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2007 INTERIM MEASURES PROGRESS REPORT
SWMU 39

NAVAL SUPPORT ACTIVITY MID-SOUTH
MILLINGTON, TENNESSEE

Revision: 1

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LIST OF ACRONYMS

1,2-DCE	1,2-dichloroethylene
bls	below land surface
CO_2	carbon dioxide
DO	dissolved oxygen
ICs	institutional controls
ID	inside diameter
IMs	interim measures
kg	kilogram
mg/L	milligram per liter
mV	millivolt
MNA	monitored natural attenuation
NSA	Naval Support Activity
O&M	operation and maintenance
ORP	oxidation-reduction potential
PCE	tetrachloroethylene
PVC	polyvinyl chloride
TCE	trichloroethylene
TDEC	Tennessee Department of Environment and Conservation
USEPA	United States Environmental Protection Agency
VC	vinyl chloride
VOC	volatile organic compound
µg/L	microgram per liter

EXECUTIVE SUMMARY

This report is intended to describe and evaluate the progress of interim measures (IMs) for Solid Waste Management Unit (SWMU) 39, which consists of parts of the fluvial deposits aquifer that are contaminated with chlorinated solvents beneath Naval Support Activity Mid-South. These IMs consist of enhanced bioremediation that is designed to mitigate hazards and threats to human health and the environment from the most contaminated locations within SWMU 39, while monitored natural attenuation (MNA) is being implemented as the long-term remedy. As part of IMs, substrate injection wells were installed at selected locations within the plume for purposes of introducing a carbon substrate into the aquifer to stimulate the reductive dechlorination of chlorinated solvents. Additionally, groundwater monitoring wells were also installed to provide sufficient data to better evaluate remediation effectiveness. Monthly substrate injections began on February 2, 2005.

Results from quarterly effectiveness monitoring through January 2007 indicate the introduction of sodium acetate and ammonium phosphate appears to have begun to trigger the reductive dechlorination of TCE and other VOCs in some locations within SWMU 39. Based on the results thus far during the IMs sampling, substrate injections (both quantity and frequency) are recommended to continue on a monthly basis in all injection wells except 039G18LF and 039G19LF. The discontinuation of injections in these wells is based on the absence of TCE contamination in the immediate or downgradient areas of these injection wells. Future results will continue to be evaluated to determine if any additional modifications to the current injection strategy (substrate quantity, injection frequency, and/or injection locations) are warranted.

There may be sufficient data in the future to reduce the sampling frequency to semi-annually. However, at this time, groundwater samples should continue to be collected on a quarterly basis and analyzed for both VOC and geochemical parameters. Although quarterly sampling events should continue to gauge remediation effectiveness, it is recommended that sampling be discontinued at monitoring wells 039G05LF, 039G11LF, 039G14LF, and 039G15LF since these wells have had no VOC detections since before IMs began (non-detect values for the last eight quarterly monitoring events). Finally, it is recommended that reporting frequency be reduced from semi-annually to annually.

1.0 INTRODUCTION

This is the third interim measures (IMs) progress report for Solid Waste Management Unit (SWMU) 39 since the remedy was implemented in February 2005 to address trichloroethylene (TCE)-contaminated groundwater in the fluvial deposits aquifer. These IMs consist of enhanced bioremediation that is designed to mitigate hazards and threats to human health and the environment from the most contaminated locations within SWMU 39, while monitored natural attenuation (MNA) is being implemented as the long-term remedy. The design, construction, and operation and maintenance (O&M) requirements for an enhanced bioremediation system at SWMU 39 are presented in the *Interim Measures Work Plan — SWMU 39* (EnSafe, October 2004)[1].

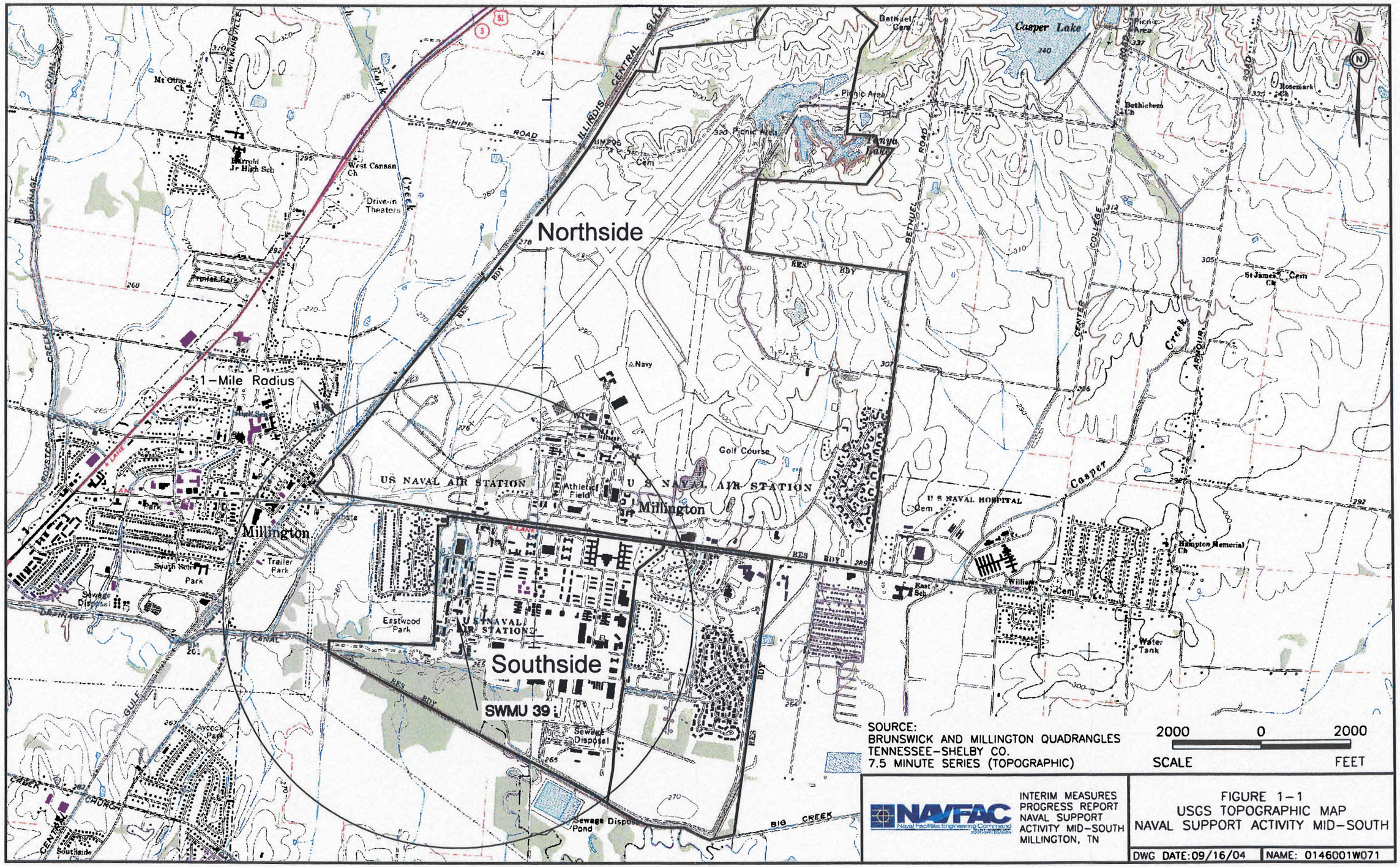
This progress report is intended to provide an update on the remedial and monitoring activities for the period between October 2006 and January 2007. Figure 1-1 (shown at the end of Section 1.0), a topographic map of the facility and the surrounding area, shows the NSA Mid-South Northside and Southside base boundaries that were in place before property transfer in January 2000, as well as the location of SWMU 39.

Two types of wells were installed as part of the IMs. The first type was a series of six substrate injection wells. The second type was a set of three new monitoring wells (039G14LF, 039G15LF, and 039G22LF) intended to supplement the existing network of monitoring wells to provide sufficient data collection points to evaluate remediation effectiveness. Well locations are shown in Figure 1-2. The rationale for the placement of these wells is provided in the former IM Progress Report (EnSafe, March 2007).

The substrate injection wells are being used to periodically inject designed quantities of nutrients (carbon and a nitrogen-based compound) to stimulate reductive dechlorination. The IMs monthly substrate injection began on February 2, 2005. Eleven effectiveness monitoring wells have been sampled quarterly for field and laboratory chemical and geochemical analysis since January 2005. This progress report presents a comprehensive summary of data collected since IMs began and provides interpretations of the data from the two most recent monitoring events, October 2006 and January 2007.

[1] The Interim Measures Work Plan for SWMU 39 was approved by the United States Environmental Protection Agency (USEPA) and Tennessee Department of Environment and Conservation (TDEC) in letters dated November 23, 2004, and December 1, 2004, respectively.

A summary of field activities is presented in Section 2 that details injection frequencies, volumes, and monitoring. Since start-up, field monitoring data and laboratory analytical data have been collected on a quarterly basis. Analytical data from the October 2006 and January 2007 sampling events are included in this progress report and are presented and analyzed in Section 3 with historical data and an evaluation of the remedy effectiveness.


Northside
Southside
SWMU 39
1-Mile Radius
Casper Lake
Tanyard Lake
Bethuel Cem
Picnic Area
Golf Course
US NAVAL AIR STATION
U S NAVAL AIR STATION
U S NAVAL HOSPITAL
Millington
Athletic Field
Navy
Trailer Park
Eastwood Park
Sewage Disposal
Sewage Disposal Pond
West Canaan Ch
Drive-in Theaters
Mt Olive Ch
Harrold Jr High Sch
Bethlehem Ch
Rosemark
St James Cem
Hampton Memorial Ch
Water Tank
SHIPE ROAD
BETHUEL ROAD
COLLEGE ROAD
CENTER HILL ROAD
WILKINSVILLE
ILLINOIS CENTRAL GULF
RES BDY
Casper Creek
Fork Creek
Big Creek
Southside
SOURCE:
BRUNSWICK AND MILLINGTON QUADRANGLES
TENNESSEE-SHELBY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
2000 0 2000
SCALE FEET
NAVFAC
Naval Facilities Engineering Command
INTERIM MEASURES
PROGRESS REPORT
NAVAL SUPPORT
ACTIVITY MID-SOUTH
MILLINGTON, TN
FIGURE 1-1
USGS TOPOGRAPHIC MAP
NAVAL SUPPORT ACTIVITY MID-SOUTH
DWG DATE:09/16/04
NAME: 0146001W071

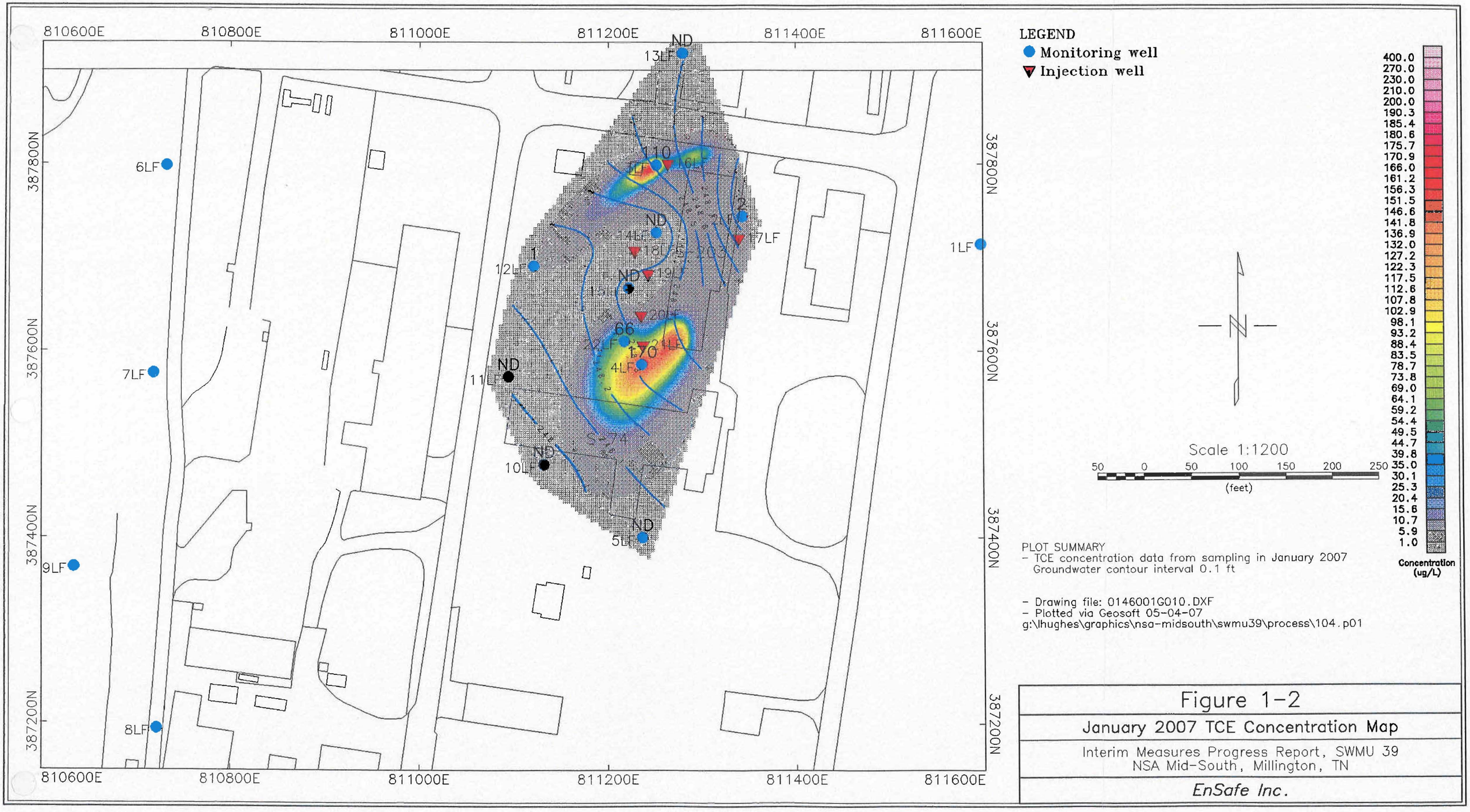


Figure 1-2

January 2007 TCE Concentration Map

Interim Measures Progress Report, SWMU 39
NSA Mid-South, Millington, TN

EnSafe Inc.

2.0 SUMMARY OF FIELD ACTIVITIES

2.1 Substrate Injection

A substrate injection of sodium acetate is being injected to create the reducing conditions necessary for TCE biodegradation. In addition, designed quantities of ammonium phosphate also are injected as a micronutrient for microorganisms. These biostimulants are mixed in powder form and added to the injection wells in a liquid stream. All injections are performed using a mechanical feed system as described in the *Interim Measures Work Plan — SWMU 39* (EnSafe, October 2004). However, the diaphragm pump included in the original design has been bypassed to allow for gravity flow injections. This modification was made because the fluvial deposits aquifer has sufficient hydraulic conductivity to accept the designed quantities of substrate without using the more expensive and time-consuming pumping method.

From February 2005 to February 2007, 19 monthly injections have been completed[2]. Each monthly injection event consists of adding 100 gallons of dissolved-sodium acetate and ammonium phosphate solution to each injection well. The solution contains 50 pounds of sodium acetate dissolved in 100 gallons of potable water. One part by weight of ammonium phosphate is added for every 100 parts by weight of sodium acetate. Mixing and injection are performed in all wells in a single day. As of February 2007, a total of 950 pounds of sodium acetate has been injected into each SWMU 39 injection well. Changes to the quantities of substrate injected will be made if needed based on the progress of remediation and groundwater chemical and geochemical data.

2.2 Quarterly Groundwater Sampling

Groundwater samples were collected in October 2006 and January 2007 and have been compared with historical data to monitor remediation effectiveness. Samples are analyzed for parameters/analytes presented in Table 2-1.

