-DS022S	MW-NASB-022 (shallow)
BN-20-S9-DS022M	MW-NASB-022 (mid)
BN-20-S9-DS022D	MW-NASB-022 (deep)
BN-20-S9-DS227	MW-NASB-227 (shallow)
BN-20-S9-DS227	MW-NASB-227 (mid)
BN-20-S9-DS227	MW-NASB-227 (deep)
Trip Blank	
BN-20-S9-QT3	QT-03
BN-20-S9-QT4	QT-04
Diffusion Rinse Blank	
BN-20-EP-QS5	QS-005
Source Water Blank	
BN-5-S2-QD1	QD-001

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

3650

CHAIN OF CUSTODY RECORD

Proj. No.: 2-66-77
Project Name: BNAS Brunswick LTMP
Project State: Maine
Samplers (Signature): [illegible]

PAGE 1 OF 2

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O (Explain)

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX							Remarks
MW-227	4/4/02	1120		X	BN-20-99-DS227M	3x 40ml VOA	A	X						MS/MSD
MW-076	4/3/02	1330		X	BN-20-99-DS076S	3x 40ml VOA	A	X						
—	4/3/02	XX		X	BN-20-99-DSXD1		A	X						
MW-076	4/3/02	1325		X	BN-20-99-DS076M		A	X						
MW-076	4/3/02	1330		X	BN-20-99-DS076D		A	X						
MW-069	4/4/02	0910		X	BN-20-99-DS069S		A	X						
MW-069	4/4/02	0912		X	BN-20-99-DS069M		A	X						
MW-069	4/4/02	0949		X	BN-20-99-DS069D		A	X						
MW-074	4/4/02	1100		X	BN-20-99-DS074S		A	X						MS/D
—	4/4/02	XX		X	BN-20-99-DSXD2		A	X						
MW-074	4/4/02	1100		X	BN-20-99-DS074M		A	X						
MW-074	4/4/02	1110		X	BN-20-99-DS074D		A	X						
MW-080	4/4/02	0912		X	BN-20-99-DS080S		A	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
[illegible]	4/5/02 1220	[illegible]
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by. (Signature)

☐ Fax to (phone)
Results needed
PO#
AMRO Project No. 0204060
Seal Intact? Yes No N/A

Send Results to:
Al Gustedat
BA Engineering
175 Middlesex Tpk
Bedford MA 01730
(781) 275-5844

Remarks

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax. 603-429-8496

36437

CHAIN OF CUSTODY RECORD

Proj. No.: 2260-11
Project Name: [illegible]
Project State: [illegible]
Samplers (Signature): [illegible]
PAGE 2 OF 3

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX (Water - A, Soil/Solid-S, Waste-W, Other-O, Explain)	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Remarks
MW-080	[illegible]	[illegible]		X	[illegible]	[illegible]	A	X						
MW-021	[illegible]	[illegible]		X	[illegible]		A	X						[illegible]
MW-021	[illegible]	[illegible]		X	[illegible]		A	X						[illegible]
—	[illegible]	[illegible]		X	[illegible]		A	X						[illegible]
MW-022	[illegible]	[illegible]		X	[illegible]	[illegible]	A	X						[illegible]
MW-022	[illegible]	[illegible]		X	[illegible]	[illegible]	A	X						[illegible]
—	[illegible]	[illegible]		X	[illegible]		A	X						
MW-022	[illegible]	[illegible]		X	[illegible]		A	X						[illegible]
MW-022	[illegible]	[illegible]		X	[illegible]		A	X						
MW-227	[illegible]	[illegible]		X	[illegible]		A	X						
MW-227	[illegible]	[illegible]		X	[illegible]		A	X						
—	[illegible]	[illegible]		X	[illegible]		A	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
[illegible]	4/5/02 1220	[illegible]
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)
Results needed
PO#
AMRO Project No. 2204060
Seal Intact? Yes No N/A

Send Results to:
AI Engineering
[illegible]
[illegible]
[illegible]
(781) [illegible]

Remarks

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

36436

CHAIN OF CUSTODY RECORD

Proj. No.: 600.47
Project Name: LTMP - Site 9 - Low Flow
Project State: ME
Samplers (Signature): MAC - [illegible]
PAGE 1 OF 1

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	VOC 8260	Hg - Method 245.1	SVOC 8270				Remarks
MW-061	4/4/02	1040		✓	BN-20-59-MW061	~~2~~ 18	A	x	x	x				MS/MSD
MW-072	4/3/02	1430		✓	BN-20-59-MW072	3	A	x						
	4/5/02	—		✓	BN-20-59-MWXD2	3	A	x						
MW-070	4/4/02	1540		✓	BN-20-59-MW070	3	A		x	x				
MW-074	4/4/02	1700		✓	BN-20-59-MW074	3	A	x						
MW-079	4/4/02	1200		✓	BN-20-59-MW079	3	A		x	x				
MW-080	4/4/02	1640		✓	BN-20-59-MW080	3	A	x						
MW-022	4/4/02	1600		✓	BN-20-59-MW022	3	A	x						
MW-227	4/4/02	1255		✓	BN-20-59-MW227	3	A	x						
~~Trip~~	4/4/02	—		✓	BN-20-59-MWXD1	6	A	x	x	x				
														~~[illegible]~~

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
[illegible]	4/5/02 1220	[illegible]
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)
Results needed
PO#
AMRO Project No.: [illegible]
Seal Intact? Yes No N/A

Send Results to:

Remarks: [illegible]

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

36439

CHAIN OF CUSTODY RECORD

Proj No. 1530 24600.47 | Project Name: BNAS - LTMP | Project State: ME | PAGE 1 OF 1

Samplers (Signature): Jim Anderson

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX Water - A Soil/Solid-S Waste-W Other-O Explain	8260 B						Remarks
MW-072	04/08/02	~~1100~~ 1110		X	BN-20-59-DS072S	3-40mL VOA	A	X						Hold on Analysis
MW-075	04/08/02	1110		X	BN-20-59-DS075S	3-40mL VOA	A	X						Hold on Analysis
MW-075	04/08/02	1115		X	BN-20-59-DS075M	3-40mL VOA	A	X						Hold on Analysis
MW-071	04/08/02	1455		X	BN-20-59-DS071S	3-40mL VOA	A	X						HOLD on Analysis
MW-071	04/08/02	1500		X	BN-20-59-DS071M	3-40mL VOA	A	X						HOLD on Analysis

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Jim Anderson	4/9/02 1600	[illegible] 4-10-02
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)

Results needed

PO#

AMRO Project No. 0204087

Seal Intact? Yes No N/A

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-8846

Remarks
Samples Shipped with Trip blank
BN-20-59-QT4

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N.H. 03054
Office: 603-424-2022 Fax: 603-429-8496

3644

CHAIN OF CUSTODY RECORD

Proj. No. 1530 29600.47
Project Name: BNAS-LTMP
Project State: Maine
Samplers (Signature): Brian D Anderson
PAGE 1 OF 1

MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain

Sta. No	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	VOC 8260B	% moisture						Remarks
LT901	4/8/02	1400		X	BN-20-S9-LT901	VOC - 9 VOA	A	X							MS/MSD
—	4/8/02	—		X	BN-20-S9-LTXD1	40ml VOA-3	A	X							
Bottle	4/8/02	0900		X	BN-20-S9-QS001	40ml VOA-3	A	X							
Bottle	4/8/02	0930		X	BN-20-S9-QS002	40ml VOA-3	A	X							
Trip	4/8/02	0900		X	BN-20-S9-QT4	40ml VOA-1	A	X							
SD010	4/8/02	1500		X	BN-20-S9-SD010	40ml VOA-9	O	X	X						MS/MSD methanol and sodium preserved
—	4/8/02	—		X	BN-20-S9-SDXD1	40ml VOA-9	O	X	X						

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION
Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**
AUTHORIZATION NO._____ **T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
Jim Antonucci	4/9/02 1600	[illegible] 4-10-02
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)

☐ Fax to (phone)
Results needed
PO#

Send Results to:
Al Easterday
EA Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-5846

AMRO Project No. 0204088

Seal Intact? Yes No N/A

Remarks
Samples from SD010 sediment preserved with methanol and sodium bisulfate.

