



**The Verterre Group**  
*Environmental Scientists and Field Services*

June 25, 2009

Mr. David Lussier  
36 Bayview Drive  
St. Albans, VT 05478

**RE: Groundwater Monitoring- East End Quick Stop  
Georgia, Vermont  
Verterre Project #07035, Spill 2007WMD400**

Dear Mr. Lussier:

Enclosed is the Groundwater Monitoring Report which was prepared by The Verterre Group (Verterre) to evaluate subsurface conditions at the East End Quick Stop located at 1181 Ethan Allen Highway (Route 7) in Georgia, Vermont (the Site).

Monitor wells MW-1, MW-2 MW-3, MW-4R, MW-5 and MW-6 were sampled on April 6, 2009 for VOCs by USEPA Method 8260.

All pumps, USTs and the building have been previously removed. As previously reported, when removing the T-1 UST (October 2008) a small amount of gas was released from the primary line; likely due to residual gas in a sag in the line. The amount of gas released was less than 2 gallons however it did end up spilling on the tank cavity water. Booms and pads were immediately used to clean up the spill. This release likely caused the increase in VOC's that has been reported in MW-3.

One drum of contaminated soil was removed from the former Pump 1 area on November 12, 2008.

Contaminants of concern (COCs) were not reported above the Method Detection Limits (MDLs) in MW-1, MW-2, MW-5 and MW-6. COCs were reported above the MDLs but below the VGES in MW-4R. Benzene, trimethylbenzenes and naphthalene were reported above the Vermont Groundwater Enforcement Standards (VGES) in MW-3.

Dichlorodifluoromethane has previously been reported above the VGES of 1,000 µg/l in MW-3. The concentration of dichlorodifluoromethane has significantly declined in this well (17 µg/l) and has been below the VGES for the last three rounds of groundwater sampling. Dichlorodifluoromethane has not been reported above the MDL in any other on Site monitor well. A Phase I conducted on the property

and discussions with the property owner did not indicate that dichlorodifluoromethane (Freon 12) was ever used on the property. This compound was used as a refrigerant in automobile air conditioners prior to its ban in 1994. East End Quick Stop has never operated as a service station. The source of this compound may be off-Site.

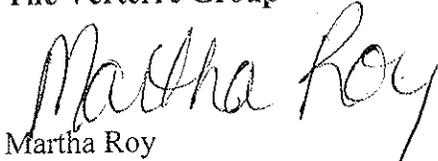
Verterre recommended closing MW-1, MW-5 and MW-6 and closing out the Lussier spill. Due to Site re-construction Verterre obtained permission from the State of Vermont to close these wells immediately and they were closed on June 24, 2009. The decommissioning of a monitoring well includes the removal of the road box, pulling up all well materials (if possible), grouting the boring hole to 6 inches below the ground surface with a bentonite and Portland cement slurry, and patching the hole to match the existing surface. Please note that with the closure of these wells Verterre is no longer responsible for maintenance of the former well locations. It is the property owners responsibility to maintain these areas.

Verterre recommends that a new spill be opened up under R.L. Vallee and that wells MW-2, MW-3 and MW-4R be sampled in the spring/summer of 2010 for VOCs by USEPA Method 8021B. Dichlorodiflouromethane concentrations have declined to the level that the monitor wells no longer need to be sampled for this compound.

If you have any questions or concerns, please contact our office at (802) 654-8663 extension 11.