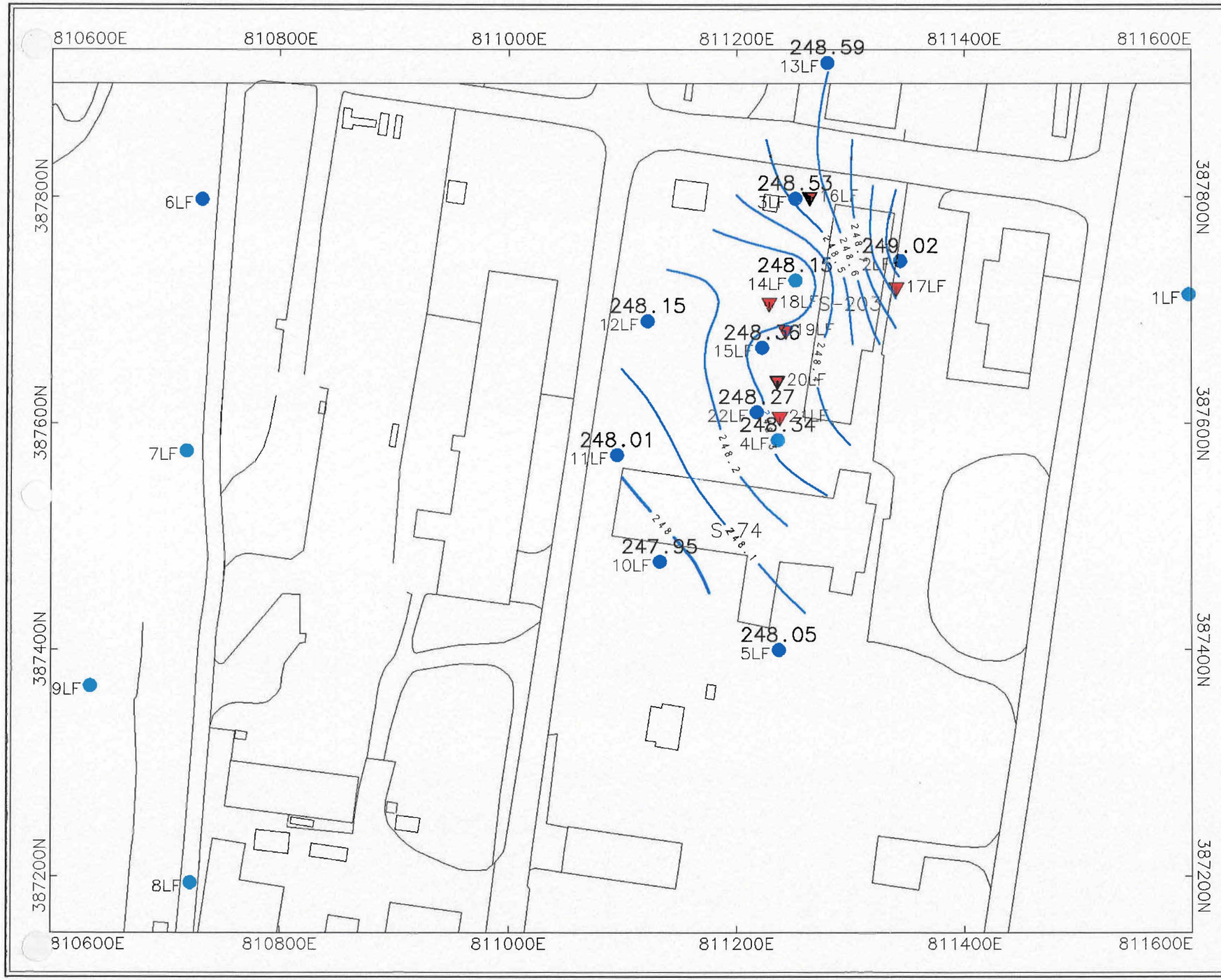
Water levels are measured in monitoring wells within SWMU 39 to assess the hydraulic effects of injection into the groundwater and to determine the groundwater flow direction. Groundwater elevations from the January 2007 event were used to generate a computer-contoured potentiometric map of the fluvial deposits. The January 2007 potentiometric map (presented as Figure 2-1) indicates that groundwater generally flows southwest, which is consistent with pre-injection flow direction.

[2] Injections were not performed from January to June 2006 because of a change in the prime contractor and a late funding award. Monthly injections resumed in July 2006 and are ongoing.

Table 2-1
Enhanced In Situ Bioremediation Quarterly Sampling Parameters/Analytes

Parameter/Analyte	Method
Laboratory	
VOCs	SW8260B
Hydrogen	AM20GAX
Methane, ethane, and ethene	8015MOD
Nitrate	353.3
TOC	SW9060
Field	
Ferrous iron	portable colorimeter
Sulfate and sulfide	portable colorimeter
DO	YSI 55 DO meter calibrated prior to use per manufacturer's instructions
ORP	Orion 250A ORP meter or equivalent calibrated prior to use per manufacturer's instructions
pH	pH meter
Temperature	temperature probe
Alkalinity	portable colorimeter
Chloride	portable colorimeter
Phosphorus and ammonia-nitrogen	portable colorimeter

Notes:
VOCs — volatile organic compounds
DO — dissolved oxygen
TOC — total organic carbon
ORP — oxidation-reduction potential



LEGEND

- Monitoring well
- Injection well

Scale 1:1200

50 0 50 100 150 200 250

(feet)

PLOT SUMMARY
- Potentiometric data from water levels obtained January 2007
  Contour interval 0.1 ft

- Drawing file: 0146001G010.DXF
- Plotted via Geosoft 04-12-07
g:\lhughes\graphics\nsa-midsouth\swmu39\process\103.p01

Figure 2-1

January 2007 Potentiometric Map

Interim Measures Progress Report, SWMU 39
NSA Mid-South, Millington, TN

EnSafe Inc.

3.0 RESULTS AND ANALYSIS

Eleven monitoring wells within SWMU 39 were sampled during the past two sampling events (October 2006 and January 2007). Figure 3-1 illustrates spatial contaminant variations throughout the treatment area at the baseline (January 2005) and last sampling event (January 2007). Trend graphs have also been prepared for the three key monitoring well locations that have consistently observed TCE contamination, namely 039G03LF, 039G04LF, and 039G22LF. These trend graphs have been generated for both volatile organic compound (VOC) and select geochemical data and are presented in Figures 3-2 through 3-4. Only the VOCs of prime concern — tetrachloroethylene (PCE), TCE, cis-1,2-dichloroethylene (DCE), and vinyl chloride (VC) — identified in samples collected from the select monitoring wells within the treatment area are included in these graphs. Complete laboratory analytical results for this IMs monitoring period (October 2006 and January 2007) are presented in Appendix A. Summary tables of analytical and geochemical results since IMs began are presented in Appendix B.

Geochemical Evaluation

DO concentrations have generally decreased in the October 2006 and January 2007 data sets relative to the last IMs reporting period (August 2006). Other geochemical results indicate significant concentrations of ferrous iron in the aquifer in the area of 039G04LF and 039G22LF, which suggest that direct oxidation of any VC production is probable. This is likely the reason that no VC production has been despite the TCE degradation observed in 039G04LF and 039G22LF. In addition, methane concentrations have greatly increased in monitoring well 039G22LF (32,000 μg/L in January 2007) and slightly increased in monitoring well 039G03LF, indicating the onset of methanogenic conditions. Methanogenesis generally occurs after microorganisms have depleted or reduced the available oxygen, nitrate, and sulfate. The presence of methane in the aquifer further indicates strongly reducing conditions.

VOC Trends

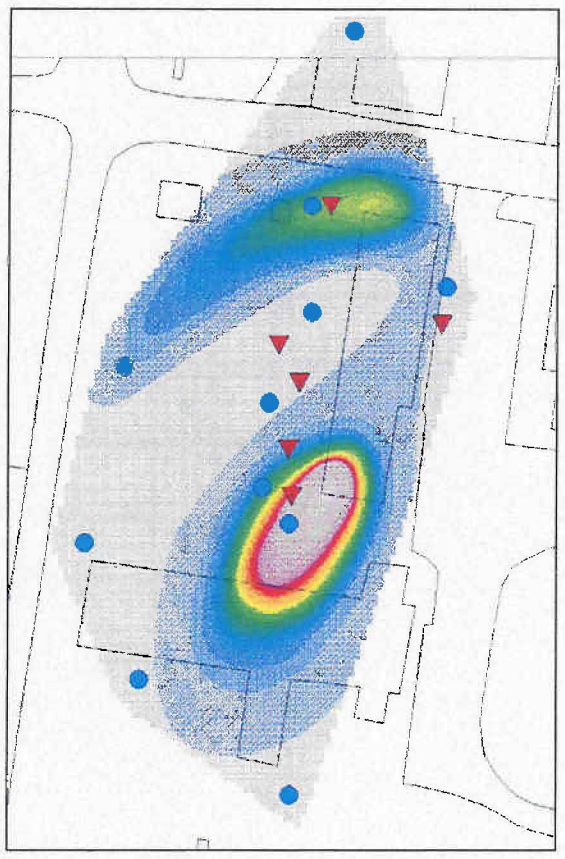
Monitoring well 039G04LF (Figure 3-3), the location of the historically highest TCE concentration, has shown a considerable reduction in TCE concentrations since IMs began. TCE concentrations have declined from 320 micrograms per liter (μg/L) in January 2005 to 170 μg/L in February 2007. However, TCE concentrations have generally remained stable in all quarterly sampling events since the first initial decrease was observed in April 2005. Although the daughter product cis-1,2-DCE is present and has slightly increased since IMs began, no VC has been identified in samples from this well.

Monitoring well 039G22LF, located on the edge of the plume and side gradient to monitoring well 039G04LF, showed a significant TCE decline from 81 μg/L in January 2005 to 23 μg/L in August 2006 (see Figure 3-4). However, TCE concentrations increased to 66 μg/L during the most recent sampling event in February 2007.

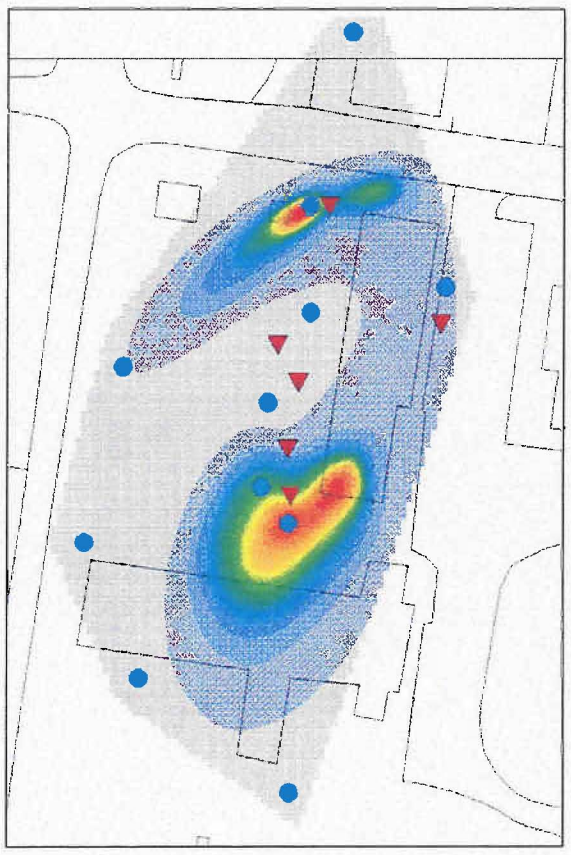
Monitoring well 039G03LF (see Figure 3-2) is the location of the historically second-highest TCE concentration in the smaller TCE plume at the north edge of the site. In general, chlorinated solvent concentrations have remained constant since injections began.

All other monitoring wells, some of which are located outside of the treatment area, have either no or relatively small detections of chlorinated solvents. These monitoring wells include 039G02LF, 039G05LF, 039G10LF, 039G11LF, 039G12LF, 039G13LF, 039G14LF, and 039G15LF (see Appendix B, Table B-1). In general, these wells are either upgradient, downgradient, or side gradient, of the treatment area and, therefore, have only shown low, if any, TCE contamination. Monitoring wells 039G14LF and 039G15LF were installed within the center of the estimated plume area to determine the extent of the contamination and monitor the effectiveness of the IMs throughout the center of the plume. However, results since baseline have shown that there is no TCE contamination within this area and that the site contains two distinct separate plumes as depicted in Figure 1-2.

TCE



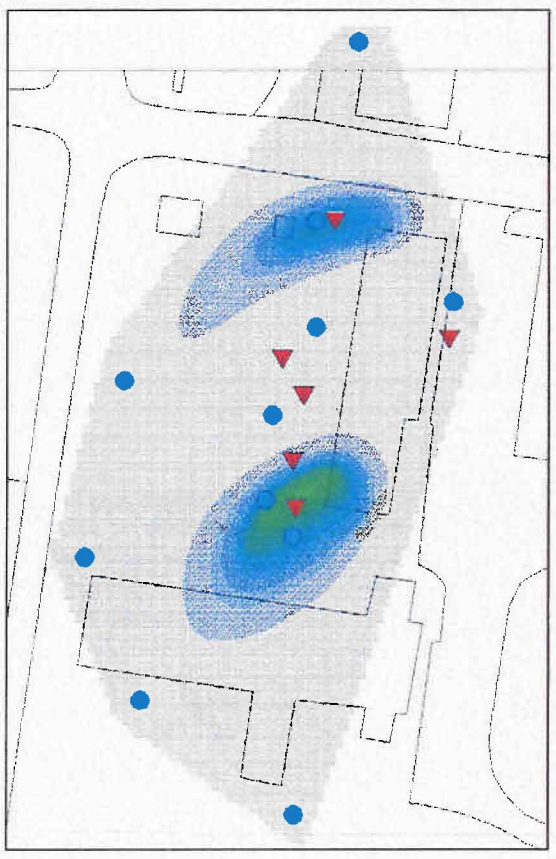
Baseline – January 2005



Present – January 2007

Cis-1,2-DCE

Baseline – January 2005



Present – January 2007

NAVFAC Naval Facilities Engineering Command SOUTHERN DIVISION

Interim Measures
Progress Report – SWMU 39

FIGURE 3-1
VOC DISTRIBUTION –
PRETREATMENT VS. CURRENT
(ACTIVE ENHANCED PHASE)
COMPARISON

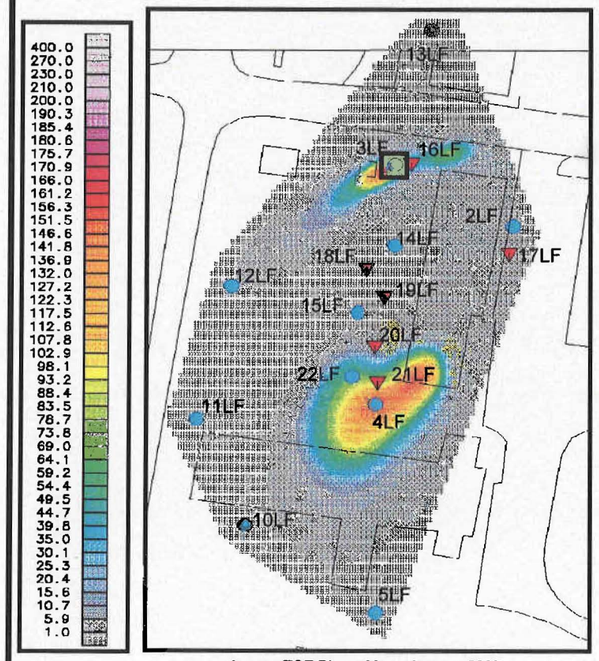
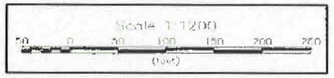