White: Lab copy Yellow: Accompanies report Pink: Client copy

AMRO Environmental Laboratories Corporation
111 Herrick Street
Merrimack, N H. 03054
Office. 603-424-2022 Fax: 603-429-8496

36530

CHAIN OF CUSTODY RECORD

Proj. No.: 3600.47.1530
Project Name: BNAS - LTMP
Project State: Maine
Samplers (Signature): [illegible]
Type Size, & No. of Containers
MATRIX: Water - A; Soil/Solid-S; Waste-W; Other-O; Explain
PAGE 1 OF 1

Sta. No.	Date	Time	Comp	Grab	Station Location	Type Size, & No. of Containers	MATRIX	VOC 8260B	% Moisture						Remarks
SD010	4/30/02	0900		X	BN-20-59-SD010A	40ml/VOA-3	O	X	X						Sediment
—	4/30/02	—		X	BN-20-59-SDX01A	40ml/VOA-3	O	X	X						Sediment
—	4/30/02	0900		X	BN-20-59-QTG	40ml/VOA-3	W	X							Trip
—	4/30/02	0900		X	BN-20-59-QS005	40ml/VOA-3	W	X							Rinsate

Please print clearly, legibly and completely. Samples cannot be logged in and the turnaround time clock will not start until any ambiguities are resolved.

PRIORITY TURNAROUND TIME AUTHORIZATION

Before submitting samples for expedited T.A.T., you must have requested in advance and received a coded **T.A.T. AUTHORIZATION NUMBER.**

AUTHORIZATION NO._____**T.A.T. authorized by:**_____

Relinquished by (Signature)	Date Time	Received by (Signature)
[illegible]	4/30/02 1020	
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received by (Signature)
Relinquished by (Signature)	Date Time	Received for Laboratory by: (Signature)
	5/01/02 7:15	[illegible]

☐ Fax to (phone)
Results needed
PO#
AMRO Project No.: 02050001
Seal Intact? No N/A

Send Results to: Al Eastbrook
CB Engineering
175 Middlesex Turnpike
Bedford MA 01730
(781) 275-3846

Remarks: Samples from SD010 sediment proposed wetland wd Tatum Brook
Temp blank included

White. Lab copy Yellow: Accompanies report Pink: Client copy

Preservation samples - 7% methanol

Katahdin
ANALYTICAL SERVICES
590 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: Environmental Science Tech.	Contact: M Easterday	Phone #: (781) 275-2846	Fax #: (781) 275-7[illegible]
Address: 175 McGlade Tpk.	City: Bedford	State: MA	Zip Code: 1730
Purchase Order #:	Proj. Name / No.: NAS		Katahdin Quote #:
Bill (if different than above):	Address:		
Sampler (Print / Sign):			Copies To:

LAB USE ONLY WORK ORDER #:

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 6010 (Filt. ☐Y ☐N)									
					3 HCl	1 HNO3									
	BN-5-S2-MW103	4/9/02 / 1030	GW	4	X	X									
	BN-5-S2-MW104	4/9/02 / 1235	GW	4	X	X									
	BN-5-S2-MW241	4/9/02 / 1315	GW	4	X	X									
	BN-5-S2-MW242 MS/MSD	4/9/02 / ~~1315~~ 1055	GW	7	X	X		MS/MSD							
	BN-5-S2-MW242	4/9/02 / 1140	GW	4	X	X									
	BN-5-S2-MW243	4/9/02 / ~~1150~~ 1055	GW	4	X	X									
	BN-5-S2-MWXD1	4/9/02 / —	GW	4	X	X									
	BN-5-S2-QT5	4/9/02 / 1030	N	3	X			TRIP BLANK							
	BN-5-S2-QD1	4/9/02 / 1510	water	4	X	X									
	BN-5-S2-QS3	4/9/02 / 1505	water	4	X	X									
	BN-5-S2-QS4	4/9/02 / 1520	water	4	X	X									
		/													
		/													
		/													
		/													
		/													

COMMENTS Sample BN-5-S2-MW403 Stuck SDG all samples included. DQ Complete

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[illegible]	4/10/02 [illegible]	[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.