Sincerely,

**The Verterre Group**



Martha Roy  
Project Manager

CC: *Mr. Tim Cropley, State of Vermont - SMS*  
*Mr. Tim Vallee, RL Vallee, Inc.*

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## The Verterre Group

ENVIRONMENTAL SCIENTISTS AND FIELD SERVICES

Phase (check one)	Type (check one)
<input type="checkbox"/> Site Investigation	<input type="checkbox"/> Work Scope
<input type="checkbox"/> Corrective Action Feasibility Investigation	<input checked="" type="checkbox"/> Technical Report
<input type="checkbox"/> Corrective Action Plan	<input type="checkbox"/> PCF Reimbursement Request
<input type="checkbox"/> Corrective Action Summary Report	<input type="checkbox"/> General Correspondence
<input checked="" type="checkbox"/> Operations & Monitoring Report	

**APRIL 2009  
GROUNDWATER MONITORING REPORT  
East End Quick Stop**

**Prepared For:  
Mr. David Lussier  
36 Bayview Drive  
St. Albans, VT 05478**

**Verterre Project #07035  
Spill #2007WMD400  
State Project Manager: Mr. Tim Cropley**

Date Submitted: June 25, 2009

Written By:

Martha Roy  
Martha Roy, Project Manager

Reviewed By:

KT Bishop  
fok: Steven Chase, Staff Scientist

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## 1.0 INTRODUCTION

This Groundwater Monitoring Report was prepared by The Verterre Group (Verterre) to evaluate subsurface conditions at the East End Quick Stop located at 1181 Ethan Allen Highway (Route 7) in Georgia, Vermont (the Site). A SITE Location Map is provided as **Figure 1** and a SITE Plan is presented as **Figure 2**.

## 2.0 BACKGROUND

A Phase II/Site Investigation was conducted to address the following *recognized environmental condition* from a Phase I: the current use of the property as a gas station with underground storage tanks (USTs) and an aboveground storage tank (AST) that contain petroleum product.

Seven (7) soil borings were advanced at the Site on September 17, 2007. Five (5) of these borings were completed as monitor wells. Soils were screened with a photoionization detector (PID) and low level PID readings (<5 parts per million by volume) were observed in all soil borings except MW-4 (located east of the kerosene tank). Elevated PID readings were encountered in MW-4. A soil sample was collected from the 0-4 foot section of the boring for MW-4 (B-5) and analyzed for volatile organic compounds (VOCs) by USEPA Method 8260 and total petroleum hydrocarbons as diesel range organics (TPH-DRO) by USEPA Method 8015.

Due to the elevated PID levels in boring B-5 (MW-4), Verterre suspected that the kerosene tank had leaked. The property owner, Mr. Lussier was notified. The tank was taken out of service and Verterre notified Mr. Tim Cropley of the State of Vermont of the release. Subsequently, the tank has been permanently removed from the property. Verterre requested that the release be more fully investigated under the Expressway Program, which Mr. Cropley approved.

Low level VOCs were reported in the soil boring (B-5); however the TPH-DRO for this sample was 1,600 mg/kg and the laboratory reported that spectrally the DRO resembled kerosene.

The five (5) monitor wells were sampled for VOCs by USEPA Method 8260 and TPH-DRO by USEPA Method 8015. COCs were not reported above the method detection limits (MDLs) in MW-1, MW-2, MW-5 or the supply well. TPH-DRO was not reported above the MDL in any of the sampled wells.

Low level VOCs (below the Vermont Groundwater Enforcement Standard - VGES) were reported in MW-4. Groundwater levels were below the contamination zone in this well so it is likely that as groundwater levels rise that elevated COCs will be present in this well.

Dichlorodifluoromethane was reported above the VGES of 1,000 µg/l in MW-3 (2,400 µg/l). Due to the elevated concentration of dichlorodifluoromethane this well was re-sampled on October 3, 2007. The dichlorodifluoromethane concentration in the re-sample was 440 µg/l. A Phase I conducted on the property and discussions with the property owner did not indicate that dichlorodifluoromethane (Freon

12) was ever used on the property. This compound was used as a refrigerant in automobile air conditioners prior to its ban in 1994. East End Quick Stop has never operated as a service station. The presence of dichlorodifluoromethane may be from an off-Site source. Blake's Auto Service Station is located to the southwest in the presumed upgradient location from the Site. Mr. Tim Cropley approved the completion of an up-gradient well. A new well, MW-6, was advanced on October 3, 2007. This well was sampled on October 11, 2007. VOCs and TPH-DRO were not reported above the MDL in this well.