Image: TCE Plume Map, January 2007

Monitoring well
Injection well



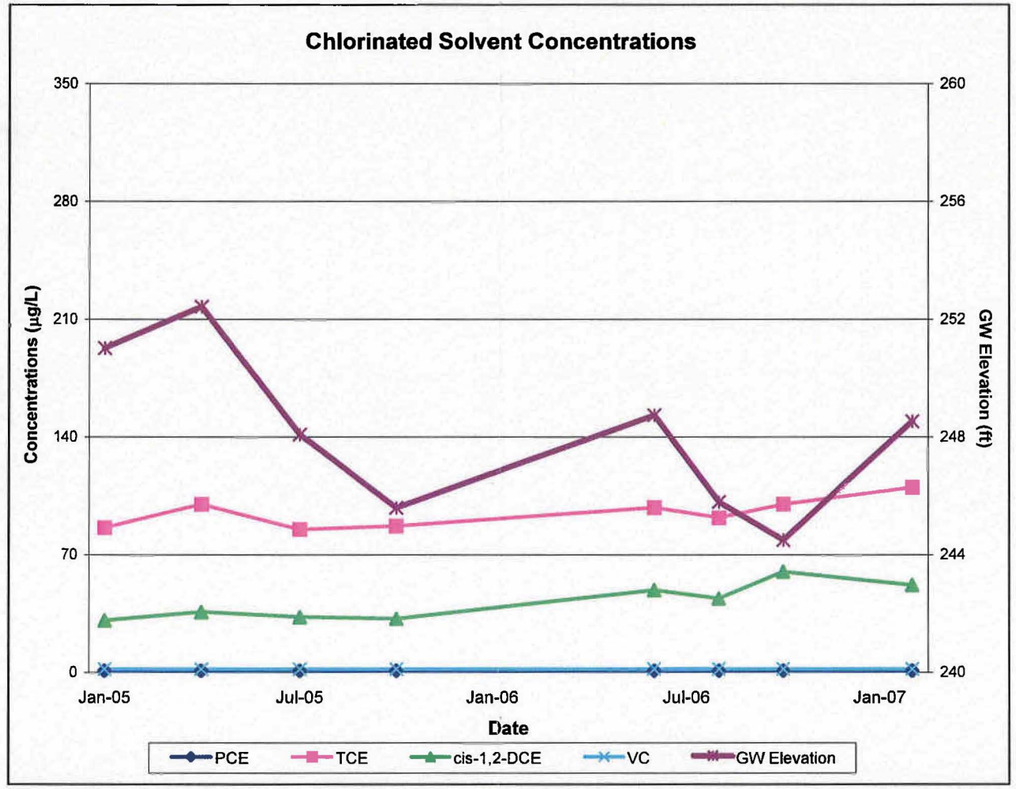
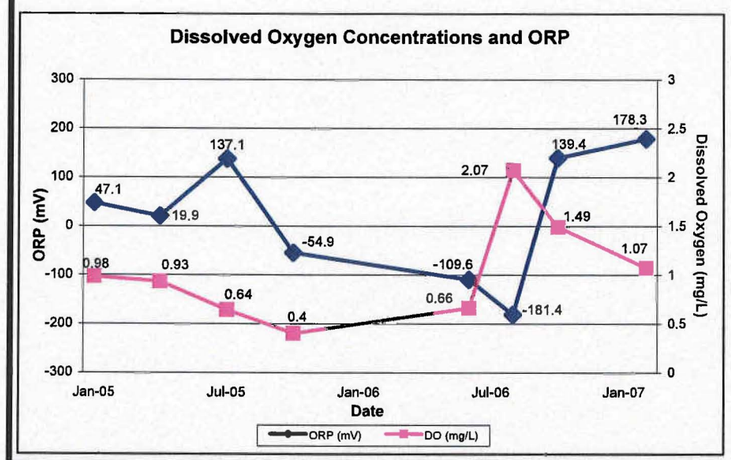
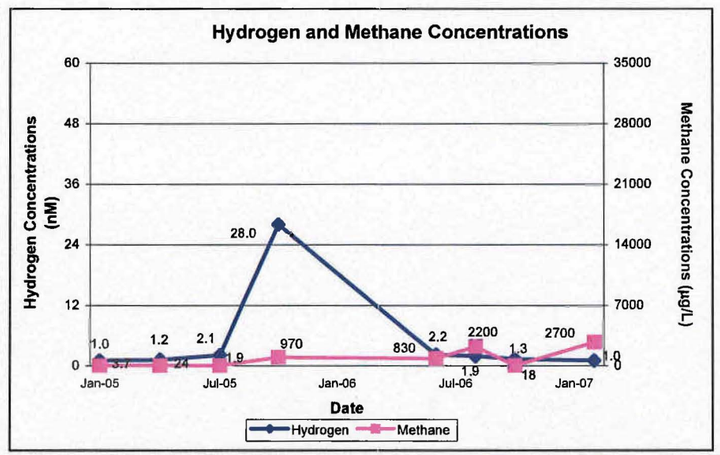


Figure 3-2
Monitoring Well
039G03LF

Date	Contaminants (µg/L)			
	PCE	TCE	cis-1,2-DCE	VC
Jan-05	1 U	86	31	2 U
Apr-05	1 U	100	36	2 U
Jul-05	1 U	85	33	2 U
Oct-05	1 U	87	32	2 U
Jun-06	1 U	98	49	2 U
Aug-06	1 U	92	44	2 U
Oct-06	1 U	100	60	2 U
Jan-07	1 U	110	52	2 U

Note:
D Diluted
J Estimated
U Below Detection Limits





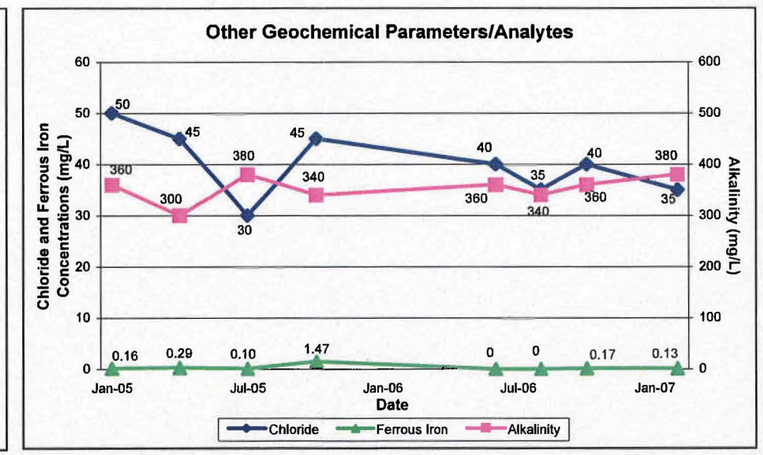


Figure 3-3
Monitoring Well
039G04LF

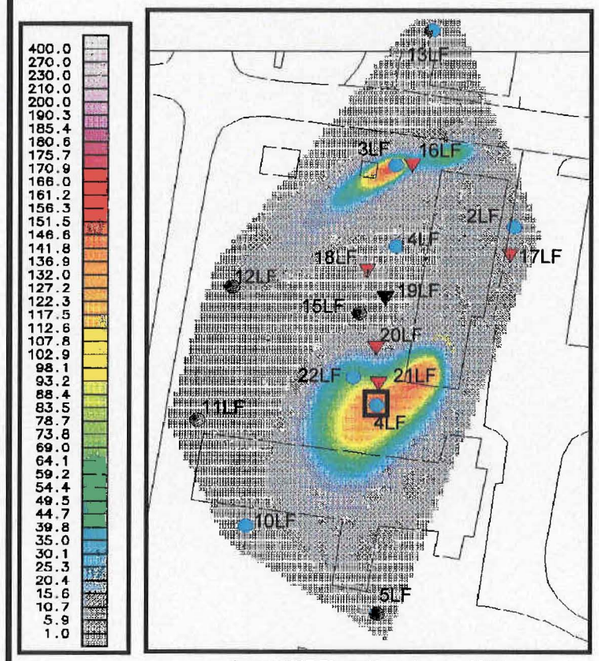
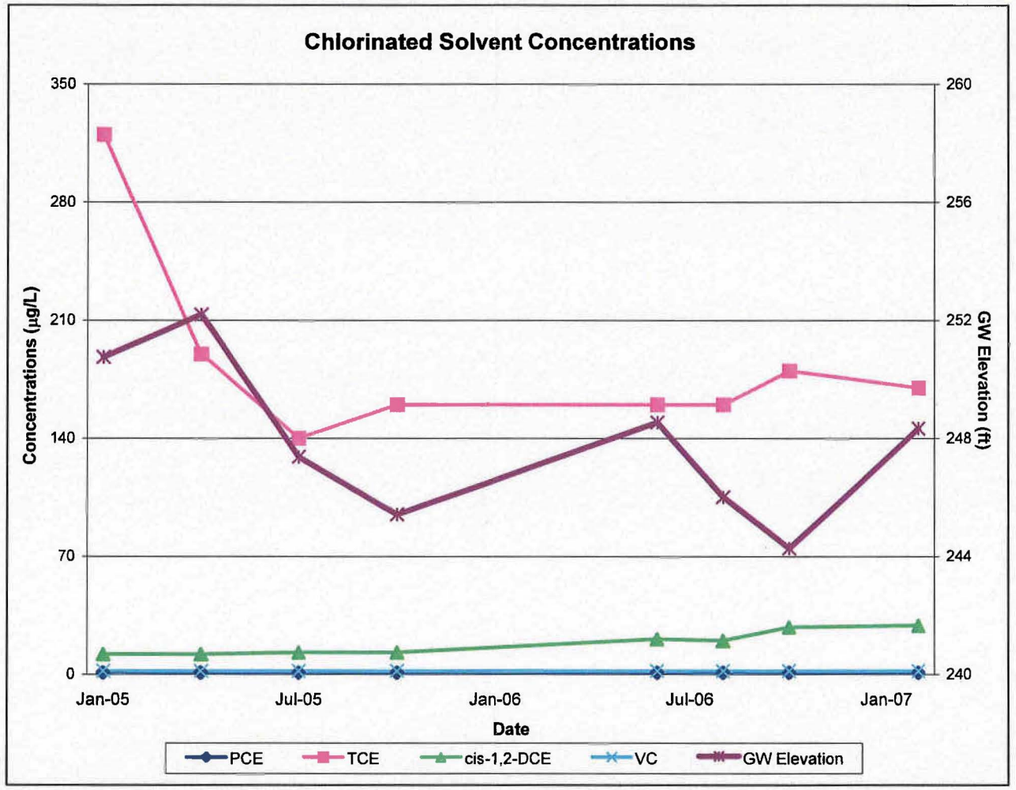


Image: TCE Plume Map, January 2007

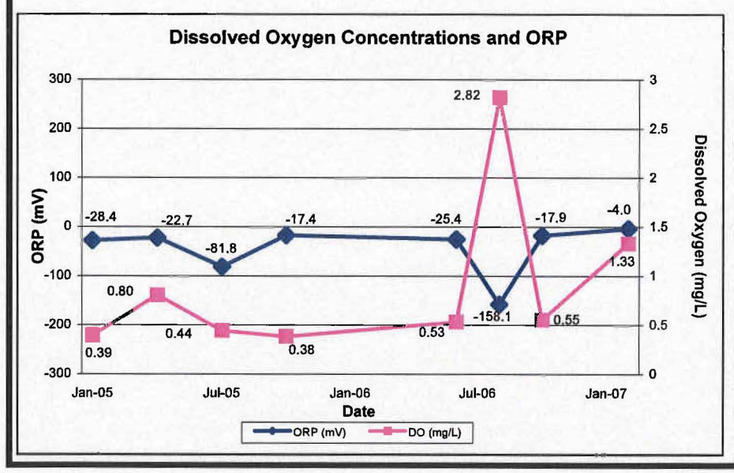
Monitoring well
Injection well

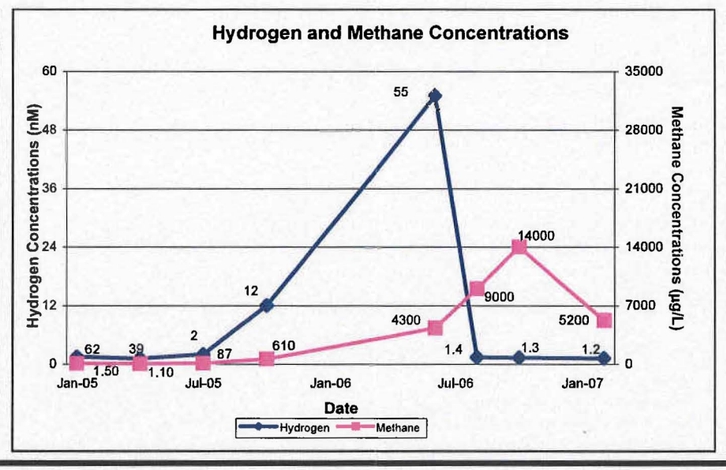
Scale 1:1200
(feet)



Date	Contaminants (µg/L)			
	PCE	TCE	cis-1,2-DCE	VC
Jan-05	1 U	320 D	12	2 U
Apr-05	1 U	190	12	2 U
Jul-05	1 U	140	13	2 U
Oct-05	1 U	160	13	2 U
Jun-06	1 U	160	21	2 U
Aug-06	1 U	160	20	2 U
Oct-06	1 U	180	28	2 U
Jan-07	1 U	170	29	2 U

Note:
D Diluted
J Estimated
U Below Detection Limits





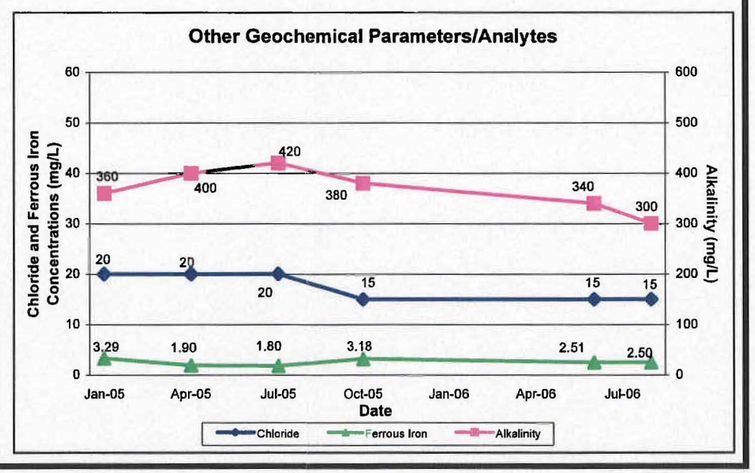


Figure 3-4
Monitoring Well 039G22LF

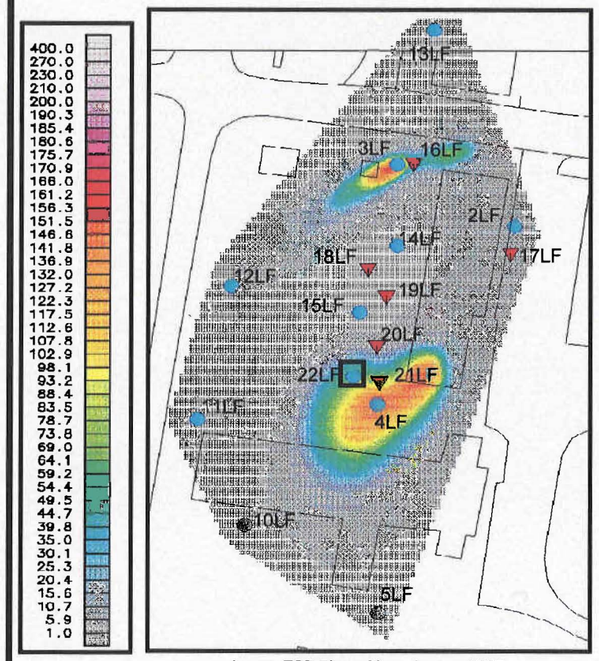
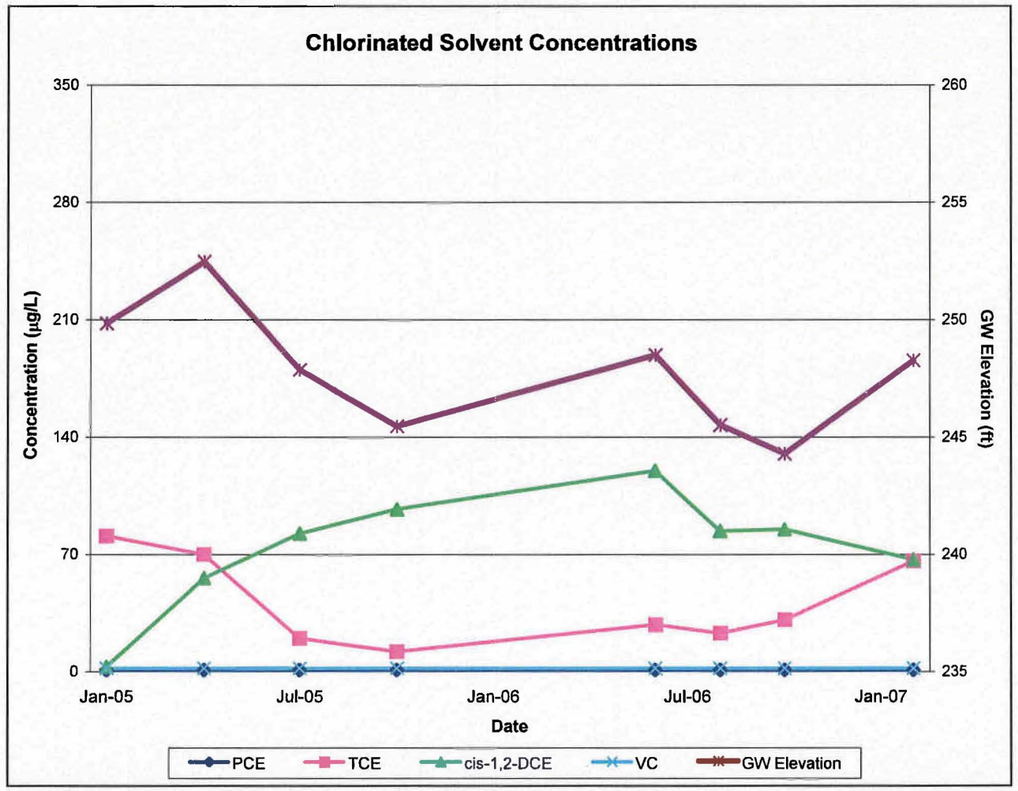