CUSTOMER

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS069S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-06A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 8:31:00 AM
Chloromethane	ND	5.0		µg/L	1	4/13/02 8:31:00 AM
Vinyl chloride	9.5	2.0		µg/L	1	4/13/02 8:31:00 AM
Chloroethane	ND	5.0		µg/L	1	4/13/02 8:31:00 AM
Bromomethane	ND	2.0		µg/L	1	4/13/02 8.31:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Acetone	3.2	10	J	µg/L	1	4/13/02 8:31:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 8:31:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 8:31:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
2-Butanone	ND	10		µg/L	1	4/13/02 8:31.00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
cis-1,2-Dichloroethene	13	2.0		µg/L	1	4/13/02 8:31:00 AM
Chloroform	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Bromochloromethane	ND	2 0		µg/L	1	4/13/02 8:31:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Benzene	ND	1.0		µg/L	1	4/13/02 8:31:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 8:31.00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 8:31.00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 8:31:00 AM
Toluene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 8:31:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2-Dibromoethane	ND	2 0		µg/L	1	4/13/02 8:31:00 AM
2-Hexanone	ND	10		µg/L	1	4/13/02 8:31:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS069S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-06A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
m,p-Xylene	ND	2 0		µg/L	1	4/13/02 8:31:00 AM
o-Xylene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Styrene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Bromoform	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 8:31.00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 8:31.00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/13/02 8:31:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Naphthalene	ND	5.0		µg/L	1	4/13/02 8:31:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 8:31:00 AM
Surr: Dibromofluoromethane	101	85-120		%REC	1	4/13/02 8:31:00 AM
Surr: 1,2-Dichloroethane-d4	112	80-124		%REC	1	4/13/02 8:31:00 AM
Surr: Toluene-d8	97.4	88-109		%REC	1	4/13/02 8:31:00 AM
Surr: 4-Bromofluorobenzene	98.6	77-117		%REC	1	4/13/02 8:31.00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD3
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-16A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 5:21:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 5:21:00 PM
Vinyl chloride	8.8	2.0		µg/L	1	4/15/02 5:21:00 PM
Chloroethane	ND	5 0		µg/L	1	4/15/02 5:21:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Acetone	ND	10		µg/L	1	4/15/02 5:21:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 5:21:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 5:21:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 5:21:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
cis-1,2-Dichloroethene	12	2.0		µg/L	1	4/15/02 5:21:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Carbon tetrachloride	ND	2 0		µg/L	1	4/15/02 5:21:00 PM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/15/02 5:21:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 5:21:00 PM
Trichloroethene	ND	2 0		µg/L	1	4/15/02 5:21:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 5:21:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 5:21:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 5:21:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 5:21:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Tetrachloroethene	ND	2 0		µg/L	1	4/15/02 5:21:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD3
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-16A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 5.21:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Styrene	ND	2 0		µg/L	1	4/15/02 5:21:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 5.21:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 5.21:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 5:21:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:21:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/15/02 5:21:00 PM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/15/02 5:21:00 PM
Surr: Toluene-d8	96.2	88-109		%REC	1	4/15/02 5:21:00 PM
Surr: 4-Bromofluorobenzene	96.8	77-117		%REC	1	4/15/02 5:21:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS069M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-07A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 9:05:00 AM
Chloromethane	ND	5.0		µg/L	1	4/13/02 9:05.00 AM
Vinyl chloride	57	2.0		µg/L	1	4/13/02 9:05:00 AM
Chloroethane	ND	5.0		µg/L	1	4/13/02 9.05:00 AM
Bromomethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Trichlorofluoromethane	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
Acetone	ND	10		µg/L	1	4/13/02 9:05:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 9:05.00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Methylene chloride	ND	5 0		µg/L	1	4/13/02 9:05:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
trans-1,2-Dichloroethene	1.1	2.0	J	µg/L	1	4/13/02 9:05:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
2-Butanone	ND	10		µg/L	1	4/13/02 9:05.00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
cis-1,2-Dichloroethene	41	2.0		µg/L	1	4/13/02 9:05:00 AM
Chloroform	ND	2 0		µg/L	1	4/13/02 9:05.00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Benzene	ND	1.0		µg/L	1	4/13/02 9:05.00 AM
Trichloroethene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 9:05:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 9:05:00 AM
Toluene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 9.05:00 AM
1,1,2-Trichloroethane	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
2-Hexanone	ND	10		µg/L	1	4/13/02 9:05:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 9:05.00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS069M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-07A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
o-Xylene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Styrene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Bromoform	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 9.05:00 AM
1,2,3-Trichloropropane	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
2-Chlorotoluene	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,3-Dichlorobenzene	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 9:05:00 AM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 9:05:00 AM
Naphthalene	ND	5.0		µg/L	1	4/13/02 9:05:00 AM
1,2,3-Trichlorobenzene	ND	2 0		µg/L	1	4/13/02 9:05:00 AM
Surr: Dibromofluoromethane	102	85-120		%REC	1	4/13/02 9:05:00 AM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/13/02 9:05:00 AM
Surr: Toluene-d8	95.9	88-109		%REC	1	4/13/02 9:05:00 AM
Surr: 4-Bromofluorobenzene	96 0	77-117		%REC	1	4/13/02 9:05:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD4
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-20A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/15/02 7:39:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 7:39:00 PM
Vinyl chloride	57	2.0		µg/L	1	4/15/02 7:39:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 7:39:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Acetone	ND	10		µg/L	1	4/15/02 7:39:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 7:39:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 7.39:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 7:39.00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
trans-1,2-Dichloroethene	1.1	2.0	J	µg/L	1	4/15/02 7:39:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 7:39:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
cis-1,2-Dichloroethene	41	2.0		µg/L	1	4/15/02 7:39:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 7:39 00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Carbon tetrachloride	ND	2 0		µg/L	1	4/15/02 7:39:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Benzene	ND	1 0		µg/L	1	4/15/02 7:39:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 7 39:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 7:39:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 7.39:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 7:39:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 7:39:00 PM
1,3-Dichloropropane	ND	2 0		µg/L	1	4/15/02 7:39:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD4
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-20A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 7.39:00 PM
Styrene	ND	2 0		µg/L	1	4/15/02 7:39:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 7:39.00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 7.39:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 7:39.00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 7 39:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 7:39:00 PM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/15/02 7:39:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 7:39:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:39:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/15/02 7.39:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/15/02 7:39.00 PM
Surr: Toluene-d8	95.9	88-109		%REC	1	4/15/02 7.39:00 PM
Surr: 4-Bromofluorobenzene	98.3	77-117		%REC	1	4/15/02 7:39:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS069D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-08A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 2:37:00 PM
Chloromethane	ND	5.0		µg/L	1	4/13/02 2:37:00 PM
Vinyl chloride	74	2.0		µg/L	1	4/13/02 2:37:00 PM
Chloroethane	ND	5.0		µg/L	1	4/13/02 2:37:00 PM
Bromomethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Acetone	ND	10		µg/L	1	4/13/02 2:37:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 2:37:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 2:37:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
trans-1,2-Dichloroethene	1.4	2.0	J	µg/L	1	4/13/02 2:37:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
2-Butanone	ND	10		µg/L	1	4/13/02 2:37:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
cis-1,2-Dichloroethene	42	2.0		µg/L	1	4/13/02 2:37:00 PM
Chloroform	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Benzene	ND	1.0		µg/L	1	4/13/02 2:37:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 2:37:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 2:37:00 PM
Toluene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 2:37:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
2-Hexanone	ND	10		µg/L	1	4/13/02 2:37:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS069D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-08A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
o-Xylene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Styrene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Bromoform	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 2:37:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Naphthalene	ND	5.0		µg/L	1	4/13/02 2:37:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 2:37:00 PM
Surr: Dibromofluoromethane	101	85-120		%REC	1	4/13/02 2:37:00 PM
Surr: 1,2-Dichloroethane-d4	112	80-124		%REC	1	4/13/02 2:37:00 PM
Surr: Toluene-d8	98.5	88-109		%REC	1	4/13/02 2:37:00 PM
Surr: 4-Bromofluorobenzene	96.3	77-117		%REC	1	4/13/02 2:37:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS071S
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 6:02:00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 6:02:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 6:02:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Acetone	ND	10		µg/L	1	4/18/02 6:02:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 6:02:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 6:02:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 6:02:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 6:02:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 6:02:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 6:02:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 6:02:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 6:02:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS071S
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 6.02:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 6:02 00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 6:02:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 6.02:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 6:02:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:02:00 PM