A further delineation of the kerosene area was recommended and that work was conducted under the Expressway program on October 3, 2007. A boring investigation was conducted to determine the approximate amount of kerosene contaminated soil that needed to be excavated. The study concluded that approximately 75 yards of kerosene contaminated soil needed to be removed. The existing UST's are located to the east of the kerosene pump. Mr. Tim Cropley of the State of Vermont approved the excavation and disposal of the kerosene contaminated soils.

On October 24, 2007, Verterre oversaw the closure of one (1) 4,000-gallon gasoline (mid grade) UST at the East End Quick Stop. The UST installed in 1988, was taken out of service following the discovery of a leak of gasoline into the interstitial space. The tank is not being replaced. Eleven (11) soil samples were collected from the tank cavity. These soils were field screened with a PID. Low level PID readings (<8 parts per million by volume) were obtained. Visible soil contamination was not evident. Groundwater was encountered at approximately 7 feet below ground surface and no sheen was present on the water. The tank was in good condition; with no external holes evident. Based on the observed SITE conditions, further investigative actions related to the 4,000 gallon gasoline UST closure were not recommended.

On October 25, 2007, Verterre was on-Site with Martell Excavators to excavate and load kerosene contaminated soils into trucks for disposal at ESMI of New Hampshire. Impacted soils were field screened with a PID. Impacted soils which had a PID range of 90-407 parts per million by volume (ppmv) were excavated and temporarily stored on 6 Mil polyethylene. During the excavation it became apparent that the contamination extended deeper than had previously been determined; because when the soil boring investigation had been conducted the pump was still in place and no borings could be done under the pump. Directly under the pump area the contamination was found to extend to a depth of approximately 10 feet. Verterre contacted Mr. Tim Cropley on October 25, 2007 and notified him that we would complete the excavation but would need ESMI to send an additional truck which would not be available until the next day (October 26, 2007). Mr. Cropley approved the additional truck.

The final excavation area was approximately 19 feet by 20 feet. The general depth of the excavation was approximately 6 feet, however directly under the former pump area the excavation continued to a depth of approximately 10 feet. PID readings of the base and sidewalls of the excavation area averaged <10 ppmv. Additional fill was brought in to complete the excavation area to grade.

A total of 90 tons of kerosene contaminated soil were removed and disposed of at ESMI. One monitor well (MW-4) was destroyed during the soil excavation process. Verterre recommended that this well be

replaced and that all wells be re-sampled in the spring of 2008 for VOCs by US EPA Method 8260 and TPH-DRO.

Two (2) 6,000 gallon capacity gasoline USTs were closed on October 13, 2008. Tank, T-1, was in good condition with no holes evident. Tank, T-2, was in fair condition with no exterior holes present but a hole in the inner wall of the interstitial was evident.

PID readings from within the tank cavities averaged <10 ppmv. Three (3) PID readings were slightly above 20 ppmv: a PID reading of 22 ppmv was recorded around a 4" cap on top of the T-1 tank. Additionally, PID readings of 22 ppmv were recorded in the northern tank bottom area of the T-1 tank and the southern tank bottom area of the T-2 tank. Visible soil contamination was not encountered. Since no other elevated PID readings were recorded these slightly elevated PID readings in the bottom of the excavation are likely related to the prior documented kerosene contamination at the Site. In October 2007, a 4,000 gallon UST was removed (prior to the kerosene excavation) and the tank cavity was then backfilled with excavated soils and sandy fill. The kerosene contamination is directly upgradient of the UST area and some contamination likely followed the groundwater and sandy fill material.

When removing the T-1 tank a small amount of gas was released from the primary line; likely due to residual gas in a sag in the line. The amount of gas released was less than 2 gallons however it did end up spilling on the tank cavity water. Booms and pads were immediately used to clean up the spill. The booms and pads were drummed for subsequent off Site disposal.