Image: TCE Plume Map, January 2007

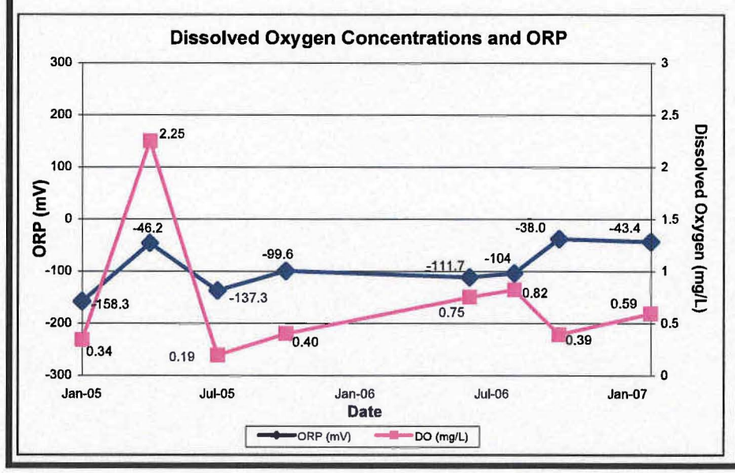
Monitoring well
Injection well

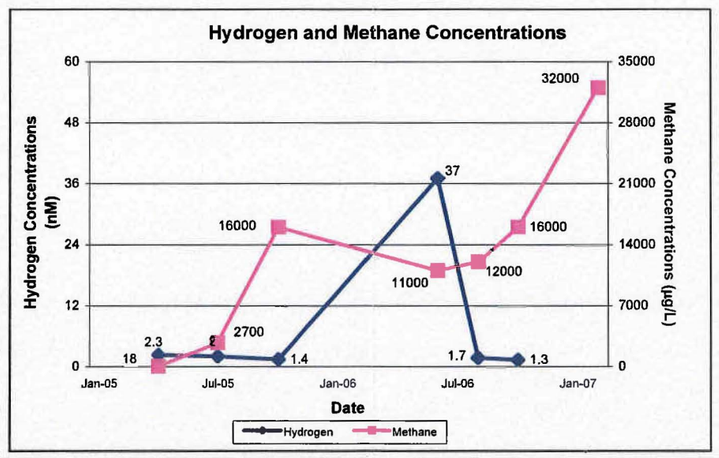
Scale 1:1200

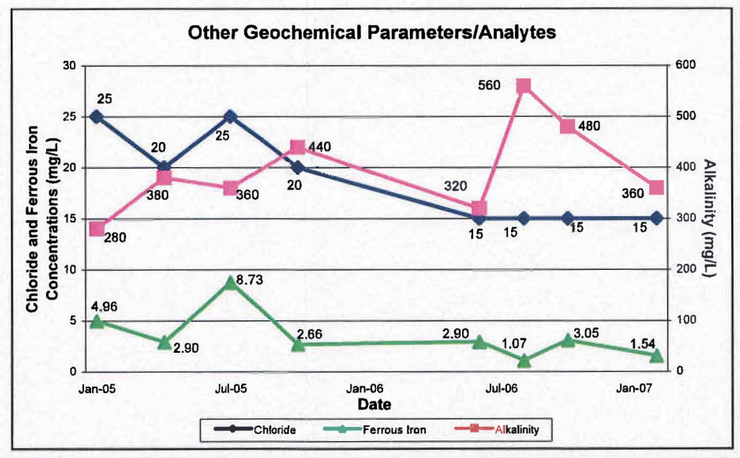


Date	Contaminants (µg/L)			
	PCE	TCE	cis-1,2-DCE	VC
Jan-05	1 U	81	3	2 U
Apr-05	1 U	70	56	2 U
Jul-05	1 U	20	82.5	2 U
Oct-05	1 U	12	97	2 U
Jun-06	1 U	28	120	2 U
Aug-06	1 U	23	84	2 U
Oct-06	1 U	31	85	2 U
Jan-07	1 U	66	67	2 U

Note:
D Diluted
J Estimated
U Below Detection Limits







4.0 CONCLUSIONS AND RECOMMENDATIONS

The introduction of sodium acetate and ammonium phosphate appears to have begun to trigger the reductive dechlorination of TCE and other VOCs in some locations within SWMU 39. Historically, the fluvial deposits aquifer at SWMU 39 has been slight to moderately aerobic and has had very low concentrations of natural carbon. Therefore, the carbon and nutrients added to SWMU 39 injection wells have stimulated indigenous microorganisms to convert the redox state of the aquifer to that of predominantly reducing conditions. The most noticeable effects can be seen in monitoring wells 039G04LF and 039G22LF, where reducing conditions have been confirmed via changes in geochemistry and contaminant concentrations, and by production of cis-1,2-DCE. Indicators of reducing conditions in the area of monitoring well 039G03LF are now being seen with the recent increase in methane concentrations.

Based on the October 2006 and January 2007 IM monitoring and historical results, the following is recommended:

- Substrate injections continue on a monthly basis as designed in all injection wells except 039G18LF and 039G19LF. The discontinuation of injections in these wells is based on the absence of TCE contamination in the immediate or downgradient areas of these injection wells.

- Discontinuation of sampling at monitoring wells 039G05LF, 039G11LF, 039G14LF, and 039G15LF since these wells have had no VOC detections since before IMs began (non-detect values for the last eight quarterly monitoring events).

- Reporting frequency be reduced from semi-annually to annually.

Future results will be evaluated to determine if any additional modifications to the current injection strategy (substrate quantity, injection frequency, and/or injection locations) should be modified.

5.0 REFERENCES

EnSafe Inc. (1999). *AOC A — Northside Fluvial Groundwater A-A Sequential Remediation Treatability Study Work Plan, Revision 1. Naval Support Activity Mid-South.* Memphis, Tennessee.

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— (2001, December 7). *Corrective Measures Study Work Plan, Naval Support Activity Mid-South, SWMU 39,* Revision 2. Memphis, Tennessee.

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Appendix A
Analytical Results

SPECTRA TECH, INC.
NSA MID-SOUTH
SDG: NSA-010
WW5764, WW5808

KATAHDIN ANALYTICAL SERVICES, INC.
340 COUNTY ROAD 5
WESTBROOK, ME 04092

Katahdin ANALYTICAL SERVICES

Cert. No. E87604

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SAMPLE DATA PACKAGE

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
SPECTRA TECH, INC.
CASE NSA MID-SOUTH
SDG: NSA-010
WW5764, WW5808

Sample Receipt

The following samples were received on October 26 and 27, 2006 and were logged in under Katahdin Analytical Services work order numbers WW5764 and WW5808 for a hardcopy due date of November 15, 2006.

KATAHDIN Sample No.	SPECTRA TECH Sample Identification
WW5764-4	039G05LF13
WW5764-5	039G10LF13
WW5764-6	039G12LF13
WW5764-7	039G11LF13
WW5808-1	039G13LF13
WW5808-2	039T102606
WW5808-3	039G03LF13
WW5808-4	039G02LF13
WW5808-5	039G14LF06
WW5808-6	039G22LF06
WW5808-7	039F102606
WW5808-8	039E102606
WW5808-9	039G15LF06
WW5808-10	039G04LF13
WW5808-11	039H04LF13

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

0000002

Organics Analysis

The samples of SDG NSA-010 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, for the specific methods listed below or on the Report of Analysis. Sample WW5808-4 was used for the matrix spike (MS) and matrix spike duplicate (MSD), as per client request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation report.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "B" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Wet Chemistry Analysis

The samples of SDG NSA-010 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for nitrate and total organic carbon were performed according to "Methods for Chemical Analysis of Water and Wastes", EPA 600/4-79-020, 1979 Revised 1983, U.S. EPA.

All Wet Chemistry results were evaluated to Katahdin Analytical Services' Method Detection Limits (MDL). Measured concentrations that fall between the MDL and Katahdin's Practical Quantitation Limit (PQL) are flagged "J". Measured concentrations that are below the MDL are flagged "U" and reported as "U PQL", where "PQL" is the numerical value of the Practical Quantitation Limit.

All analyses were performed within analytical holding times and all quality control criteria were met with the following exceptions:

The matrix spike recovery (136%) for nitrate in Katahdin Sample No. WW5808-1 is outside the laboratory's acceptance limits.

340 County Road No. 5 • P.O. Box 720, Westbrook, ME 04098 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • www.katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
11.28.06

Leslie Dimond
Quality Assurance Officer

0000004

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WW5764 & WW5787

PAGE: 1 OF 1

COOLER: 1 OF 1

COC#
SDG#
DATE / TIME RECEIVED: 10/26/06 1000
DELIVERED BY: Fed Ex
RECEIVED BY: DWM
LIMS ENTRY BY: DWM
LIMS REVIEW BY / PM: AC

CLIENT: Spectra Tech

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2. CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☒	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 1.4	
6. SAMPLES RECEIVED AT 4°C +/- 2? (ICE) ICE PACKS PRESENT (Y) or N?	☐	☒	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☒	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☒	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED[1]?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES[1]:

[1] Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000005

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT

Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # WW5808

PAGE: 1 OF 1

COOLER: 1 OF 1

CLIENT: Spectra Tech

COC#
SDG#
DATE / TIME RECEIVED: 10/27/06 0900
DELIVERED BY: Fed Ex
RECEIVED BY: Dum
LIMS ENTRY BY: ~~Dum~~ AJC
LIMS REVIEW BY / PM: MC

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☒	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 2.3	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT Y or N?	☒	☐	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☒	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☒	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☐	☐	☒		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☐	☐	☒		
11. SAMPLES PROPERLY PRESERVED[1]?	☐	☐	☒		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES[1]:

Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000006

Katahdin
ANALYTICAL SERVICES
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

nt: SPECTRA TECH, INC
Contact: RONNIE MOODY
Phone #: (865) 483-7210
Fax #: (865) 483-7261

Address: 132 JEFFERSON COURT
City: OAK RIDGE
State: TN
Zip Code: 37830

Purchase Order #: NA
Proj. Name / No.: NSA MIDSOUTH GW MONITORING
Katahdin Quote #:

Bill (if different than above): NA
Address:

Sampler (Print / Sign): JASON BLACK
Copies To:

LAB USE ONLY
WORK ORDER #: WW5764a
KATAHDIN PROJECT NUMBER: WW5797

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT
AIRBILL NO:
TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER-TYPE PRESERVATIVES

#	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☐N	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
					VOC	TOC	NITRATES							
	Ø14GØ2LF1Ø	10/25/06/935	GW	3	✓									
	Ø14GØ7LF1Ø	10/25/06/955	GW	3	✓									
	Ø14T1Ø25Ø6	10/25/06/1000	T	2	✓									
	Ø39GØ5LF13	10/25/06/1100	GW	6	✓	✓	✓							
	Ø39G1ØLF13	10/25/06/1115	GW	6	✓	✓	✓							
	Ø39G12LF13	10/25/06/1235	GW	6	✓	✓	✓							
	Ø39G11LF13	10/25/06/P10	GW	6	✓	✓	✓							
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												
		/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
	10/25/06 1400	10/26/06 1000			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
					0000007

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin ANALYTICAL SERVICES
340 County Road No. 5
P.O. Box 720
Westbrook, ME 04092
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

..ent	Contact	Phone #	Fax #
SPECTRA TECH, INC	RONNIE MOODY	(865) 483-7210	(865) 483-726

Address 138 JEFFERSON COURT City OAK RIDGE State TN Zip Code 37830

Purchase Order # NA Proj. Name / No. NSA MIDSOUTH GW MONITORING Katahdin Quote #

Bill (if different than above) NA Address

Sampler (Print / Sign) JASON BLACK Copies To:

LAB USE ONLY WORK ORDER #: WW 5808

KATAHDIN PROJECT NUMBER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☐N NITRATES	Filt. ☐Y ☐N VOC	Filt. ☐Y ☐N TOC	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐
	~~Ø39ØØ5LF13~~	~~10/25/06/1100~~	~~GW~~	~~1~~	~~✓~~									
	~~Ø39G1ØLF1Ø~~	~~10/25/06~~	~~GW~~											
	Ø39G13LF13	10/26/06/930	GW	6	✓	✓	✓							
	Ø39T1Ø26Ø6	10/26/06/930	T	2		✓								
	Ø39GØ3LF13	10/26/06/940	GW	6	✓	✓	✓							
	Ø39GØ2LF13	10/26/06/1120	GW	6	✓	✓	✓							
	Ø39GØ2LF13MS	10/26/06/1120	GW	3		✓								
	Ø39GØ2LF13MSD	10/26/06/1120	GW	3		✓								
	Ø39G14LFØ6	10/26/06/1200	GW	6	✓	✓	✓							
	Ø39G22LFØ6	10/26/06/1305	GW	6	✓	✓	✓							
	Ø39F1Ø26Ø6	10/26/06/1330	F	3		✓								
	Ø39E1Ø26Ø6	10/26/06/1330	E	3		✓								
	Ø39G15LFØ6	10/26/06/1345	GW	6	✓	✓	✓							
	Ø39GØ4LF13	10/26/06/1445	GW	6	✓	✓	✓							
	Ø39HØ8LF13	10/26/06/1445	GW	3		✓								
		/												

OMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
	10/26/06 1545	10/27/06 0900			
..quished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
					0000008

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS.