Surr Dibromofluoromethane	107	85-120		%REC	1	4/18/02 6:02:00 PM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/18/02 6:02:00 PM
Surr: Toluene-d8	98.1	88-109		%REC	1	4/18/02 6:02:00 PM
Surr: 4-Bromofluorobenzene	92.0	77-117		%REC	1	4/18/02 6:02:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS071M
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 6:37:00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 6:37:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 6:37:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Acetone	2.7	10	J	µg/L	1	4/18/02 6:37:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 6:37:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 6:37:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 6:37:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
cis-1,2-Dichloroethene	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
Chloroform	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,1-Dichloropropene	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 6:37:00 PM
Trichloroethene	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 6:37:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 6:37:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 6:37.00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 6:37:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 6:37:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS071M
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 6:37.00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 6:37.00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 6:37.00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,4-Dichlorobenzene	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 6:37.00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/18/02 6:37:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 6:37:00 PM
Naphthalene	ND	5 0		µg/L	1	4/18/02 6:37:00 PM
1,2,3-Trichlorobenzene	ND	2 0		µg/L	1	4/18/02 6:37:00 PM
Surr: Dibromofluoromethane	107	85-120		%REC	1	4/18/02 6:37.00 PM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/18/02 6:37:00 PM
Surr: Toluene-d8	98.8	88-109		%REC	1	4/18/02 6:37.00 PM
Surr: 4-Bromofluorobenzene	98.0	77-117		%REC	1	4/18/02 6:37:00 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: *23-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-DS071D
Lab Order: 0204101
Project: 29600.47.1530 BNAS-LTMP
Collection Date: 4/8/02
Lab ID: 0204101-06A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 1:55:00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 1:55:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 1:55:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Acetone	2.7	10	J	µg/L	1	4/18/02 1:55:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 1:55:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 1:55:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 1:55:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 1:55:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 1:55:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 1:55:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 1:55:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 1:55:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS071D
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-06A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 1:55:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 1:55:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 1:55:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/18/02 1:55:00 PM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/18/02 1:55:00 PM
Surr: Toluene-d8	96.5	88-109		%REC	1	4/18/02 1:55:00 PM
Surr: 4-Bromofluorobenzene	99.0	77-117		%REC	1	4/18/02 1:55:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS072S
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 4:19:00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 4:19:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 4:19:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Acetone	4.0	10	J	µg/L	1	4/18/02 4:19:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 4:19:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 4:19.00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 4:19:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 4:19.00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 4:19.00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 4:19:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 4:19:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 4.19:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 4:19:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2-Dibromoethane	ND	2 0		µg/L	1	4/18/02 4:19:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 4:19:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS072S
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 4:19.00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 4.19:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 4:19.00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/18/02 4:19:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 4:19:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 4:19:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:19:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/18/02 4:19:00 PM
Surr: 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/18/02 4:19:00 PM
Surr: Toluene-d8	98.4	88-109		%REC	1	4/18/02 4:19:00 PM
Surr: 4-Bromofluorobenzene	98.7	77-117		%REC	1	4/18/02 4:19:00 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: *23-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-DS072D
Lab Order: 0204101
Project: 29600.47.1530 BNAS-LTMP
Collection Date: 4/8/02
Lab ID: 0204101-03A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 11:43:00 AM
Chloromethane	ND	5.0		µg/L	1	4/18/02 11:43:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Chloroethane	ND	5.0		µg/L	1	4/18/02 11:43:00 AM
Bromomethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Acetone	ND	10		µg/L	1	4/18/02 11:43:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 11:43:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 11:43:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
2-Butanone	ND	10		µg/L	1	4/18/02 11:43:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Chloroform	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Benzene	ND	1.0		µg/L	1	4/18/02 11:43:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 11:43:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 11:43:00 AM
Toluene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 11:43:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
2-Hexanone	ND	10		µg/L	1	4/18/02 11:43:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS072D
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
o-Xylene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Styrene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Bromoform	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 11:43:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Naphthalene	ND	5.0		µg/L	1	4/18/02 11:43:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 11:43:00 AM
Surr: Dibromofluoromethane	107	85-120		%REC	1	4/18/02 11:43:00 AM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/18/02 11:43:00 AM
Surr: Toluene-d8	98.8	88-109		%REC	1	4/18/02 11:43:00 AM
Surr: 4-Bromofluorobenzene	100	77-117		%REC	1	4/18/02 11:43:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-DS074S
Lab Order: 0204060
Project: 29600.47 BNAS Brunswick LTMP
Collection Date: 4/4/02
Lab ID: 0204060-31A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 5.17:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 5:17:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 5:17:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Acetone	ND	10		µg/L	1	4/16/02 5:17:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 5:17:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Methylene chloride	ND	5 0		µg/L	1	4/16/02 5:17:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 5:17:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
cis-1,2-Dichloroethene	2.0	2.0	J	µg/L	1	4/16/02 5 17:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,1-Dichloropropene	ND	2 0		µg/L	1	4/16/02 5:17:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 5:17.00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 5:17:00 AM
Trichloroethene	1.3	2.0	J	µg/L	1	4/16/02 5:17:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 5:17:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 5:17:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 5:17:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 5:17.00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 5:17:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Dibromochloromethane	ND	2 0		µg/L	1	4/16/02 5:17:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS074S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-31A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,2,3-Trichloropropane	ND	2 0		µg/L	1	4/16/02 5:17:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 5:17:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 5:17:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:17:00 AM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/16/02 5:17:00 AM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/16/02 5:17:00 AM
Surr: Toluene-d8	96.6	88-109		%REC	1	4/16/02 5:17:00 AM
Surr: 4-Bromofluorobenzene	96.4	77-117		%REC	1	4/16/02 5:17:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS074M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-10A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 3:47:00 PM
Chloromethane	ND	5.0		µg/L	1	4/13/02 3:47:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Chloroethane	ND	5.0		µg/L	1	4/13/02 3:47:00 PM
Bromomethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Acetone	ND	10		µg/L	1	4/13/02 3:47:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 3:47:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 3:47:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 3 47:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
2-Butanone	ND	10		µg/L	1	4/13/02 3:47:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
cis-1,2-Dichloroethene	2.0	2.0		µg/L	1	4/13/02 3:47:00 PM
Chloroform	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Benzene	ND	1.0		µg/L	1	4/13/02 3:47:00 PM
Trichloroethene	1.4	2.0	J	µg/L	1	4/13/02 3:47:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 3.47:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 3:47.00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 3:47:00 PM
Toluene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 3:47:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
2-Hexanone	ND	10		µg/L	1	4/13/02 3:47:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS074M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-10A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
o-Xylene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Styrene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Bromoform	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 3.47:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
n-Propylbenzene	ND	2 0		µg/L	1	4/13/02 3:47:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 3.47:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 3:47:00 PM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/13/02 3:47.00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 3.47:00 PM
Naphthalene	ND	5.0		µg/L	1	4/13/02 3:47:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:47:00 PM
Surr: Dibromofluoromethane	102	85-120		%REC	1	4/13/02 3:47:00 PM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/13/02 3:47:00 PM
Surr: Toluene-d8	98.8	88-109		%REC	1	4/13/02 3:47:00 PM
Surr: 4-Bromofluorobenzene	99.4	77-117		%REC	1	4/13/02 3:47:00 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
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS074D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-11A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 4:22:00 PM
Chloromethane	ND	5.0		µg/L	1	4/13/02 4:22:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Chloroethane	ND	5.0		µg/L	1	4/13/02 4:22:00 PM
Bromomethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Acetone	2.5	10	J	µg/L	1	4/13/02 4:22:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 4:22:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 4:22:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
2-Butanone	ND	10		µg/L	1	4/13/02 4:22:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
cis-1,2-Dichloroethene	2.0	2.0		µg/L	1	4/13/02 4:22:00 PM
Chloroform	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Benzene	ND	1.0		µg/L	1	4/13/02 4:22:00 PM
Trichloroethene	1.5	2.0	J	µg/L	1	4/13/02 4:22:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 4:22:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 4:22:00 PM
Toluene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 4:22:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
2-Hexanone	ND	10		µg/L	1	4/13/02 4:22:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 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
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS074D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-11A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
o-Xylene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Styrene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Bromoform	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 4:22.00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 4:22:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Naphthalene	ND	5.0		µg/L	1	4/13/02 4:22:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:22:00 PM
Surr: Dibromofluoromethane	103	85-120		%REC	1	4/13/02 4:22:00 PM
Surr: 1,2-Dichloroethane-d4	113	80-124		%REC	1	4/13/02 4:22:00 PM
Surr: Toluene-d8	98.3	88-109		%REC	1	4/13/02 4:22.00 PM
Surr: 4-Bromofluorobenzene	100	77-117		%REC	1	4/13/02 4:22.00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS075S
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/18/02 4:53.00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 4:53:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 4:53:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Acetone	2.7	10	J	µg/L	1	4/18/02 4:53:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 4:53:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 4:53:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 4:53:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 4.53.00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 4:53.00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 4.53.00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 4:53.00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 4:53:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 4:53:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 4:53:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 4:53:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 4:53:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS075S
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/18/02 4:53:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 4.53.00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 4.53:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 4:53:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 4.53.00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 4:53:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 4:53:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/18/02 4:53:00 PM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/18/02 4:53:00 PM
Surr: Toluene-d8	96 6	88-109		%REC	1	4/18/02 4:53:00 PM
Surr: 4-Bromofluorobenzene	99.3	77-117		%REC	1	4/18/02 4:53:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS075M
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 5:27:00 PM
Chloromethane	ND	5 0		µg/L	1	4/18/02 5:27:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 5:27:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Acetone	3.1	10	J	µg/L	1	4/18/02 5:27:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 5:27:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 5:27:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,1-Dichloroethane	ND	2 0		µg/L	1	4/18/02 5:27:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 5:27:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Bromochloromethane	ND	2 0		µg/L	1	4/18/02 5:27:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 5:27:00 PM
Trichloroethene	ND	2 0		µg/L	1	4/18/02 5:27:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Bromodichloromethane	ND	2 0		µg/L	1	4/18/02 5:27:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 5:27:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 5:27.00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 5:27:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 5:27:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS075M
Lab Order:	0204087		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204087-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 5:27.00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Bromoform	ND	2 0		µg/L	1	4/18/02 5.27:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 5.27:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
sec-Butylbenzene	ND	2 0		µg/L	1	4/18/02 5.27:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 5:27.00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 5:27:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 5.27:00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 5:27.00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 5:27:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/18/02 5:27:00 PM
Surr: 1,2-Dichloroethane-d4	121	80-124		%REC	1	4/18/02 5:27.00 PM
Surr: Toluene-d8	98.1	88-109		%REC	1	4/18/02 5:27:00 PM
Surr: 4-Bromofluorobenzene	97 0	77-117		%REC	1	4/18/02 5:27:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS075D
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/18/02 12:46:00 PM
Chloromethane	ND	5.0		µg/L	1	4/18/02 12:46:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Chloroethane	ND	5.0		µg/L	1	4/18/02 12:46:00 PM
Bromomethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Acetone	2.8	10	J	µg/L	1	4/18/02 12:46:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/18/02 12:46:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/18/02 12:46:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
2-Butanone	ND	10		µg/L	1	4/18/02 12:46:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Chloroform	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Benzene	ND	1.0		µg/L	1	4/18/02 12:46:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/18/02 12:46:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 12:46:00 PM
Toluene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/18/02 12:46:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
2-Hexanone	ND	10		µg/L	1	4/18/02 12:46:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 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: *23-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS075D
Lab Order:	0204101		
Project:	29600.47.1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204101-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
o-Xylene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Styrene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Bromoform	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/18/02 12:46:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Naphthalene	ND	5.0		µg/L	1	4/18/02 12:46:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/18/02 12:46:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/18/02 12:46:00 PM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/18/02 12:46:00 PM
Surr: Toluene-d8	95.8	88-109		%REC	1	4/18/02 12:46:00 PM
Surr: 4-Bromofluorobenzene	104	77-117		%REC	1	4/18/02 12:46:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS076S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/11/02 2:37:00 PM
Chloromethane	ND	5.0		µg/L	1	4/11/02 2:37:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Chloroethane	ND	5.0		µg/L	1	4/11/02 2:37:00 PM
Bromomethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Acetone	2.8	10	J	µg/L	1	4/11/02 2:37:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/02 2:37:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/11/02 2:37:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
2-Butanone	ND	10		µg/L	1	4/11/02 2:37:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Chloroform	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/11/02 2:37.00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/11/02 2:37.00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Benzene	ND	1.0		µg/L	1	4/11/02 2.37:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/11/02 2.37:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/02 2:37:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/02 2:37:00 PM
Toluene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/02 2:37:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
2-Hexanone	ND	10		µg/L	1	4/11/02 2:37:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/11/02 2:37.00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS076S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-02A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/11/02 2:37.00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
o-Xylene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Styrene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Bromoform	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
n-Propylbenzene	ND	2 0		µg/L	1	4/11/02 2:37:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,2,4-Trimethylbenzene	ND	2 0		µg/L	1	4/11/02 2:37:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/11/02 2:37.00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/11/02 2:37.00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/11/02 2.37:00 PM
Naphthalene	ND	5.0		µg/L	1	4/11/02 2:37:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:37:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/11/02 2:37:00 PM
Surr: 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/11/02 2:37:00 PM
Surr: Toluene-d8	97.2	88-109		%REC	1	4/11/02 2:37:00 PM
Surr: 4-Bromofluorobenzene	97.6	77-117		%REC	1	4/11/02 2:37:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD1
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/11/02 3:11:00 PM
Chloromethane	ND	5.0		µg/L	1	4/11/02 3:11:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Chloroethane	ND	5.0		µg/L	1	4/11/02 3:11:00 PM
Bromomethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Acetone	2.6	10	J	µg/L	1	4/11/02 3:11:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/02 3:11:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/11/02 3:11:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
2-Butanone	ND	10		µg/L	1	4/11/02 3:11:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Chloroform	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Benzene	ND	1.0		µg/L	1	4/11/02 3:11:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,2-Dichloropropane	ND	2 0		µg/L	1	4/11/02 3:11:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/02 3:11:00 PM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/11/02 3:11:00 PM
Toluene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/02 3:11:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
2-Hexanone	ND	10		µg/L	1	4/11/02 3:11:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD1
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-03A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2 0		µg/L	1	4/11/02 3:11:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
o-Xylene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Styrene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Bromoform	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,3-Dichlorobenzene	ND	2 0		µg/L	1	4/11/02 3:11:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 3:11.00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/11/02 3:11:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Hexachlorobutadiene	ND	2 0		µg/L	1	4/11/02 3.11:00 PM
Naphthalene	ND	5 0		µg/L	1	4/11/02 3:11:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/11/02 3:11:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/11/02 3.11:00 PM
Surr: 1,2-Dichloroethane-d4	114	80-124		%REC	1	4/11/02 3:11:00 PM
Surr: Toluene-d8	96.8	88-109		%REC	1	4/11/02 3:11:00 PM
Surr: 4-Bromofluorobenzene	96.5	77-117		%REC	1	4/11/02 3:11:00 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

RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

- See Case Narrative

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS076M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 7:20:00 AM
Chloromethane	ND	5.0		µg/L	1	4/13/02 7:20:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Chloroethane	ND	5.0		µg/L	1	4/13/02 7:20:00 AM
Bromomethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Acetone	2.8	10	J	µg/L	1	4/13/02 7:20:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 7:20:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 7:20:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
2-Butanone	ND	10		µg/L	1	4/13/02 7:20:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 7:20.00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Chloroform	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Benzene	ND	1.0		µg/L	1	4/13/02 7:20:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 7:20:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 7:20:00 AM
Toluene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
trans-1,3-Dichloropropene	ND	1 0		µg/L	1	4/13/02 7:20:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
2-Hexanone	ND	10		µg/L	1	4/13/02 7:20:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS076M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-04A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2 0		µg/L	1	4/13/02 7:20:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
o-Xylene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Styrene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Bromoform	ND	2.0		µg/L	1	4/13/02 7.20:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2,3-Trichloropropane	ND	2 0		µg/L	1	4/13/02 7:20:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 7:20:00 AM
1,2,4-Trichlorobenzene	ND	2 0		µg/L	1	4/13/02 7:20:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Naphthalene	ND	5 0		µg/L	1	4/13/02 7:20:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:20:00 AM
Surr: Dibromofluoromethane	102	85-120		%REC	1	4/13/02 7:20:00 AM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/13/02 7:20:00 AM
Surr: Toluene-d8	97.3	88-109		%REC	1	4/13/02 7:20:00 AM
Surr: 4-Bromofluorobenzene	91.8	77-117		%REC	1	4/13/02 7:20:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS076D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/13/02 7:55:00 AM
Chloromethane	ND	5.0		µg/L	1	4/13/02 7:55:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Chloroethane	ND	5 0		µg/L	1	4/13/02 7:55:00 AM
Bromomethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Acetone	2.5	10	J	µg/L	1	4/13/02 7:55:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 7:55:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 7:55:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
2-Butanone	ND	10		µg/L	1	4/13/02 7:55:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Chloroform	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Benzene	ND	1 0		µg/L	1	4/13/02 7:55:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 7:55:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 7:55:00 AM
Toluene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 7:55:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
2-Hexanone	ND	10		µg/L	1	4/13/02 7:55.00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS076D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
o-Xylene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Styrene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Bromoform	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 7:55:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Naphthalene	ND	5.0		µg/L	1	4/13/02 7:55:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 7:55:00 AM
Surr: Dibromofluoromethane	100	85-120		%REC	1	4/13/02 7:55:00 AM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/13/02 7:55:00 AM
Surr: Toluene-d8	97.5	88-109		%REC	1	4/13/02 7:55:00 AM
Surr: 4-Bromofluorobenzene	98.2	77-117		%REC	1	4/13/02 7:55:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD2
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-09A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 3:12:00 PM
Chloromethane	ND	5.0		µg/L	1	4/13/02 3:12:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Chloroethane	ND	5.0		µg/L	1	4/13/02 3:12:00 PM
Bromomethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 3:12.00 PM
Acetone	3.0	10	J	µg/L	1	4/13/02 3:12:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 3:12:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 3:12:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 3:12.00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
2-Butanone	ND	10		µg/L	1	4/13/02 3:12:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Chloroform	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 3:12.00 PM
1,1,1-Trichloroethane	ND	2 0		µg/L	1	4/13/02 3:12:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Benzene	ND	1.0		µg/L	1	4/13/02 3:12:00 PM
Trichloroethene	ND	2 0		µg/L	1	4/13/02 3:12:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 3:12.00 PM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 3:12:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 3:12:00 PM
Toluene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 3:12:00 PM
1,1,2-Trichloroethane	ND	2 0		µg/L	1	4/13/02 3:12:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
2-Hexanone	ND	10		µg/L	1	4/13/02 3:12:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DSXD2
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-09A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 3.12:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
o-Xylene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Styrene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Bromoform	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 3:12 00 PM
Bromobenzene	ND	2 0		µg/L	1	4/13/02 3:12:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,4-Dichlorobenzene	ND	2 0		µg/L	1	4/13/02 3:12:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:12.00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/13/02 3:12:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Naphthalene	ND	5.0		µg/L	1	4/13/02 3:12:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 3:12:00 PM
Surr: Dibromofluoromethane	102	85-120		%REC	1	4/13/02 3:12:00 PM
Surr: 1,2-Dichloroethane-d4	113	80-124		%REC	1	4/13/02 3:12:00 PM
Surr: Toluene-d8	95.4	88-109		%REC	1	4/13/02 3:12:00 PM
Surr: 4-Bromofluorobenzene	98.7	77-117		%REC	1	4/13/02 3:12:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS080S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-12A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/13/02 4:57:00 PM
Chloromethane	ND	5.0		µg/L	1	4/13/02 4:57:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Chloroethane	ND	5.0		µg/L	1	4/13/02 4:57:00 PM
Bromomethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Acetone	ND	10		µg/L	1	4/13/02 4:57:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/13/02 4:57:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/13/02 4:57:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
2-Butanone	ND	10		µg/L	1	4/13/02 4:57:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Chloroform	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Benzene	ND	1.0		µg/L	1	4/13/02 4:57:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/13/02 4:57:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 4:57:00 PM
Toluene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/13/02 4:57:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
2-Hexanone	ND	10		µg/L	1	4/13/02 4:57:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS080S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-12A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Ethylbenzene	ND	2 0		µg/L	1	4/13/02 4:57:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
o-Xylene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Styrene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Bromoform	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,1,2,2-Tetrachloroethane	ND	2 0		µg/L	1	4/13/02 4:57:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/13/02 4:57:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/13/02 4:57:00 PM
Naphthalene	ND	5.0		µg/L	1	4/13/02 4:57:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/13/02 4.57:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/13/02 4:57:00 PM
Surr: 1,2-Dichloroethane-d4	118	80-124		%REC	1	4/13/02 4:57:00 PM
Surr: Toluene-d8	98.4	88-109		%REC	1	4/13/02 4:57:00 PM
Surr: 4-Bromofluorobenzene	101	77-117		%REC	1	4/13/02 4:57:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS080M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-13A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 4:12:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 4:12:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Chloroethane	ND	5 0		µg/L	1	4/15/02 4:12:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 4:12.00 PM
Acetone	ND	10		µg/L	1	4/15/02 4:12:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 4:12:00 PM
Carbon disulfide	ND	2 0		µg/L	1	4/15/02 4.12:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 4:12:00 PM
Methyl tert-butyl ether	ND	2 0		µg/L	1	4/15/02 4:12.00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 4:12:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Chloroform	ND	2 0		µg/L	1	4/15/02 4:12:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,1-Dichloropropene	ND	2 0		µg/L	1	4/15/02 4:12:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Benzene	ND	1 0		µg/L	1	4/15/02 4:12:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 4:12:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 4:12.00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 4:12:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 4:12.00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 4.12:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS080M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-13A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 4:12:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 4:12:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:12:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/15/02 4:12:00 PM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/15/02 4:12:00 PM
Surr: Toluene-d8	98.0	88-109		%REC	1	4/15/02 4:12:00 PM
Surr: 4-Bromofluorobenzene	99.4	77-117		%REC	1	4/15/02 4:12:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS080D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-15A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 4:47:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 4:47:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 4:47:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Acetone	ND	10		µg/L	1	4/15/02 4:47.00 PM
1,1-Dichloroethene	ND	1 0		µg/L	1	4/15/02 4:47:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 4:47:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 4:47:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 4.47.00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 4.47:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 4.47:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/15/02 4:47:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 4:47:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 4.47:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 4:47:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 4:47.00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 4 47:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 4.47:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 4:47:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS080D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-15A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 4:47.00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 4:47:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 4:47:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 4:47:00 PM
Surr: Dibromofluoromethane	103	85-120		%REC	1	4/15/02 4:47:00 PM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/15/02 4:47:00 PM
Surr: Toluene-d8	98.2	88-109		%REC	1	4/15/02 4:47:00 PM
Surr: 4-Bromofluorobenzene	99.6	77-117		%REC	1	4/15/02 4:47:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS021S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-32A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/16/02 5:51:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 5:51:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 5.51 00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 5:51:00 AM
Bromomethane	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Acetone	ND	10		µg/L	1	4/16/02 5:51:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 5:51:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 5:51:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,1-Dichloroethane	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 5:51:00 AM
2,2-Dichloropropane	ND	2 0		µg/L	1	4/16/02 5 51:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Benzene	ND	1 0		µg/L	1	4/16/02 5.51:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Bromodichloromethane	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 5:51:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 5:51:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 5:51:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 5.51:00 AM
1,2-Dibromoethane	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 5:51:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 5.51:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS021S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-32A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,2,3-Trichloropropane	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 5:51.00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 5:51.00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
tert-Butylbenzene	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/16/02 5:51:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 5:51:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 5:51:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 5:51:00 AM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/16/02 5:51:00 AM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/16/02 5:51:00 AM
Surr: Toluene-d8	95.6	88-109		%REC	1	4/16/02 5:51:00 AM
Surr: 4-Bromofluorobenzene	94 5	77-117		%REC	1	4/16/02 5:51:00 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: *18-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-DS021D
Lab Order: 0204060
Project: 29600.47 BNAS Brunswick LTMP
Collection Date: 4/4/02
Lab ID: 0204060-33A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/16/02 6:25:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 6:25:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 6:25:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Acetone	ND	10		µg/L	1	4/16/02 6:25:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 6:25:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 6:25:00 AM
Methyl tert-butyl ether	ND	2 0		µg/L	1	4/16/02 6:25:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 6:25:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,1,1-Trichloroethane	ND	2 0		µg/L	1	4/16/02 6:25:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 6:25:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 6:25:00 AM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/16/02 6:25:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 6:25:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 6:25:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS021D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-33A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 6:25.00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 6:25:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 6:25:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:25:00 AM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/16/02 6:25:00 AM
Surr: 1,2-Dichloroethane-d4	114	80-124		%REC	1	4/16/02 6:25:00 AM
Surr: Toluene-d8	96.2	88-109		%REC	1	4/16/02 6:25:00 AM
Surr: 4-Bromofluorobenzene	97.9	77-117		%REC	1	4/16/02 6:25:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS022S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-34A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/16/02 6:59:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 6:59:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 6:59:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Trichlorofluoromethane	ND	2 0		µg/L	1	4/16/02 6:59:00 AM
Acetone	ND	10		µg/L	1	4/16/02 6:59:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 6:59:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Methylene chloride	ND	5.0		µg/L	1	4/16/02 6:59:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/16/02 6.59:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 6:59:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
cis-1,2-Dichloroethene	ND	2 0		µg/L	1	4/16/02 6:59:00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 6:59.00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 6:59:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Dibromomethane	ND	2 0		µg/L	1	4/16/02 6:59.00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 6:59:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 6:59:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 6:59:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 6:59:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 6.59:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 6:59.00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS022S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-34A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 6:59:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 6:59:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 6:59:00 AM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/16/02 6:59:00 AM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/16/02 6:59:00 AM
Surr: Toluene-d8	97.7	88-109		%REC	1	4/16/02 6:59:00 AM
Surr: 4-Bromofluorobenzene	98.8	77-117		%REC	1	4/16/02 6:59:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS022M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-35A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5 0		µg/L	1	4/16/02 7:34:00 AM
Chloromethane	ND	5.0		µg/L	1	4/16/02 7:34:00 AM
Vinyl chloride	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Chloroethane	ND	5.0		µg/L	1	4/16/02 7:34:00 AM
Bromomethane	ND	2.0		µg/L	1	4/16/02 7:34.00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Acetone	ND	10		µg/L	1	4/16/02 7:34:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/16/02 7:34:00 AM
Carbon disulfide	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Methylene chloride	ND	5 0		µg/L	1	4/16/02 7:34:00 AM
Methyl tert-butyl ether	ND	2 0		µg/L	1	4/16/02 7:34:00 AM
trans-1,2-Dichloroethene	ND	2 0		µg/L	1	4/16/02 7:34:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
2-Butanone	ND	10		µg/L	1	4/16/02 7:34:00 AM
2,2-Dichloropropane	ND	2 0		µg/L	1	4/16/02 7:34:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/16/02 7:34.00 AM
Chloroform	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Bromochloromethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Benzene	ND	1.0		µg/L	1	4/16/02 7:34:00 AM
Trichloroethene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Dibromomethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/16/02 7:34:00 AM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/16/02 7:34:00 AM
Toluene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/16/02 7.34:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
2-Hexanone	ND	10		µg/L	1	4/16/02 7:34:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Chlorobenzene	ND	2.0		µg/L	1	4/16/02 7.34:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS022M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-35A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Ethylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
m,p-Xylene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
o-Xylene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Styrene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Bromoform	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Bromobenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/16/02 7:34.00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Naphthalene	ND	5.0		µg/L	1	4/16/02 7:34:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/16/02 7:34:00 AM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/16/02 7:34:00 AM
Surr: 1,2-Dichloroethane-d4	116	80-124		%REC	1	4/16/02 7:34:00 AM
Surr: Toluene-d8	96.0	88-109		%REC	1	4/16/02 7:34:00 AM
Surr: 4-Bromofluorobenzene	93.1	77-117		%REC	1	4/16/02 7:34:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS022D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-17A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 5:55:00 PM
Chloromethane	ND	5 0		µg/L	1	4/15/02 5:55:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 5:55:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Trichlorofluoromethane	ND	2 0		µg/L	1	4/15/02 5:55:00 PM
Acetone	2.8	10	J	µg/L	1	4/15/02 5:55:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 5:55:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 5:55:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 5:55:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 5:55.00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Bromochloromethane	ND	2 0		µg/L	1	4/15/02 5:55:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/15/02 5:55:00 PM
Benzene	ND	1 0		µg/L	1	4/15/02 5:55.00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 5:55.00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Dibromomethane	ND	2 0		µg/L	1	4/15/02 5:55:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 5:55:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 5:55:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 5:55.00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 5:55.00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 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
RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
- See Case Narrative