Fifteen (15) soil samples were collected around the pump island area during the pump island and line closure assessment. The average PID reading of these soil samples was <10 ppmv. A PID reading of 42.5 ppmv was recorded at a depth of 36" under Pump #1, and a PID reading of 70 ppmv was recorded in the same area at a depth of 45". Soils at a depth of 54" were moist and assayed at 2.5 ppmv. Groundwater was not encountered. Verterre returned to the site on November 12, 2008 with Martell to excavate these soils. Crushed stone was removed and set aside to a depth of three (3) feet bgs. PID samples of the top three feet of stone assayed at <0.1 ppmv. A soil sample at thirty-six (36) inches bgs assayed at 6.7 ppmv. Soils from thirty-six (36) to fifty (50) inches bgs, in an approximately eighteen (18) inch diameter circle, exhibited PID readings ranging from 3.1 to 83.3 ppmv. These soils were removed and placed in a 55 gallon drum. Soils at fifty (50) inches bgs assayed at <0.1. Verterre collected a confirmatory sample at this depth for analysis for VOC's by US EPA Method 8021. All contaminants of concern were less than the MDL's in the confirmatory samples.

Based on the observed SITE conditions, it appears that further investigative actions related to the closure of the two (2) 6,000 gallon gasoline USTs were not warranted.

### **3.0 COMPLETED WORKSCOPE**

The monitoring activities that were conducted include:

- Collection of depth to water measurements used for the calculation of groundwater elevations; and,
- Collection of groundwater samples from accessible monitor wells for the determination of VOCs by modified USEPA Method 8260B.

The following reporting work was also performed after the above field activities were complete:

- Preparation of a groundwater contour map which illustrates an interpretation of groundwater flow underlying the SITE at the time of sampling;
- Preparation of a contaminant distribution plan;
- Preparation of tables and trend graphs summarizing current and historical data collected; and,
- Completion of this groundwater monitoring report.

#### **4.0 COLLECTION OF GROUNDWATER SAMPLES**

Verterre performed groundwater sampling at this SITE on April 6, 2009. Samples were collected from the on Site monitor wells MW-1, MW-2 MW-3, MW-4R, MW-5 and MW-6. Prior to sampling, depth to groundwater measurements were collected from all monitoring wells.

To allow for a representative groundwater sample, each well was purged of three (3) volumes of water with a dedicated bailer. Purge water from the wells was discharged directly to the ground surface. Sampling at each monitoring well was conducted with dedicated bailers.

Quality assurance/Quality control (QA/QC) samples incorporated into this sampling round included one (1) duplicate sample taken from monitor well MW-4R and one (1) field blank. Samples collected from monitoring wells were analyzed via US EPA Method 8260 for VOCs. Resource Laboratories performed all laboratory analyses for this round of groundwater sampling. The results of the groundwater sampling round are discussed in the following sections.

#### **5.0 RESULTS OF SAMPLING ACTIVITIES**

##### **5.1 Groundwater Flow Direction**

Verterre personnel measured groundwater levels on SITE on April 6, 2009. Depth to water ranged from 1.56 ft below top of casing (btoc) to 2.22 ft btoc at monitoring wells MW-6 and MW-1, respectively. A summary of groundwater elevation data is presented in **Table 1**. A Groundwater Contour Plan is presented as **Figure 3**.

Groundwater was interpreted to flow to the east at the time of sampling.

## 5.2 Groundwater Analytical Results

The April 2009 groundwater sampling results are summarized in **Table 2** and the complete analytical laboratory report is provided as **Attachment 1**. A Contaminant Distribution Plan is presented as **Figure 4**. Trend graphs that display current and historical laboratory results can be found in **Appendix A**.

Contaminants of Concern (COCs) were reported above the Method Detection Limits in MW-3 (3,250 micrograms per liter ( $\mu\text{g/l}$ )) and in MW-4R at a concentration of 36  $\mu\text{g/l}$ . COCs were not reported above the MDLs in MW-1, MW-2, MW-5 and MW-6.