ORIGINAL

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 26, 2006
03:26 PM

Login Number: WW5764

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Primary Report Address:
Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Primary Invoice Address:
Accounts Payable
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	
CHECK NO.	:	
CLIENT PO#	:	
COOLER TEMPERATURE	:	1.4
DELIVERY SERVICES	:	Fed Ex
EDD FORMAT	:	KAS090QC-TXT
MAIL DATE	:	
PM	:	AJC
PROJECT NAME	:	NSA Mid-South
QC LEVEL	:	IV
REGULATORY LIST	:	NFESC
REPORT INSTRUCTIONS	:	Rpt to MDL & flag to PQL. Send copy of rpt on CD.
SDG ID	:	NSA-010
SDG STATUS	:	Begin

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WW5764-4	039G05LF13	25-OCT-06 11:00	26-OCT-06			14-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	27-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	22-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	08-NOV-06	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WW5764-5	039G10LF13	25-OCT-06 11:15	26-OCT-06			14-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	27-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	22-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	08-NOV-06	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WW5764-6	039G12LF13	25-OCT-06 12:35	26-OCT-06			14-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	27-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	22-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	08-NOV-06	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WW5764-7	039G11LF13	25-OCT-06 13:10	26-OCT-06			14-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	27-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	22-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	08-NOV-06	40mL Vial+HCl	3

Total Samples: *4* ***Total Analyses:*** *16*

0000009

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 30, 2006
08:58 AM

Login Number: WW5808

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Primary Report Address:
Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Primary Invoice Address:
Accounts Payable
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:
CHECK NO.	:
CLIENT PO#	:
COOLER TEMPERATURE	: 2.3
DELIVERY SERVICES	: Fed Ex
EDD FORMAT	: KAS090QC-TXT
MAIL DATE	:
PM	: AJC
PROJECT NAME	: NSA Mid-South
QC LEVEL	: IV
REGULATORY LIST	: NFESC
REPORT INSTRUCTIONS	: Report to MDL & flag to PQL. Send copy of rpt on CD.
SDG ID	: NSA-010
SDG STATUS	: END

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WW5808-1	039G13LF13	26-OCT-06 09:30	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-2	039T102606	26-OCT-06 09:30	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	2

WW5808-3	039G03LF13	26-OCT-06 09:40	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-4	039G02LF13	26-OCT-06 11:20	27-OCT-06			15-NOV-06	MS/MSD on VOA

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	MS/MSD-VOA			
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	9

WW5808-5	039G14LF06	26-OCT-06 12:00	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-6	039G22LF06	26-OCT-06 13:05	27-OCT-06			15-NOV-06	

trix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

0000010

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Oct. 30, 2006
08:58 AM

Login Number: WW5808

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
WW5808-7	039F102606	26-OCT-06 13:30	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-8	039E102606	26-OCT-06 13:30	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-9	039G15LF06	26-OCT-06 13:45	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-10	039G04LF13	26-OCT-06 14:45	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	28-OCT-06	125mL Plastic	1
Aqueous	S	E415.1-TOC	23-NOV-06	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

WW5808-11	039H04LF13	26-OCT-06 14:45	27-OCT-06			15-NOV-06	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	09-NOV-06	40mL Vial+HCl	3

Total Samples: *11* ***Total Analyses:*** *37*

0000011

SAMPLE DATA SUMMARY PACKAGE

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/25/06
Received Date: 10/26/06
Extraction Date:
Analysis Date: 05-NOV-2006 17:52
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5764-4
Client ID: 039G05LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: JCG
Analysis Method: SW846 8260B
Lab Prep Batch: WG33826
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		92%				

Weq tpi$Hexe$Wyq q ev}$E4444447

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G05LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5764-4

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: S1897

Level: (low/med) LOW

Date Received: 10/26/06

% Moisture: not dec. _____

Date Analyzed: 11/05/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/25/06
Received Date: 10/26/06
Extraction Date:
Analysis Date: 05-NOV-2006 18:25
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5764-5
Client ID: 039G10LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: JCG
Analysis Method: SW846 8260B
Lab Prep Batch: WG33826
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		90%				
17060-07-0	1,2-Dichloroethane-D4		102%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		91%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G10LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-010

Matrix: (soil/water) WATER Lab Sample ID: WW5764-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: S1898

Level: (low/med) LOW Date Received: 10/26/06

% Moisture: not dec. _____ Date Analyzed: 11/05/06

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/25/06
Received Date: 10/26/06
Extraction Date:
Analysis Date: 05-NOV-2006 18:57
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5764-6
Client ID: 039G12LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: JCG
Analysis Method: SW846 8260B
Lab Prep Batch: WG33826
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		88%				
17060-07-0	1,2-Dichloroethane-D4		98%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		91%				

Weq tpi$Hexe$Wyq q ev}$E444444;

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G12LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES — Lab Code: KAS

Project: NSA MID-SOUTH — SDG No.: NSA-010

Matrix: (soil/water) WATER — Lab Sample ID: WW5764-6

Sample wt/vol: 5.000 (g/mL) ML — Lab File ID: S1899

Level: (low/med) LOW — Date Received: 10/26/06

% Moisture: not dec. _____ — Date Analyzed: 11/05/06

GC Column: RTX-VMS ID: 0.18 (mm) — Dilution Factor: 1.0

Soil Extract Volume:_____(uL) — Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/25/06
Received Date: 10/26/06
Extraction Date:
Analysis Date: 05-NOV-2006 19:30
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5764-7
Client ID: 039G11LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: JCG
Analysis Method: SW846 8260B
Lab Prep Batch: WG33826
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		91%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		88%				
460-00-4	P-Bromofluorobenzene		92%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G11LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5764-7

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: S1900

Level: (low/med) LOW

Date Received: 10/26/06

% Moisture: not dec. _____

Date Analyzed: 11/05/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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Weq tpi$Hexe$Wyq q ev}$E4444454

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 06-NOV-2006 15:56
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-1
Client ID: 039G13LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG33866
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		93%				
2037-26-5	Toluene-D8		92%				
17060-07-0	1,2-Dichloroethane-D4		118%				
1868-53-7	Dibromofluoromethane		106%				

Weq tpi$Hexe$Wyq q ev}$E4444455

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G13LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES — Lab Code: KAS

Project: NSA MID-SOUTH — SDG No.: NSA-010

Matrix: (soil/water) WATER — Lab Sample ID: WW5808-1

Sample wt/vol: 5.000 (g/mL) ML — Lab File ID: T3525

Level: (low/med) LOW — Date Received: 10/27/06

% Moisture: not dec. _____ — Date Analyzed: 11/06/06

GC Column: RTX-VMS ID: 0.18 (mm) — Dilution Factor: 1.0

Soil Extract Volume:_____(uL) — Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 06-NOV-2006 13:17
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-2
Client ID: 039T102606
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG33866
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		93%				
17060-07-0	1,2-Dichloroethane-D4		121%				
1868-53-7	Dibromofluoromethane		107%				

Weq tpi$Hexe$Wyq q ev}$E4444457

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039T102606

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3520

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/06/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 06-NOV-2006 16:28
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-3
Client ID: 039G03LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG33866
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	J	0.7	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene		51	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		60	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		100	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		92%				
17060-07-0	1,2-Dichloroethane-D4		120%				
1868-53-7	Dibromofluoromethane		107%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G03LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-010

Matrix: (soil/water) WATER Lab Sample ID: WW5808-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T3526

Level: (low/med) LOW Date Received: 10/27/06

% Moisture: not dec. _____ Date Analyzed: 11/06/06

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 06-NOV-2006 16:59
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-4
Client ID: 039G02LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG33866
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	J	4	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	J	0.9	1.0	1	1	0.4
79-01-6	Trichloroethene		2	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		90%				
2037-26-5	Toluene-D8		91%				
17060-07-0	1,2-Dichloroethane-D4		120%				
1868-53-7	Dibromofluoromethane		105%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G02LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-4

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3527

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/06/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 15:08
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-5
Client ID: 039G14LF06
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		93%				
17060-07-0	1,2-Dichloroethane-D4		126%				
1868-53-7	Dibromofluoromethane		108%				

Weq tpi$Hexe$Wyq q ev}$E444445=

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G14LF06

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-5

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3551

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 15:40
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-6
Client ID: 039G22LF06
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	J	4	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		85	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		31	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		91%				
2037-26-5	Toluene-D8		93%				
17060-07-0	1,2-Dichloroethane-D4		126%				
1868-53-7	Dibromofluoromethane		108%				

Weq tpi$Hexe$Wyq q ev}$E4444465

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G22LF06

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-6

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3552

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 16:11
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-7
Client ID: 039F102606
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	J	4	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane		2	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		92%				
17060-07-0	1,2-Dichloroethane-D4		123%				
1868-53-7	Dibromofluoromethane		108%				

Weq tpi$Hexe$Wyq q ev}$E4444467

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039F102606

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-7

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3553

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 16:43
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-8
Client ID: 039E102606
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	J	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane		2	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		94%				
2037-26-5	Toluene-D8		94%				
17060-07-0	1,2-Dichloroethane-D4		130%				
1868-53-7	Dibromofluoromethane		113%				

Weq tpi$Hexe$Wyq q ev}$E4444469

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039E102606

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-010

Matrix: (soil/water) WATER Lab Sample ID: WW5808-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T3554

Level: (low/med) LOW Date Received: 10/27/06

% Moisture: not dec. _____ Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 17:15
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-9
Client ID: 039G15LF06
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone		8	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		97%				
2037-26-5	Toluene-D8		98%				
17060-07-0	1,2-Dichloroethane-D4		134%				
1868-53-7	Dibromofluoromethane		112%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G15LF06

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-010

Matrix: (soil/water) WATER Lab Sample ID: WW5808-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T3555

Level: (low/med) LOW Date Received: 10/27/06

% Moisture: not dec. _____ Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 17:47
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-10
Client ID: 039G04LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		28	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		180	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		90%				
2037-26-5	Toluene-D8		90%				
17060-07-0	1,2-Dichloroethane-D4		129%				
1868-53-7	Dibromofluoromethane		112%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G04LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-10

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3556

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 10/26/06
Received Date: 10/27/06
Extraction Date:
Analysis Date: 07-NOV-2006 18:18
Report Date: 11/20/2006
Matrix: WATER
% Solids: NA

Lab ID: WW5808-11
Client ID: 039H04LF13
SDG: NSA-010
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG33888
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	J	4	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		26	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		180	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		92%				
2037-26-5	Toluene-D8		91%				
17060-07-0	1,2-Dichloroethane-D4		127%				
1868-53-7	Dibromofluoromethane		107%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039H04LF13

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-010

Matrix: (soil/water) WATER

Lab Sample ID: WW5808-11

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T3557

Level: (low/med) LOW

Date Received: 10/27/06

% Moisture: not dec. _____

Date Analyzed: 11/07/06

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I VOA-TIC

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5764-4
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G05LF13	AQ	25-OCT-06	26-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33456	26-OCT-06 17:34:58	N/A	N/A	KGT	
Total Organic Carbon	U1.0 mg/L	1	EPA 415.1	WG33884	06-NOV-06 23:55:46	N/A	N/A	CP	

340 County Road No. 5
P.O. Box 720, Westbrook, ME 04098
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Weq tpi$Hexe$Wyq q ev}$E4444477

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5764-5
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G10LF13	AQ	25-OCT-06	26-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33456	26-OCT-06 17:36:03	N/A	N/A	KGT	
Total Organic Carbon	U1.0 mg/L	1	EPA 415.1	WG33884	07-NOV-06 00:05:50	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5764-6
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G12LF13	AQ	25-OCT-06	26-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	0.097 mg/L	.05	EPA 353.2	WG33456	26-OCT-06 17:37:09	N/A	N/A	KGT	
Total Organic Carbon	U1.0 mg/L	1	EPA 415.1	WG33946	07-NOV-06 17:02:54	N/A	N/A	CP	

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5764-7
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G11LF13	AQ	25-OCT-06	26-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33456	26-OCT-06 17:38:15	N/A	N/A	KGT	
Total Organic Carbon	U1.0 mg/L	1	EPA 415.1	WG33946	07-NOV-06 17:32:20	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-1
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G13LF13	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	1.6 mg/L	.05	EPA 353.2	WG33497	27-OCT-06 15:08:11	N/A	N/A	CP	
Total Organic Carbon	U1.0 mg/L	1	EPA 415.1	WG33946	07-NOV-06 19:06:50	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

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Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-3
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G03LF13	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33497	27-OCT-06 15:11:28	N/A	N/A	CP	
Total Organic Carbon	1.6 mg/L	1	EPA 415.1	WG33946	07-NOV-06 19:28:48	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-4
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G02LF13	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33497	27-OCT-06 15:12:34	N/A	N/A	CP	
Total Organic Carbon	1.3 mg/L	1	EPA 415.1	WG33946	07-NOV-06 19:38:52	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-5
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G14LF06	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	2.7 mg/L	.1	EPA 353.2	WG33497	27-OCT-06 15:45:17	N/A	N/A	CP	
Total Organic Carbon	1.0 mg/L	1	EPA 415.1	WG33946	07-NOV-06 19:48:58	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-6
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G22LF06	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33497	27-OCT-06 15:14:46	N/A	N/A	CP	
Total Organic Carbon	20. mg/L	1	EPA 415.1	WG33946	07-NOV-06 20:00:12	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-9
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G15LF06	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	0.059 mg/L	.05	EPA 353.2	WG33497	27-OCT-06 15:15:52	N/A	N/A	CP	
Total Organic Carbon	2.7 mg/L	1	EPA 415.1	WG33946	07-NOV-06 20:10:35	N/A	N/A	CP	

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Weq tpi$Hexe$Wyq q ev}$E4444486

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: WW5808-10
Report Date: 14-NOV-06
Client PO:
Project: NSA Mid-South
SDG: NSA-010

Sample Description	Matrix	Date Sampled	Date Received
039G04LF13	AQ	26-OCT-06	27-OCT-06

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG33497	27-OCT-06 15:20:15	N/A	N/A	CP	
Total Organic Carbon	1.3 mg/L	1	EPA 415.1	WG33946	07-NOV-06 20:20:48	N/A	N/A	CP	

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Tel:(207) 874-2400 Fax:(207) 775-4029

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sales@katahdinlab.com

Weq tpi$Hexe$Wyq q ev}$E4444487

SPECTRA TECH, INC.
NSA MID-SOUTH
SDG: NSA-019
SA0459, SA0488, SA0501

KATAHDIN ANALYTICAL SERVICES, INC.
600 TECHNOLOGY WAY
SCARBOROUGH, ME 04074

Katahdin ANALYTICAL SERVICES

Cert. No. E87604

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SAMPLE DATA PACKAGE

Katahdin ANALYTICAL SERVICES

Cert. No. E87604

SDG NARRATIVE
KATAHDIN ANALYTICAL SERVICES
SPECTRA TECH, INC.
CASE NSA MID-SOUTH
SDG: NSA-019
SA0459, SA0488, SA0501

Sample Receipt

The following samples were received on February 1 and 3, 2007 and were logged in under Katahdin Analytical Services work order numbers SA0459, SA0488 and SA0501 for a hardcopy due date of February 22, 2007.

KATAHDIN Sample No.	SPECTRA TECH Sample Identification
SA0459-1	039G10LF14
SA0459-2	039G05LF14
SA0459-3	039G13LF14
SA0459-4	039G11LF14
SA0459-5	039T013107
SA0488-1	039G04LF14
SA0488-2	039G12LF14
SA0488-3	039E020107
SA0488-4	039F020107-DIST
SA0488-5	039F020107-DION
SA0488-6	039G02LF07
SA0488-7	039G22LF07
SA0488-8	039H02LF07
SA0488-9	039T020107
SA0501-1	039G03LF14
SA0501-2	039G14LF07
SA0501-3	039H14LF07
SA0501-4	039G15LF07
SA0501-5	039T020207

The samples were logged in for the analyses specified on the chain of custody form. All problems encountered and resolved during sample receipt have been documented on the applicable chain of custody forms.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in this narrative or in the Report of Analysis.

Sample analyses have been performed by the methods as noted herein.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact your Katahdin Analytical Services Project Manager, **Andrea J. Colby**. This narrative is an integral part of the Report of Analysis.

Organics Analysis

The samples of SDG NSA-019 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods." SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIA, and III 1996, Office of Solid Waste and Emergency Response, and/or for the specific methods listed below or on the Report of Analysis. Samples SA0488-6 and SA0501-2 were used for the matrix spike (MS) and matrix spike duplicate (MSD) samples, as per client request. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation report.

8260B Analysis

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptance limits. Katahdin standard operating procedure is not to take corrective action until greater than ten percent of the spiked analytes (with the exception of the common laboratory contaminants acetone and methylene chloride) in the LCS are outside of the QC limits. If the associated MS/MSD has greater than ten percent of the spiked analytes outside of the QC limits, no corrective action is taken, as long the LCS is acceptable.

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "B" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

Samples SA0488-4, 5, 6, and 8 were manually integrated for acetone, 1,2-dichloroethane and/or chloroform. The specific reasons for the manual integrations are indicated on the raw data by a manual integration code (M1-M8). These codes are further explained in the attachment following this narrative.

There were no other protocol deviations or observations noted by the organics laboratory staff.

Wet Chemistry Analysis

The samples of SDG NSA-019 were analyzed in accordance with the specific methods listed on the Report of Analysis.

Analyses for nitrate and total organic carbon were performed according to "Methods for Chemical Analysis of Water and Wastes", EPA 600/4-79-020, 1979 Revised 1983, U.S. EPA.

All Wet Chemistry results were evaluated to Katahdin Analytical Services' Method Detection Limits (MDL). Measured concentrations that fall between the MDL and Katahdin's Practical Quantitation Limit (PQL) are flagged "J". Measured concentrations that are below the MDL are flagged "U" and reported as "U PQL", where "PQL" is the numerical value of the Practical Quantitation Limit.