AMRO Environmental Laboratories Corp.

Date: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS022D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-17A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 5:55.00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 5.55:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
4-Chlorotoluene	ND	2 0		µg/L	1	4/15/02 5:55:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:55.00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/15/02 5:55:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 5:55:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 5:55:00 PM
Surr: Dibromofluoromethane	104	85-120		%REC	1	4/15/02 5:55:00 PM
Surr: 1,2-Dichloroethane-d4	114	80-124		%REC	1	4/15/02 5:55:00 PM
Surr: Toluene-d8	96.8	88-109		%REC	1	4/15/02 5:55:00 PM
Surr: 4-Bromofluorobenzene	98.3	77-117		%REC	1	4/15/02 5:55:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS227S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-18A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 6:30:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 6:30:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 6:30.00 PM
Chloroethane	ND	5 0		µg/L	1	4/15/02 6:30:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Acetone	ND	10		µg/L	1	4/15/02 6:30:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 6:30:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 6:30:00 PM
Methyl tert-butyl ether	0.71	2.0	J	µg/L	1	4/15/02 6:30:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 6:30:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 6.30:00 PM
cis-1,2-Dichloroethene	2.0	2.0		µg/L	1	4/15/02 6:30:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 6:30.00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Carbon tetrachloride	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
1,2-Dichloroethane	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 6:30:00 PM
Trichloroethene	2.6	2.0		µg/L	1	4/15/02 6:30:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 6:30:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 6:30:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 6:30:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 6.30:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS227S
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-18A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Bromoform	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
n-Propylbenzene	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
4-Chlorotoluene	ND	2 0		µg/L	1	4/15/02 6:30.00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
1,2-Dichlorobenzene	ND	2 0		µg/L	1	4/15/02 6:30:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 6:30:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Naphthalene	ND	5 0		µg/L	1	4/15/02 6:30:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 6:30:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/15/02 6:30:00 PM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/15/02 6:30:00 PM
Surr: Toluene-d8	97.2	88-109		%REC	1	4/15/02 6:30:00 PM
Surr: 4-Bromofluorobenzene	96.5	77-117		%REC	1	4/15/02 6:30:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS227M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/11/02 2:02:00 PM
Chloromethane	ND	5.0		µg/L	1	4/11/02 2:02:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Chloroethane	ND	5.0		µg/L	1	4/11/02 2:02:00 PM
Bromomethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Acetone	ND	10		µg/L	1	4/11/02 2:02:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/11/02 2:02:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/11/02 2:02:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
2-Butanone	ND	10		µg/L	1	4/11/02 2:02:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
cis-1,2-Dichloroethene	2.2	2.0		µg/L	1	4/11/02 2:02:00 PM
Chloroform	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Benzene	ND	1.0		µg/L	1	4/11/02 2:02:00 PM
Trichloroethene	2.9	2.0		µg/L	1	4/11/02 2:02:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/11/02 2:02:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/02 2:02:00 PM
Toluene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/11/02 2:02:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
2-Hexanone	ND	10		µg/L	1	4/11/02 2:02:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Tetrachloroethene	0.63	2.0	J	µg/L	1	4/11/02 2:02:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS227M
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-01A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
o-Xylene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Styrene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Bromoform	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Bromobenzene	ND	2 0		µg/L	1	4/11/02 2:02:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,4-Dichlorobenzene	ND	2 0		µg/L	1	4/11/02 2:02:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/11/02 2:02.00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
1,2-Dibromo-3-chloropropane	ND	5 0		µg/L	1	4/11/02 2:02:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/11/02 2.02:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Naphthalene	ND	5.0		µg/L	1	4/11/02 2:02:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/11/02 2:02:00 PM
Surr: Dibromofluoromethane	103	85-120		%REC	1	4/11/02 2:02:00 PM
Surr: 1,2-Dichloroethane-d4	115	80-124		%REC	1	4/11/02 2:02:00 PM
Surr: Toluene-d8	94.8	88-109		%REC	1	4/11/02 2:02:00 PM
Surr: 4-Bromofluorobenzene	94.4	77-117		%REC	1	4/11/02 2:02:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS227D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-19A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 7:04:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 7:04:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 7:04:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Acetone	ND	10		µg/L	1	4/15/02 7:04:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 7:04:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 7:04:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 7:04:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
cis-1,2-Dichloroethene	2.0	2.0	J	µg/L	1	4/15/02 7:04:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 7:04:00 PM
Trichloroethene	3.1	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 7:04:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 7:04:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 7:04:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 7:04:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Tetrachloroethene	0.77	2.0	J	µg/L	1	4/15/02 7:04:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-DS227D
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/4/02
Lab ID:	0204060-19A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 7:04:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 7:04:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 7:04:00 PM
Surr: Dibromofluoromethane	108	85-120		%REC	1	4/15/02 7:04:00 PM
Surr: 1,2-Dichloroethane-d4	117	80-124		%REC	1	4/15/02 7:04:00 PM
Surr: Toluene-d8	96.8	88-109		%REC	1	4/15/02 7:04:00 PM
Surr: 4-Bromofluorobenzene	96.8	77-117		%REC	1	4/15/02 7:04:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT3
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-14A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Chloromethane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Chloroethane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Bromomethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Trichlorofluoromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Acetone	ND	10		µg/L	1	4/15/02 3:38:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Methylene chloride	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1-Dichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
2-Butanone	ND	10		µg/L	1	4/15/02 3:38:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Chloroform	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Benzene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/15/02 3:38:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
Toluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	4/15/02 3:38:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
2-Hexanone	ND	10		µg/L	1	4/15/02 3:38:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Dibromochloromethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 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: *18-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT3
Lab Order:	0204060		
Project:	29600.47 BNAS Brunswick LTMP	**Collection Date:**	4/3/02
Lab ID:	0204060-14A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
o-Xylene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Styrene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromoform	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
4-Isopropyltoluene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Naphthalene	ND	5.0		µg/L	1	4/15/02 3:38:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/15/02 3:38:00 PM
Surr: Dibromofluoromethane	106	85-120		%REC	1	4/15/02 3:38:00 PM
Surr: 1,2-Dichloroethane-d4	119	80-124		%REC	1	4/15/02 3:38:00 PM
Surr: Toluene-d8	99.2	88-109		%REC	1	4/15/02 3:38:00 PM
Surr: 4-Bromofluorobenzene	102	77-117		%REC	1	4/15/02 3:38:00 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: *24-Apr-02*

CLIENT:	EA Engineering, Science and Technology	**Client Sample ID:**	BN-20-S9-QT4
Lab Order:	0204088		
Project:	29600.47 1530 BNAS-LTMP	**Collection Date:**	4/8/02
Lab ID:	0204088-05A	**Matrix:**	AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES BY GC/MS		**SW8260B**				Analyst: **JSL**
Dichlorodifluoromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Chloromethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Vinyl chloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroethane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
Bromomethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Trichlorofluoromethane	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
Acetone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethene	ND	1 0		µg/L	1	4/17/02 9:01:00 PM
Carbon disulfide	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Methylene chloride	2.9	5.0	J	µg/L	1	4/17/02 9:01:00 PM
Methyl tert-butyl ether	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloroethane	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
2-Butanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Chloroform	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromochloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,1-Dichloropropene	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
Carbon tetrachloride	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Benzene	ND	1.0		µg/L	1	4/17/02 9:01:00 PM
Trichloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromodichloromethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromomethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	4/17/02 9:01.00 PM
cis-1,3-Dichloropropene	ND	1 0		µg/L	1	4/17/02 9:01:00 PM
Toluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
trans-1,3-Dichloropropene	ND	1 0		µg/L	1	4/17/02 9:01:00 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromoethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Hexanone	ND	10		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Tetrachloroethene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Dibromochloromethane	ND	2 0		µg/L	1	4/17/02 9:01.00 PM
Chlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 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: *24-Apr-02*

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BN-20-S9-QT4
Lab Order: 0204088
Project: 29600.47 1530 BNAS-LTMP
Collection Date: 4/8/02
Lab ID: 0204088-05A
Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Ethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
m,p-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
o-Xylene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Styrene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
Bromoform	ND	2.0		µg/L	1	4/17/02 9.01:00 PM
Isopropylbenzene	ND	2.0		µg/L	1	4/17/02 9:01.00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Bromobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
n-Propylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
2-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Chlorotoluene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
tert-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
sec-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
4-Isopropyltoluene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,4-Dichlorobenzene	ND	2 0		µg/L	1	4/17/02 9:01:00 PM
n-Butylbenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Hexachlorobutadiene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Naphthalene	ND	5.0		µg/L	1	4/17/02 9:01:00 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	4/17/02 9:01:00 PM
Surr: Dibromofluoromethane	105	85-120		%REC	1	4/17/02 9:01:00 PM
Surr: 1,2-Dichloroethane-d4	120	80-124		%REC	1	4/17/02 9:01:00 PM
Surr: Toluene-d8	100	88-109		%REC	1	4/17/02 9:01:00 PM
Surr: 4-Bromofluorobenzene	93.8	77-117		%REC	1	4/17/02 9:01:00 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.

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

nt: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number:	WS0927-3
SDG:	DS305S
Report Date:	4/26/02
PO No. :	26900.47
Project:	NASB LTMP
% Solids:	N/A
Method:	EPA 8260
Date Analyzed:	4/24/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-20-EP-QS5	AQ	4/17/02	4/18/02	4/24/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	JB0.6	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
[illegible]CHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.8	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	J0.8	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	2	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	2	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0927-3
SDG: DS305S
Report Date: 4/26/02
PO No. : 26900.47
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/24/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-20-EP-QS5	AQ	4/17/02	4/18/02	4/24/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1 0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	108	%	1.0		
TOLUENE-D8	102	%	1.0		
P-BROMOFLUOROBENZENE	80	%	1.0		
1,2-DICHLOROETHANE-D4	92	%	1.0		

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
CHLOROMETHANE	<2.0	ug/L	1.0	2.0	2.0
BROMOMETHANE	<2.0	ug/L	1.0	2.0	2.0
VINYL CHLORIDE	<2.0	ug/L	1.0	2.0	2.0
CHLOROETHANE	<2.0	ug/L	1.0	2.0	2.0
METHYLENE CHLORIDE	B1	ug/L	1.0	1.0	1.0
ACETONE	<5	ug/L	1.0	5	5
CARBON DISULFIDE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOTAL 1,2-DICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
CHLOROFORM	J0.7	ug/L	1.0	1.0	1.0
1,2-DICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
2-BUTANONE	<5	ug/L	1.0	5	5
1,1,1-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
CARBON TETRACHLORIDE	<1	ug/L	1.0	1.0	1.0
BROMODICHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,2-DICHLOROPROPANE	<1	ug/L	1.0	1.0	1.0
CIS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
TRICHLOROETHENE	<1	ug/L	1.0	1.0	1.0
DIBROMOCHLOROMETHANE	<1	ug/L	1.0	1.0	1.0
1,1,2-TRICHLOROETHANE	<1	ug/L	1.0	1.0	1.0
BENZENE	<1	ug/L	1.0	1.0	1.0
TRANS-1,3-DICHLOROPROPENE	<1	ug/L	1.0	1.0	1.0
BROMOFORM	<1	ug/L	1.0	1.0	1.0
4-METHYL-2-PENTANONE	<3	ug/L	1.0	3	3
2-HEXANONE	<4	ug/L	1.0	4	4
TETRACHLOROETHENE	<1	ug/L	1.0	1.0	1.0
1,1,2,2-TETRACHLOROETHANE	<1	ug/L	1.0	1.0	1.0
TOLUENE	<1	ug/L	1.0	1.0	1.0
CHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
ETHYLBENZENE	<1	ug/L	1.0	1.0	1.0
STYRENE	<1	ug/L	1.0	1.0	1.0
TOTAL XYLENES	<1	ug/L	1.0	1.0	1.0

Report Notes: B, J

KATAHDIN ANALYTICAL SERVICES
REPORT OF ANALYTICAL RESULTS

Client: SHERRI PULLAR
EA Engineering
3 Washington Center

Newburgh, NY 12550

Proj. ID:

Lab Number: WS0804-8
SDG: WS0804
Report Date: 4/22/02
PO No. : 29600.47.1530
Project: NASB LTMP
% Solids: N/A
Method: EPA 8260
Date Analyzed: 4/11/02

Sample Description	Matrix	Sampled Date	Rec'd Date	Ext. Date	Ext'd By	Ext. Method	Analyst
BN-5-S2-QD1	AQ	4/9/02	4/9/02	4/11/02	BEG	5030	BEG

Compound	Result	Units	DF	Sample PQL	Method PQL
1,2-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,3-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
1,4-DICHLOROBENZENE	<1	ug/L	1.0	1.0	1.0
DIBROMOFLUOROMETHANE	91	%	1.0		
TOLUENE-D8	92	%	1.0		
P-BROMOFLUOROBENZENE	98	%	1.0		
1,2-DICHLOROETHANE-D4	95	%	1.0		

Report Notes: B, J

INORGANIC ANALYSIS DATA SHEET

Lab Name: Katahdin Analytical Services
Client Field ID: BN-5-S2-QD1
Matrix: WATER
SDG Name: WS0804
Percent Solids: 0.00
Lab Sample ID: WS0804-008

Concentration Units (ug/L or mg/Kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M	DF
7429-90-5	ALUMINUM	52.4	B		P	1
7440-36-0	ANTIMONY	2.62	U		P	1
7440-38-2	ARSENIC	2.15	U		P	1
7440-39-3	BARIUM	0.24	U		P	1
7440-41-7	BERYLLIUM	0.28	U		P	1
7440-43-9	CADMIUM	0.35	U		P	1
7440-70-2	CALCIUM	5.49	U		P	1
7440-47-3	CHROMIUM	1.2	B		P	1
7440-48-4	COBALT	0.68	U		P	1
7440-50-8	COPPER	0.85	U		P	1
7439-89-6	IRON	13.75	U		P	1
7439-92-1	LEAD	1.37	U		P	1
7439-95-4	MAGNESIUM	5.58	U		P	1
7439-96-5	MANGANESE	0.20	B		P	1
7439-97-6	MERCURY	0.03	U		CV	1
7440-02-0	NICKEL	0.93	U		P	1
7440-09-7	POTASSIUM	388.09	U		P	1
7782-49-2	SELENIUM	3.42	U		P	1
7440-22-4	SILVER	0.94	U		P	1
7440-23-5	SODIUM	25.2	B		P	1
7440-28-0	THALLIUM	0.10	U		MS	5
7440-62-2	VANADIUM	0.58	U		P	1
7440-66-6	ZINC	1.26	U		P	1

Color Before: N/A
Clarity Before: N/A
Color After: N/A
Clarity After: N/A
Comments:

FORM I - IN