Katahdin
ANALYTICAL SERVICES

Cert. No. E87604

All analyses were performed within analytical holding times and all quality control criteria were met.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package has been authorized by the Operations Manager or the Quality Assurance Officer as verified by the following signature.

Leslie Dimond
2-23-07

Leslie Dimond
Quality Assurance Officer

P.O. Box 540, Scarborough, ME 04070 • Tel: (207) 874-2400 • Fax: (207) 775-4029 • 600 Technology Way, Scarborough, ME 04074
www.katahdinlab.com

Katahdin Analytical Services, Inc.

Manual Integration Codes For GC/MS, GC, HPLC and/or IC

M1	Peak splitting
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analysis such as GRO, DRO and TPH require a baseline hold

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # SA04560 SA0.59

PAGE: 1 OF 1

COOLER: 1 OF 1

COC#
SDG#
DATE / TIME RECEIVED: 2/1/07 1000
DELIVERED BY: FEDEX
RECEIVED BY: AC
LIMS ENTRY BY: AC
LIMS REVIEW BY / PM: AC

CLIENT: Spectra Tech

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☑	☐	☐		
2. CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☑	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☑	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☑	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☑	☐	☐	TEMP BLANK TEMP (°C)= 0.6	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	☐	☑	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☑	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☑	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☑	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☑	☐	☐		
11. SAMPLES PROPERLY PRESERVED[1]?	☑	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☑	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES[1]:

[1] Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

000006

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # SA0488

PAGE: 1 OF 1

COOLER: 1 OF 1

COC#

SDG#

DATE / TIME RECEIVED: 2/2/07 12:15

DELIVERED BY: FED-EX

RECEIVED BY: NDA

LIMS ENTRY BY: AJC

LIMS REVIEW BY / PM: AJC

CLIENT: SPECTRA TECH

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	✓				
2. CHAIN OF CUSTODY PRESENT IN THIS COOLER?	✓				
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	✓				
4. CHAIN OF CUSTODY MATCHES SAMPLES?	✓				
5. TEMPERATURE BLANKS PRESENT?	✓			TEMP BLANK TEMP (°C)= 2.0°C	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	✓			COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	✓				
8. TRIP BLANK PRESENT IN THIS COOLER	✓				
9. PROPER SAMPLE CONTAINERS AND VOLUME?	✓				
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	✓				
11. SAMPLES PROPERLY PRESERVED(1)?	✓				
12. CORRECTIVE ACTION REPORT FILED?		✓	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP (NFESC) ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

L000000

KATAHDIN ANALYTICAL SERVICES, INC.
SAMPLE RECEIPT CONDITION REPORT
Tel. (207) 874-2400
Fax (207) 775-4029

LAB (WORK ORDER) # S4050 1

PAGE: 1 OF 1

COOLER: 1 OF 1

CLIENT: Spectra Tech

COC#
SDG#
DATE / TIME RECEIVED: 2/3/07 1030
DELIVERED BY: Fedex
RECEIVED BY: Drew
LIMS ENTRY BY: RC
LIMS REVIEW BY / PM: RC

PROJECT:

	YES	NO	EXCEPTIONS	COMMENTS	RESOLUTION
1. CUSTODY SEALS PRESENT / INTACT?	☒	☐	☐		
2.CHAIN OF CUSTODY PRESENT IN THIS COOLER?	☒	☐	☐		
3. CHAIN OF CUSTODY SIGNED BY CLIENT?	☒	☐	☐		
4. CHAIN OF CUSTODY MATCHES SAMPLES?	☒	☐	☐		
5. TEMPERATURE BLANKS PRESENT?	☒	☐	☐	TEMP BLANK TEMP (°C)= 2.3	
6. SAMPLES RECEIVED AT 4°C +/- 2? ICE / ICE PACKS PRESENT (Y) or N?	☒	☐	☐	COOLER TEMP (°C)= NA (RECORD COOLER TEMP ONLY IF TEMP BLANK IS NOT PRESENT)	
7. VOLATILES FREE OF HEADSPACE?	☒	☐	☐		
8. TRIP BLANK PRESENT IN THIS COOLER	☒	☐	☐		
9. PROPER SAMPLE CONTAINERS AND VOLUME?	☒	☐	☐		
10. SAMPLES WITHIN HOLD TIME UPON RECEIPT?	☒	☐	☐		
11. SAMPLES PROPERLY PRESERVED(1)?	☒	☐	☐		
12. CORRECTIVE ACTION REPORT FILED?	☐	☒	N/A		

13. ANALYTICAL PROGRAMS (CIRCLE ONE) COMMERCIAL CLP HAZWRAP NFESC ACOE AFCEE OTHER (STATE OF ORIGIN):

LOG - IN NOTES(1):

(1) Use this space (and additional sheets if necessary) to document samples that are received broken or compromised, C-O-C discrepancies, radiation checks, residual chlorine check, results of pH check if required. If samples required pH adjustment, record volume and type of preservative added.

2000000

Katahdin
600 Technology Way
Scarborough, ME 04074
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

Spectra Tech	Contact: Ronnie Moody	Phone #: (865) 483-7210	Fax #: (865) 483-7262
Address: 132 Jefferson Court	City: Oak Ridge	State: TN	Zip Code: 37830
Purchase Order #	Proj. Name / No.: NSA MID SOUTH	Katahdin Quote #	
Bill (if different than above)	Address		
Sampler (Print / Sign): Josh Eating / [signature]		Copies To:	

LAB USE ONLY — WORK ORDER #: SA04562 — KATAHDIN PROJECT NUMBER: SA0459

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE / PRESERVATIVES

Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☐N: VOC	Filt. ☐Y ☐N: TOC	Filt. ☐Y ☐N: Nitrate	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
014G06LF11	1-31-07/1040	GW	3	3									
014G07LF11	1-31-07/1145	GW	3	3									
014H06LF11	1-31-07/1040	GW	3	3									
039G10LF14	1-31-07/1030	GW	6	3	2	1							
039G05LF14	1-31-07/1215	GW	6	3	2	1							
039G13LF14	1-31-07/1400	GW	6	3	2	1							
039G11LF14	1-31-07/1315	GW	6	3	2	1							
039T013107	1-31-07/1500	T	2	2									
	/												
	/												
	/												
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	/												
	/												
	/												
	/												

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	1-31-07 1600			2/1/07 1100	[signature]
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS

ORIGINAL

Katahdin ANALYTICAL SERVICES
600 Technology Way
Scarborough, ME 04074
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

nt: Spectra Tech Inc | Contact: Bonnie Moody | Phone #: (865) 483-7210 | Fax #: (865) 483-7262

Address: 132 Jefferson Court | City: Oak Ridge | State: TN | Zip Code: 38730

Purchase Order # | Proj. Name / No.: NSA MID SOUTH | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): Josh Ferry / [signature] | Copies To:

LAB USE ONLY | WORK ORDER #: SA0488

KATAHDIN PROJECT NUMBER ____

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.	UDC (Filt. ☐Y ☐N)	TDC (Filt. ☐Y ☐N)	Nitrate (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
039G04LF14	2-1-07/0945	GW	6	3	2	1								
039G12LF14	2-1-07/1020	GW	6	3	2	1								
039E020107	2-1-07/1100	W	3	3										
39F020107-DIST	2-1-07/1100	W	3	3										
039F020107-DION	2-1-07/1100	W	3	3										
039G02LF07	2-1-07/1220	GW	6	3	2	1								
039G22LF07	2-1-07/1440	GW	6	3	2	1								
039H02LF07	2-1-07/1220	GW	3	3										
039T020107	2-1-07/1100	T	2	2										
039G02LF07MS	2-1-07/1220	GW	3	3										
039G02LF07MSD	2-1-07/1220	GW	3	3										
	/													
	/													
	/													
	/													
	/													

COMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	2-1-07 1500			2/2/07 12:15	[signature]
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS

ORIGINAL

Katahdin ANALYTICAL SERVICES
600 Technology Way
Scarborough, ME 04074
Tel: (207) 874-2400
Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND PRINT LEGIBLY IN PEN

Page ____ of ____

ent: Spectra Tech | Contact: Ronnie Moody | Phone #: (865) 483-7210 | Fax #: (865) 483-726

Address: 132 Jefferson Court | City: Oak Ridge | State: TN | Zip Code: 37830

Purchase Order # | Proj. Name / No.: NSA MIC SOUTH | Katahdin Quote #

Bill (if different than above) | Address

Sampler (Print / Sign): Josh Epting / Josh Epting | Copies To:

LAB USE ONLY | WORK ORDER #: S10501

KATAHDIN PROJECT NUMBER

REMARKS:

SHIPPING INFO: ☐ FED EX ☐ UPS ☐ CLIENT

AIRBILL NO:

TEMP°C ____ ☐ TEMP BLANK ☐ INTACT ☐ NOT INTACT

ANALYSIS AND CONTAINER TYPE PRESERVATIVES

*	Sample Description	Date / Time coll'd	Matrix	No. of Cntrs.	Filt. ☐Y ☐N VOC	Filt. ☐Y ☐N TOC	Filt. ☐Y ☐N Nitrate	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N	Filt. ☐Y ☐N
	039G03LF14	2-2-07/0955	GW	6	3	2	1							
	039G14LF07	2-2-07/1010	GW	6	3	2	1							
	039G14LF07MS	2-2-07/1010	GW	3	3									
	039G14LF07MSD	2-2-07/1010	GW	3	3									
	039H14LF07	2-2-07/1010	GW	3	3									
	039G15LF07	2-2-07/310	GW	6	3	2	1							
	039TD20207	2-2-07/1230	T	2	2									
		/												
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		/												

OMMENTS

Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
[signature]	2-2-07 1500	[signature]			
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE HEREOF SHALL GOVERN SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS

ORIGINAL

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Feb. 01, 2007
10:50 AM

Login Number: SA0459

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Primary Report Address:
Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Primary Invoice Address:
Accounts Payable
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:	
CHECK NO.	:	
CLIENT PO#	:	
COOLER TEMPERATURE	:	
DELIVERY SERVICES	:	FEDEX
EDD FORMAT	:	KAS090QC-TXT
MAIL DATE	:	
PM	:	AJC
PROJECT NAME	:	NSA Mid-South
QC LEVEL	:	IV
REGULATORY LIST	:	NFESC
REPORT INSTRUCTIONS	:	Rpt to MDL & flag to PQL. Send copy of rpt on CD.
SDG ID	:	NSA-019
SDG STATUS	:	BEGIN

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0459-1	039G10LF14	31-JAN-07 10:30	01-FEB-07			20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	02-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	28-FEB-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	14-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0459-2	039G05LF14	31-JAN-07 12:15	01-FEB-07			20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	02-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	28-FEB-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	14-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0459-3	039G13LF14	31-JAN-07 14:00	01-FEB-07			20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	02-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	28-FEB-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	14-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0459-4	039G11LF14	31-JAN-07 13:15	01-FEB-07			20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	02-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	28-FEB-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	14-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0459-5	039T013107	31-JAN-07 15:00	01-FEB-07			20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	14-FEB-07	40mL Vial+HCl	2

Total Samples: *5* ***Total Analyses:*** *18*

0000012

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (Ino1)

Feb. 02, 2007
12:56 PM

Login Number: SA0488

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Primary Report Address:
Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Primary Invoice Address:
Accounts Payable
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:
CHECK NO.	:
CLIENT PO#	:
COOLER TEMPERATURE	:
DELIVERY SERVICES	: FEDEX
EDD FORMAT	: KAS090QC-TXT
MAIL DATE	:
PM	: AJC
PROJECT NAME	: NSA Mid-South
QC LEVEL	: IV
REGULATORY LIST	: NFESC
REPORT INSTRUCTIONS	: Rpt to MDL. Send copy of rpt on CD.
SDG ID	: NSA-019
SDG STATUS	: CONT

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0488-1	039G04LF14	01-FEB-07 09:45	01-FEB-07			20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	03-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	01-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-2	039G12LF14	01-FEB-07 10:20	01-FEB-07		20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	03-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	01-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-3	039E020107	01-FEB-07 11:00	01-FEB-07		20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-4	039F020107-DIST	01-FEB-07 11:00	01-FEB-07		20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-5	039F020107-DION	01-FEB-07 11:00	01-FEB-07		20-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-6	039G02LF07	01-FEB-07 12:20	01-FEB-07		20-FEB-07	MS/MSD on VOA only.

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	03-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	01-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	9

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Feb. 02, 2007
12:56 PM

Login Number: SA0488

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0488-7	039G22LF07	01-FEB-07 14:40	01-FEB-07			20-FEB-07	

Matrix		*Product*	*Hold Date (shortest)*	*Bottle Type*	*Bottle Count*
Aqueous	S	E353.2-NITRATE	03-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	01-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-8	039H02LF07	01-FEB-07 12:20	01-FEB-07		20-FEB-07	

Matrix		*Product*	*Hold Date (shortest)*	*Bottle Type*	*Bottle Count*
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	3

SA0488-9	039T020107	01-FEB-07 11:00	01-FEB-07		20-FEB-07	

Matrix		*Product*	*Hold Date (shortest)*	*Bottle Type*	*Bottle Count*
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	15-FEB-07	40mL Vial+HCl	2

Total Samples: *9* ***Total Analyses:*** *26*

0000014

Katahdin
ANALYTICAL SERVICES

Katahdin Analytical Services

Login Chain of Custody Report (lno1)

Feb. 05, 2007
08:07 AM

Login Number: SA0501

Account: SPECTRA001 NoWeb
Spectra Tech, Inc.

Project: SPECTRANSA001

Primary Report Address:
Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Primary Invoice Address:
Accounts Payable
Spectra Tech, Inc.
132 Jefferson Court

Oak Ridge,TN 37830

Report CC Addresses:
Invoice CC Addresses:

Login Information

ANALYSIS INSTRUCTIONS	:
CHECK NO.	:
CLIENT PO#	:
COOLER TEMPERATURE	:
DELIVERY SERVICES	: FEDEX
EDD FORMAT	: KAS090QC-TXT
MAIL DATE	:
PM	: AJC
PROJECT NAME	: NSA Mid-South
QC LEVEL	: IV
REGULATORY LIST	:
REPORT INSTRUCTIONS	: Rpt to MDL. Send copy of rpt on CD.
SDG ID	: NSA-019
SDG STATUS	: END

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0501-1	039G03LF14	02-FEB-07 09:55	03-FEB-07			22-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	04-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	02-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	16-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0501-2	039G14LF07	02-FEB-07 10:10	03-FEB-07			22-FEB-07	MS/MSD on VOAs

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	04-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	02-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	MS/MSD-VOA			
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	16-FEB-07	40mL Vial+HCl	9

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0501-3	039H14LF07	02-FEB-07 10:10	03-FEB-07			22-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	16-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0501-4	039G15LF07	02-FEB-07 13:10	03-FEB-07			22-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	E353.2-NITRATE	04-FEB-07	125mL Plastic	1
Aqueous	S	E415.1-TOC	02-MAR-07	40 mL Vial+H2SO4	2
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	16-FEB-07	40mL Vial+HCl	3

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Comments
SA0501-5	039T020207	02-FEB-07 12:30	03-FEB-07			22-FEB-07	

Matrix		Product	Hold Date (shortest)	Bottle Type	Bottle Count
Aqueous	S	SW8260-LIB-SEARCH			
Aqueous	S	SW8260-S	16-FEB-07	40mL Vial+HCl	2

Total Samples: *5* ***Total Analyses:*** *17*

0000015

SAMPLE DATA SUMMARY PACKAGE

Weq tpi$Hexe$Wyq q ev}$E4444445

ORGANICS DATA QUALIFIERS

U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Estimated value. The analyte was detected in the sample at a concentration less than the laboratory Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
B	Indicates the analyte was detected in the laboratory method blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns.

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 01/31/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 22:50
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0459-1
Client ID: 039G10LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		103%				
460-00-4	P-Bromofluorobenzene		112%				

Weq tpi$Hexe$Wyq q ev}$E4444447

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G10LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0459-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: F4627

Level: (low/med) LOW

Date Received: 02/01/07

% Moisture: not dec. _____

Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Weq tpi$Hexe$Wyq q ev}$E4444448

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 01/31/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 23:25
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0459-2
Client ID: 039G05LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		97%				
17060-07-0	1,2-Dichloroethane-D4		96%				
2037-26-5	Toluene-D8		96%				
460-00-4	P-Bromofluorobenzene		105%				

Weq tpi$Hexe$Wyq q ev}$E4444449

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G05LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0459-2

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4628

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 01/31/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 13-FEB-2007 14:39
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0459-3RA
Client ID: 039G13LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		100%				
2037-26-5	Toluene-D8		92%				
17060-07-0	1,2-Dichloroethane-D4		118%				
1868-53-7	Dibromofluoromethane		107%				

Weq tpi$Hexe$Wyq q ev}$E444444;

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G13LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0459-3RA

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T4627

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 01/31/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 13-FEB-2007 15:10
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0459-4RA
Client ID: 039G11LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		98%				
2037-26-5	Toluene-D8		90%				
17060-07-0	1,2-Dichloroethane-D4		112%				
1868-53-7	Dibromofluoromethane		103%				

Weq tpi$Hexe$Wyq q ev}$E444444=

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G11LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0459-4RA

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T4628

Level: (low/med) LOW

Date Received: 02/01/07

% Moisture: not dec. _____

Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 01/31/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 13-FEB-2007 15:42
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0459-5RA
Client ID: 039T013107
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		101%				
2037-26-5	Toluene-D8		91%				
17060-07-0	1,2-Dichloroethane-D4		115%				
1868-53-7	Dibromofluoromethane		104%				

Weq tpi$Hexe$Wyq q ev}$E4444455

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039T013107

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0459-5RA

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T4629

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 18:50
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-1
Client ID: 039G04LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		29	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		170	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		100%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		102%				

Weq tpi$Hexe$Wyq q ev}$E4444457

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G04LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0488-1

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4620

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 13-FEB-2007 14:07
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-2RA
Client ID: 039G12LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		104%				
2037-26-5	Toluene-D8		95%				
17060-07-0	1,2-Dichloroethane-D4		118%				
1868-53-7	Dibromofluoromethane		109%				

Weq tpi$Hexe$Wyq q ev}$E4444459

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G12LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES — Lab Code: KAS

Project: NSA MID-SOUTH — SDG No.: NSA-019

Matrix: (soil/water) WATER — Lab Sample ID: SA0488-2RA

Sample wt/vol: 5.000 (g/mL) ML — Lab File ID: T4626

Level: (low/med) LOW — Date Received: 02/01/07

% Moisture: not dec. _____ — Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm) — Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) — Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 19:59
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-3
Client ID: 039E020107
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone		5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform		2	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane		3	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane		6	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform		7	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		106%				
17060-07-0	1,2-Dichloroethane-D4		106%				
2037-26-5	Toluene-D8		101%				
460-00-4	P-Bromofluorobenzene		101%				

Weq tpi$Hexe$Wyq q ev}$E444445;

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039E020107

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0488-3

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4622

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 20:33
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-4
Client ID: 039F020107-DIST
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone		8	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform		1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		101%				
17060-07-0	1,2-Dichloroethane-D4		104%				
2037-26-5	Toluene-D8		87%				
460-00-4	P-Bromofluorobenzene		97%				

Weq tpi$Hexe$Wyq q ev}$E444445=

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039F020107-DIST

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0488-4

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: F4623

Level: (low/med) LOW

Date Received: 02/01/07

% Moisture: not dec. _____

Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 21:07
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-5
Client ID: 039F020107-DION
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	J	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform		2	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane		4	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane		6	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform		6	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		103%				
17060-07-0	1,2-Dichloroethane-D4		103%				
2037-26-5	Toluene-D8		86%				
460-00-4	P-Bromofluorobenzene		88%				

Weq tpi$Hexe$Wyq q ev}$E4444465

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039F020107-DION

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0488-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4624

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 08-FEB-2007 20:51
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-6
Client ID: 039G02LF07
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36249
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	J	0.8	1.0	1	1	0.4
79-01-6	Trichloroethene		2	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		100%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		105%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G02LF07

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0488-6

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4606

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/08/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 21:42
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-7
Client ID: 039G22LF07
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		67	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		66	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		96%				
17060-07-0	1,2-Dichloroethane-D4		99%				
2037-26-5	Toluene-D8		85%				
460-00-4	P-Bromofluorobenzene		88%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G22LF07

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0488-7

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: F4625

Level: (low/med) LOW

Date Received: 02/01/07

% Moisture: not dec. _____

Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				
2.				
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 22:16
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-8
Client ID: 039H02LF07
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	J	0.8	1.0	1	1	0.4
79-01-6	Trichloroethene		2	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		89%				
17060-07-0	1,2-Dichloroethane-D4		101%				
2037-26-5	Toluene-D8		92%				
460-00-4	P-Bromofluorobenzene		96%				

Weq tpi$Hexe$Wyq q ev}$E444446;

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039H02LF07

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0488-8

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4626

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/01/07
Received Date: 02/01/07
Extraction Date:
Analysis Date: 09-FEB-2007 18:16
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0488-9
Client ID: 039T020107
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: DMF
Analysis Method: SW846 8260B
Lab Prep Batch: WG36279
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
1868-53-7	Dibromofluoromethane		95%				
17060-07-0	1,2-Dichloroethane-D4		97%				
2037-26-5	Toluene-D8		91%				
460-00-4	P-Bromofluorobenzene		94%				

Weq tpi$Hexe$Wyq q ev}$E444446=

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039T020107

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0488-9

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: F4619

Level: (low/med) LOW Date Received: 02/01/07

% Moisture: not dec. _____ Date Analyzed: 02/09/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/02/07
Received Date: 02/03/07
Extraction Date:
Analysis Date: 13-FEB-2007 16:46
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0501-1
Client ID: 039G03LF14
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene		42	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene		52	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene		110	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		98%				
2037-26-5	Toluene-D8		89%				
17060-07-0	1,2-Dichloroethane-D4		110%				
1868-53-7	Dibromofluoromethane		103%				

Weq tpi$Hexe$Wyq q ev}$E4444475

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G03LF14

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0501-1

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T4631

Level: (low/med) LOW

Date Received: 02/03/07

% Moisture: not dec. _____

Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Weq tpi$Hexe$Wyq q ev}$E4444476

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/02/07
Received Date: 02/03/07
Extraction Date:
Analysis Date: 13-FEB-2007 17:18
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0501-2
Client ID: 039G14LF07
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		102%				
2037-26-5	Toluene-D8		91%				
17060-07-0	1,2-Dichloroethane-D4		112%				
1868-53-7	Dibromofluoromethane		105%				

Weq tpi$Hexe$Wyq q ev}$E4444477

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G14LF07

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0501-2

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T4632

Level: (low/med) LOW

Date Received: 02/03/07

% Moisture: not dec. _____

Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/02/07
Received Date: 02/03/07
Extraction Date:
Analysis Date: 13-FEB-2007 17:49
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0501-3
Client ID: 039H14LF07
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		106%				
2037-26-5	Toluene-D8		93%				
17060-07-0	1,2-Dichloroethane-D4		112%				
1868-53-7	Dibromofluoromethane		107%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039H14LF07

Lab Name: KATAHDIN ANALYTICAL SERVICES — Lab Code: KAS

Project: NSA MID-SOUTH — SDG No.: NSA-019

Matrix: (soil/water) WATER — Lab Sample ID: SA0501-3

Sample wt/vol: 5.000 (g/mL) ML — Lab File ID: T4633

Level: (low/med) LOW — Date Received: 02/03/07

% Moisture: not dec. _____ — Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm) — Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) — Soil Aliquot Volume: _____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/02/07
Received Date: 02/03/07
Extraction Date:
Analysis Date: 13-FEB-2007 18:21
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0501-4
Client ID: 039G15LF07
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		104%				
2037-26-5	Toluene-D8		92%				
17060-07-0	1,2-Dichloroethane-D4		115%				
1868-53-7	Dibromofluoromethane		108%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039G15LF07

Lab Name: KATAHDIN ANALYTICAL SERVICES

Lab Code: KAS

Project: NSA MID-SOUTH

SDG No.: NSA-019

Matrix: (soil/water) WATER

Lab Sample ID: SA0501-4

Sample wt/vol: 5.000 (g/mL) ML

Lab File ID: T4634

Level: (low/med) LOW

Date Received: 02/03/07

% Moisture: not dec. _____

Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume:_____(uL)

Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Spectra Tech, Inc.
Project: NSA Mid-South
PO No:
Sample Date: 02/02/07
Received Date: 02/03/07
Extraction Date:
Analysis Date: 13-FEB-2007 13:34
Report Date: 02/20/2007
Matrix: WATER
% Solids: NA

Lab ID: SA0501-5
Client ID: 039T020207
SDG: NSA-019
Extracted by:
Extraction Method: SW846 5030
Analyst: SKT
Analysis Method: SW846 8260B
Lab Prep Batch: WG36323
Units: ug/l

CAS#	Compound	Flags	Results	DF	PQL	Adj.PQL	Adj.MDL
74-87-3	Chloromethane	U	2	1.0	2	2	0.6
75-01-4	Vinyl chloride	U	2	1.0	2	2	0.6
74-83-9	Bromomethane	U	2	1.0	2	2	0.6
75-00-3	Chloroethane	U	2	1.0	2	2	0.5
75-35-4	1,1-Dichloroethene	U	1	1.0	1	1	0.6
75-15-0	Carbon Disulfide	U	1	1.0	1	1	0.6
75-09-2	Methylene Chloride	U	5	1.0	5	5	2
67-64-1	Acetone	U	5	1.0	5	5	3
156-60-5	trans-1,2-Dichloroethene	U	1	1.0	1	1	0.6
75-34-3	1,1-Dichloroethane	U	1	1.0	1	1	0.4
156-59-2	cis-1,2-Dichloroethene	U	1	1.0	1	1	0.5
67-66-3	Chloroform	U	1	1.0	1	1	0.4
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.5
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.5
78-93-3	2-Butanone	U	5	1.0	5	5	3
71-43-2	Benzene	U	1	1.0	1	1	0.5
107-06-2	1,2-Dichloroethane	U	1	1.0	1	1	0.4
79-01-6	Trichloroethene	U	1	1.0	1	1	0.4
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5
75-27-4	Bromodichloromethane	U	1	1.0	1	1	0.4
10061-01-5	cis-1,3-dichloropropene	U	1	1.0	1	1	0.4
108-88-3	Toluene	U	1	1.0	1	1	0.4
108-10-1	4-methyl-2-pentanone	U	5	1.0	5	5	2
127-18-4	Tetrachloroethene	U	1	1.0	1	1	0.6
10061-02-6	trans-1,3-Dichloropropene	U	1	1.0	1	1	0.4
79-00-5	1,1,2-Trichloroethane	U	1	1.0	1	1	0.5
124-48-1	Dibromochloromethane	U	1	1.0	1	1	0.3
591-78-6	2-Hexanone	U	5	1.0	5	5	2
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.3
100-41-4	Ethylbenzene	U	1	1.0	1	1	0.3
1330-20-7	Xylenes (total)	U	3	1.0	3	3	1
	m+p-Xylenes	U	2	1.0	2	2	1.0
95-47-6	o-Xylene	U	1	1.0	1	1	0.4
100-42-5	Styrene	U	1	1.0	1	1	0.3
75-25-2	Bromoform	U	1	1.0	1	1	0.4
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.6
460-00-4	P-Bromofluorobenzene		102%				
2037-26-5	Toluene-D8		95%				
17060-07-0	1,2-Dichloroethane-D4		123%				
1868-53-7	Dibromofluoromethane		114%				

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FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE ID

039T020207

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: NSA MID-SOUTH SDG No.: NSA-019

Matrix: (soil/water) WATER Lab Sample ID: SA0501-5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: T4625

Level: (low/med) LOW Date Received: 02/03/07

% Moisture: not dec. _____ Date Analyzed: 02/13/07

GC Column: RTX-VMS ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/l

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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FORM I VOA-TIC

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0459-1
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G10LF14	AQ	31-JAN-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 09:03:21	N/A	N/A	AMB	
Total Organic Carbon	J0.98 mg/L	1	EPA 415.1	WG36304	09-FEB-07 14:41:55	N/A	N/A	CP	

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Tel:(207) 874-2400 Fax:(207) 775-4029

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0459-2
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G05LF14	AQ	31-JAN-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 09:04:26	N/A	N/A	AMB	
Total Organic Carbon	1.4 mg/L	1	EPA 415.1	WG36304	09-FEB-07 15:14:45	N/A	N/A	CP	

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0459-3
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G13LF14	AQ	31-JAN-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	1.6 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 09:05:32	N/A	N/A	AMB	
Total Organic Carbon	J0.71 mg/L	1	EPA 415.1	WG36304	09-FEB-07 15:26:43	N/A	N/A	CP	

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Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0459-4
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G11LF14	AQ	31-JAN-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 09:06:38	N/A	N/A	AMB	
Total Organic Carbon	J0.69 mg/L	1	EPA 415.1	WG36304	09-FEB-07 15:38:43	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0488-1
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G04LF14	AQ	01-FEB-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 13:29:25	N/A	N/A	AMB	
Total Organic Carbon	1.6 mg/L	1	EPA 415.1	WG36304	09-FEB-07 15:51:02	N/A	N/A	CP	

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0488-2
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G12LF14	AQ	01-FEB-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	0.19 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 13:30:32	N/A	N/A	AMB	
Total Organic Carbon	J0.67 mg/L	1	EPA 415.1	WG36304	09-FEB-07 16:03:02	N/A	N/A	CP	

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ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0488-6
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G02LF07	AQ	01-FEB-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	J0.016 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 13:31:37	N/A	N/A	AMB	
Total Organic Carbon	1.6 mg/L	1	EPA 415.1	WG36304	09-FEB-07 16:15:17	N/A	N/A	CP	

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Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0488-7
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G22LF07	AQ	01-FEB-07	01-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG36085	02-FEB-07 13:32:43	N/A	N/A	AMB	
Total Organic Carbon	1.4 mg/L	1	EPA 415.1	WG36304	09-FEB-07 16:27:30	N/A	N/A	CP	

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Katahdin
NALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0501-1
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G03LF14	AQ	02-FEB-07	03-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	U0.050 mg/L	.05	EPA 353.2	WG36229	03-FEB-07 15:41:11	N/A	N/A	KGT	
Total Organic Carbon	1.6 mg/L	1	EPA 415.1	WG36305	09-FEB-07 18:35:50	N/A	N/A	CP	

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Katahdin
NALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0501-2
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G14LF07	AQ	02-FEB-07	03-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	2.4 mg/L	.1	EPA 353.2	WG36229	03-FEB-07 15:42:17	N/A	N/A	KGT	
Total Organic Carbon	1.3 mg/L	1	EPA 415.1	WG36305	09-FEB-07 18:48:07	N/A	N/A	CP	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

http://katahdinlab.com
sales@katahdinlab.com

Katahdin
ANALYTICAL SERVICES

Cert No E87604

Report of Analytical Results

Client: Ronnie Moody
Spectra Tech, Inc.
132 Jefferson Court
Oak Ridge,TN 37830

Lab Sample ID: SA0501-4
Report Date: 22-FEB-07
Client PO:
Project: NSA Mid-South
SDG: NSA-019

Sample Description	Matrix	Date Sampled	Date Received
039G15LF07	AQ	02-FEB-07	03-FEB-07

Parameter	Result	Adj PQL	Anal. Method	QC.Batch	Anal. Date	Prep. Method	Prep. Date	Analyst	Footnotes
Nitrate As N	0.051 mg/L	.05	EPA 353.2	WG36229	03-FEB-07 15:40:05	N/A	N/A	KGT	
Total Organic Carbon	2.2 mg/L	1	EPA 415.1	WG36305	09-FEB-07 19:00:30	N/A	N/A	CP	

600 Technology Way
P.O. Box 540, Scarborough, ME 04070
Tel:(207) 874-2400 Fax:(207) 775-4029

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sales@katahdinlab.com

microseeps
from insight comes solutions

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 1 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Laboratory Results

Total pages in data package: 131

Lab Sample #	Client Sample ID
P0702058-01	039G12LF14
P0702058-02	039G02LF07
P0702058-03	039G22LF07
P0702058-04	039G14LF07
P0702058-05	039G03LF14
P0702058-06	039G04LF14
P0702058-07	014G03LS17
P0702058-08	039G10LF14
02058-09	039G05LF14
702058-10	039G13LF14
P0702058-11	039G11LF14
P0702058-12	039G15LF07

Microseeps test results meet all the requirements of the NELAC standards.

Approved By: Debbie Hallo

The analytical results reported here are reliable and usable to the precision expressed in this report. As required by some regulating authorities, a full discussion of the uncertainty in our analytical results can be obtained at our web site or through customer service. Unless otherwise specified, all results are reported on a wet weight basis.

As a valued client we would appreciate your comments on our service.
Please call customer service at (412)826-5245 or email customerservice@microseeps.com.

Case Narrative:

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 2 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G12LF14	Vapor	P0702058-01	01 Feb. 07 10:20	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	2.400	0.600	nM	AM20GAX	2/9/07	mm
N Methane	1.500	0.015	ug/L	AM20GAX	2/9/07	mm

nelac N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 3 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G02LF07	Vapor	P0702058-02	01 Feb. 07 12:20	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	1.900	0.600	nM	AM20GAX	2/9/07	mm
N Methane	170.000	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 4 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G22LF07	Water	P0702058-03	01 Feb. 07 14:40	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	0.042	0.025	ug/L	AM20GAX	2/13/07	rw
N Ethene	<0.025	0.025	ug/L	AM20GAX	2/13/07	rw
N Methane	32000.000	0.100	ug/L	AM20GAX	2/13/07	rw

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 5 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G14LF07	Vapor	P0702058-04	02 Feb. 07 10:10	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	1.200	0.600	nM	AM20GAX	2/9/07	mm
N Methane	1.300	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 6 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G03LF14	Vapor	P0702058-05	02 Feb. 07 9:55	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	1.000	0.600	nM	AM20GAX	2/9/07	mm
N Methane	2700.000	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 7 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G04LF14	Vapor	P0702058-06	01 Feb. 07 9:45	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	1.200	0.600	nM	AM20GAX	2/9/07	mm
N Methane	5200.000	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 8 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
014G03LS17	Vapor	P0702058-07	30 Jan. 07 10:00	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	1.200	0.600	nM	AM20GAX	2/9/07	mm
N Methane	0.033	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 9 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G10LF14	Vapor	P0702058-08	31 Jan. 07 10:30	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	0.790	0.600	nM	AM20GAX	2/9/07	mm
N Methane	0.890	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 10 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G05LF14	Vapor	P0702058-09	31 Jan. 07 12:15	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	0.760	0.600	nM	AM20GAX	2/9/07	mm
N Methane	0.260	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 11 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G13LF14	Vapor	P0702058-10	31 Jan. 07 14:00	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	2.400	0.600	nM	AM20GAX	2/9/07	mm
N Methane	0.990	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 12 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G11LF14	Vapor	P0702058-11	31 Jan. 07 13:15	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	1.500	0.600	nM	AM20GAX	2/9/07	mm
N Methane	0.530	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Client Name: Spectra Tech
Contact: Ronnie Moody
Address: 132 Jefferson Court
Oak Ridge, TN 37830-4821

Page: Page 13 of 13
Lab Proj #: P0702058
Report Date: 02/14/07
Client Proj Name: NAS Mid South
Client Proj #: NAS Mid South

Sample Description	Matrix	Lab Sample #	Sampled Date/Time	Received
039G15LF07	Vapor	P0702058-12	02 Feb. 07 13:10	03 Feb. 07 13:42

Analyte(s)	Result	PQL	Units	Method #	Analysis Date	By
RiskAnalysis						
N Ethane	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Ethene	<0.010	0.010	ug/L	AM20GAX	2/9/07	mm
N Hydrogen	0.930	0.600	nM	AM20GAX	2/9/07	mm
N Methane	1000.000	0.015	ug/L	AM20GAX	2/9/07	mm

N - NELAC certified analysis

Chain of Custody Documents

Microseeps Lab. Proj. # _____

CHAIN - OF CUSTODY RECORD

Microseeps COC cont. # P0702058

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : Spectra Tech Inc

Co. Address : 132 Jefferson Cntr, Oak Ridge, TN 37830

Phone # : 865-483-7210 Fax # : 865-483-7262

Proj. Manager : Ronnie Moody

Proj. Name/Number : NSA MID SOUTH

Sampler's signature : [signature]

Cooler Temp.

Results to :

Invoice to :

Parameters Requested: Dissolved Hydrogen; Methane, Ethane, Ethene

	Sample ID	Sample Description	Sample Type Water	Vapor	Solid	Date	Time	# bottles	Dissolved Hydrogen	Methane, Ethane, Ethene	Remarks :
1	039G12LF14 ✓	07	x	x		2-1-07	1020	2	1	1	
2	039G02LF07 ✓	230	x	x		2-1-07	1220	2	1	1	
3	039G22LF07 ✓	4. NO VAPOR in cooler	x	X		2-1-07	1440	2	1	1	
4	039G14LF07 ✓		x	x		2-2-07	1010	2	1	1	
5	039G03LF14 ✓		x	x		2-2-07	0955	2	1	1	
6	039G01LF14 ✓		x	x		2-1-07	0945	2	1	1	
7	014G03LS17	no H_2O too!		x		1-30-07	1000	1	1		
8	039G10LF14 ✓			x		1-31-07	1030	1	1		
9	039G05LF14 ✓			x		1-31-07	1215	1	1		
10	039G13LF14 ✓			x		1-31-07	1400	1	1		
11	039G11LF14			x		1-31-07	1315	1	1		
12	039G15LF07		x	x		2-2-07	1310	2	1	1	

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
[signature]	Spectra Tech	2-2-07	1500	[signature]	Microseeps	2/3/07	1200
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

15

P0702058

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

Microseeps Lab. Proj. # _____

CHAIN - OF CUSTODY RECORD

Microseeps COC cont. # _____

Phone: (412) 826-5245 | Microseeps, Inc. - 220 William Pitt Way - Pittsburgh, PA 15238 | Fax No. : (412) 826-3433

Company : Spectra Tech Inc

Co. Address : 132 Jefferson Court Oak Ridge TN 37830

Phone # : 865-483-7210 Fax # : 865-483-7262

Proj. Manager : Ronnie Manley

Proj. Name/Number : NSA MID SOUTH

Sampler's signature : [signature]

Cooler Temp. _____

Results to : _____

Invoice to : _____

Parameters Requested: Methane, Ethane, Ethene

Sample ID	Sample Description	Sample Type: Water	Vapor	Solid	Date	Time	# bottles	Methane, Ethane, Ethene	Remarks :
014G03LS17		X			1-30-07	1000	1	1	These 5 samples
039G10LF14		X			1-31-07	1030	1	1	were mistakenly
039G05LF14		X			1-31-07	1215	1	1	shipped to Katahdin
039G13LF14		X			1-31-07	1400	1	1	Analytical Lab on
039G11LF14		X			1-31-07	1315	1	1	Wednesday 1-31-07.
									Katahdin was supposed
									to ship them on
									to you. Call for
									question.
									Josh Epting
									901-238-4826

NOT IN COOLER

Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
[signature]	Spectra Tech	2-2-07	1500				
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :
Relinquished by :	Company :	Date :	Time :	Received by :	Company :	Date :	Time :

WHITE COPY : Accompany Samples YELLOW COPY : Laboratory File PINK COPY : Submitter

P0702058

NON-CONFORMANCE FORM

P0702058

Date: 2-3-07 Receiver: Maureen Doolin Time of Receipt: 1208

Client: Spectra Tech Inc. Number of Samples out of Conformance: 2

REASONS FOR NON-CONFORMANCE

- ☐ Samples received past holding time
- ☐ Broken bottles
- ☐ Incorrect containers
- ☐ Incorrect preservative
- ☐ Sample ID different from COC
- ☐ Labels missing or unreadable
- ☐ Analysis not written on COC
- ☑ Sample received not on COC
- ☑ Sample on COC not received
- ☐ Hold time not observed internally

Description: Sample 039622LF07 Only rec'd Water No vapor.

~~034603LS17 should only have Vapor It has Water + Vapor~~ ok (cw)

Remarks:

(See other side for resolution)

Appendix B
Analytical and Geochemical Summary Tables

Table B-1
VOC Results During Interim Measures

Monitoring Well	Constituent	Concentration (µg/L)							
		Jan-05	Apr-05	Jul-05	Oct-05	Jun-06	Aug-06	Oct-06	Feb-07
039G02LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	0.7 J	1 U	2	2	2	0.4	2 U	2 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G03LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	86	100	85	87	98	92	100	110
	cis-1,2-DCE	31	36	33	32	49	44	60	52
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G04LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	320 D	190	140	160	160	160	180	170
	cis-1,2-DCE	12	12	13	13	21	20	28	29
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G05LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	0.6 J	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G10LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	1 U	1 U	1 U	1 U	0.5 J	1 U	1 U	1 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	0.8	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G11LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Table B-1
VOC Results During Interim Measures

Monitoring Well	Constituent	Concentration (µg/L)							
		Jan-05	Apr-05	Jul-05	Oct-05	Jun-06	Aug-06	Oct-06	Feb-07
039G12LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	8	12	3	3	2	1 U	1 U	1 U
	cis-1,2-DCE	2	3	0.9 J	0.7	1	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G13LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G14LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G15LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	cis-1,2-DCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
039G22LF	PCE	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TCE	81	70	20	12	28	23	31	66
	cis-1,2-DCE	3	56	82.5	97	120	84	85	67
	VC	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Notes:

µg/L	micrograms per liter
U	Not detected
J	Estimated

Table B-2
Geochemical Results

Parameter	Date	Monitoring Well										
		039G02LF	039G03LF	039G04LF	039G05LF	039G10LF	039G11LF	039G12LF	039G13LF	039G14LF	039G15LF	039G22LF
Dissolved Oxygen (mg/L)	Jan-05	0.56	0.98	0.39	0.56	0.56	0.63	0.5	0.7	2.32	0.58	0.34
	Apr-05	0.88	0.93	0.8	0.5	1.03	0.67	0.4	0.78	0.92	0.93	2.25
	Jul-05	0.74	0.64	0.44	0.33	0.33	0.47	0.32	0.4	0.98	0.56	0.19
	Oct-05	1.38	0.4	0.38	0.38	0.50	1.6	0.44	0.50	1.00	0.40	0.40
	Jun-06	1.17	0.66	0.53	1.04	1.09	0.28	0.9	0.56	0.23	0.81	0.75
	Aug-06	1.05	2.07	2.82	1.91	1.41	0.81	1.42	1.52	1.09	4.8*	0.82
	Oct-06	0.61	1.49	0.55	0.60	1.46	1.30	0.76	0.79	1.57	0.96	0.39
	Jan-06	1.24	1.07	1.33	0.92	0.67	0.87	1.07	0.74	1.31	0.73	0.59
ORP (mV)	Jan-05	-47	47.1	-28.4	-33.7	-56	-18.3	6	79	15.9	-528.7	-158.3
	Apr-05	-36	19.9	-22.7	-20.2	2.6	14.3	34.1	132	34.7	54.7	-46.2
	Jul-05	-11	137.1	-81.8	-1.2	48.9	-157.8	41.1	87.7	54.4	205.3	-137.3
	Oct-05	-8.1	-54.9	-17.4	-28.0	-104.1	-33.9	0.5	-120.7	0.1	-123.8	-99.6
	Jun-06	-90.8	-109.6	-25.4	-13.2	-57.40	35.7	-64.8	3.5	-66	-62.5	-111.7
	Aug-06	223.1	-181.4	-158.1	0.7	127.60	-185.2	-22.4	55	165.5	-75.5	-104
	Oct-06	-14.2	139.4	-17.9	-7.6	24.7	3.0	36.0	184.0	36.0	-109.0	-38.0
	Jan-06	-23.9	178.3	-4.0	-39.3	9.9	15.7	40.2	14.3	134.1	-95.8	-43.4
Hydrogen (nM)	Jan-05	1.4	1	1.50	1.6	1.5	2.7	1.2	1.2	NS	NS	NS
	Apr-05	1.7	1.2	1.1	0.92	1	0.75	1.7	0.93	0.81	0.6	2.3
	Jul-05	19	2.1	2	1.9	1.5	4.5	1.9	2.1	2.5	1.9	2
	Oct-05	14	28.0	12	20	560	3.3	74	17	3.40	61	1.4
	Jun-06	9	2.2	55	2.4	1.5	3.4	1.1	45	4.60	5.7	37
	Aug-06	2.7	1.9	1.4	3.2	2	1.7	1.9	3.2	1.40	1.6	1.7
	Oct-06	2	1.3	1.3	2	1.4	1.4	2	1.40	1.1	1.2	1.3
	Jan-06	1.9	1.0	1.2	0.76	0.79	1.5	2.4	2.40	1.2	0.93	NS
Methane (µg/L)	Jan-05	28	3.7	62.0	71.0	30.0	0.19	5.7	1.0	NS	NS	NS
	Apr-05	23	24.0	39.0	55.0	27.0	0.0	5.0	0.5	1.1	34.0	18.0
	Jul-05	20	1.9	87.0	57.0	8.0	0.43	12.0	1.6	6.2	150.0	2700.0
	Oct-05	46	970	610	35	7.5	2.1	0.4	9.9	5.8	1200	16000
	Jun-06	91	830	4300	66	0.052	0.21	0.12	2.4	100	15000	11000
	Aug-06	160	2200	9000	53	2.6	1.2	71	3.5	35	15000	12000
	Oct-06	730	18	14000	57	1.9	0.64	20	8	2.7	11000	16000
	Jan-06	170	2700	5200	0.26	0.89	0.53	1.5	0.99	1.3	1000	32000

Table B-2
Geochemical Results

Parameter	Date	Monitoring Well										
		039G02LF	039G03LF	039G04LF	039G05LF	039G10LF	039G11LF	039G12LF	039G13LF	039G14LF	039G15LF	039G22LF
Alkalinity (mg/L)	Jan-05	300	360	360	220	140	80	140	100	380	180	280
	Apr-05	360	300	400	180	140	140	160	120	160	220	380
	Jul-05	75	380	420	200	140	120	120	120	100	160	360
	Oct-05	220	340	380	220	140	120	120	100	100	240	440
	Jun-06	300	360	340	140	120	100	100	80	120	340	320
	Aug-06	300	340	300	180	100	80	80	80	80	580	560
	Oct-06	360	360	340	220	140	60	140	100	100	800	480
	Jan-06	340	380	340	220	160	120	120	120	100	360	360
Chloride (mg/L)	Jan-05	20	50	20	70	10	10	20	10	10	15	25
	Apr-05	20	45	20	90	10	10	20	10	15	20	20
	Jul-05	30	30	20	60	10	10	15	10	15	20	25
	Oct-05	20	45	15	70	10	15	10	10	10	15	20
	Jun-06	15	40	15	60	10	10	10	10	10	10	15
	Aug-06	20	35	15	60	10	5	10	10	10	15	15
	Oct-06	45	40	15	55	10	10	10	10	10	15	15
	Jan-06	15	35	15	60	10	10	10	10	10	15	15
Ferrous Iron (mg/L)	Jan-05	1.58	0.16	3.29	2.95	2.23	1.68	0.42	0.03	0.27	4.46	4.96
	Apr-05	3.5	0.29	1.9	1.35	0.78	0.34	0.69	0.02	2.57	0.81	2.9
	Jul-05	3.08	0.1	1.8	3.64	1.2	1.72	1.41	0.15	0.28	0.13	8.73
	Oct-05	1.80	1.47	3.18	2.91	1.53	1.77	1.06	0.04	0.02	3.12	2.66
	Jun-06	1.73	0	2.51	1.94	1.22	1.51	1.14	0.04	4.84	1.92	2.90
	Aug-06	NS	0	2.50	2.76	0.98	1.33	1.28	0.0	0.04	2.61	1.07
	Oct-06	1.89	0.17	2.59	1.80	0.86	1.83	1.36	0.06	0.03	2.72	3.05
	Jan-06	NA	0.13	2.37	1.22	0.88	1.60	1.21	0.00	0.03	2.39	1.54

Notes:

*	Erroneous reading
mg/L	milligram per liter
µg/L	microgram per liter
mV	millivolt
nM	nanomolar
NS	Not Sampled
NA	Not Analyzed