Specifically, the following compounds were reported above the MDLs in MW-3: benzene (610  $\mu\text{g/l}$ ), toluene (430  $\mu\text{g/l}$ ), ethylbenzene (660  $\mu\text{g/l}$ ), total xylenes (960  $\mu\text{g/l}$ ), trimethylbenzenes (444  $\mu\text{g/l}$ ), dichlorodifluoromethane (17  $\mu\text{g/l}$ ), n-propylbenzene (68  $\mu\text{g/l}$ ), isopropylbenzene (32  $\mu\text{g/l}$ ) and naphthalene (29  $\mu\text{g/l}$ ). All reported compounds were below the respective Vermont Groundwater Enforcement Standards (VGES) except for benzene, trimethylbenzenes and naphthalene.

Specifically, the following compounds were reported above the MDLs in MW-4R: benzene (4  $\mu\text{g/l}$ ), ethylbenzene (2  $\mu\text{g/l}$ ), total xylenes (9  $\mu\text{g/l}$ ), trimethylbenzenes (5  $\mu\text{g/l}$ ), sec butylbenzene (2  $\mu\text{g/l}$ ), isopropylbenzene (3  $\mu\text{g/l}$ ) and naphthalene (8  $\mu\text{g/l}$ ). All reported compounds were below the respective VGES.

## 5.3 QA/QC Results

The Relative Percent Difference (RPD) for total COCs in the sample collected from MW-4R and its duplicate, DUP-1 were not calculated since the results were less than 10 times the MDLs. Typically, a RPD of up to 25% is considered to be an acceptable correlation between duplicate samples.

Prior to acceptance in this report the laboratory data was evaluated for the following parameters:

- correct sample ID's;
- analysis date within method specified holding time;
- correct reporting limits;
- acceptable detection limit multipliers;
- acceptable matrix spike (MS) and matrix spike duplicate (MSD) recoveries, where applicable;
- acceptable RPD between the MS and MSD, or the sample and duplicate where applicable; and,
- acceptable surrogate recoveries.

No target analytes were detected above the MDL in the Field Blank.

Based on Verterre's QA/QC evaluation, the data was found to be acceptable.

## 6.0 SUMMARY AND CONCLUSIONS

Based on the information and analytical data obtained during this investigation, Verterre concludes the following:

- Groundwater sampling was conducted at the Former East End Quick Stop on April 6, 2009. Monitor wells MW-1, MW-2 MW-3, MW-4R, MW-5 and MW-6 were sampled for VOCs by USEPA Method 8260.
- All pumps, USTs and the building have been previously removed. As previously reported, when removing the T-1 UST (October 2008) a small amount of gas was released from the primary line; likely due to residual gas in a sag in the line. The amount of gas released was less than 2 gallons however it did end up spilling on the tank cavity water. Booms and pads were immediately used to clean up the spill. This release likely caused the increase in VOC's that has been reported in MW-3.
- One drum of contaminated soil was removed from the former Pump 1 area on November 12, 2008.
- COCs were not reported above the MDLs in MW-1, MW-2, MW-5 and MW-6.
- COCs were reported above the MDLs but below the VGES in MW-4R.
- Benzene, trimethylbenzenes and naphthalene were reported above the VGES in MW-3.
- Dichlorodifluoromethane has previously been reported above the VGES of 1,000 µg/l in MW-3. The concentration of dichlorodifluoromethane has significantly declined in this well (17 µg/l) and has been below the VGES for the last three rounds of groundwater sampling. Dichlorodifluoromethane has not been reported above the MDL in any other on Site monitor well. A Phase I conducted on the property and discussions with the property owner did not indicate that dichlorodifluoromethane (Freon 12) was ever used on the property. This compound was used as a refrigerant in automobile air conditioners prior to its ban in 1994. East End Quick Stop has never operated as a service station. The source of this compound may be off-Site.
- Verterre recommended closing MW-1, MW-5 and MW-6 and closing out the Lussier spill. Due to Site re-construction Verterre obtained permission from the State of Vermont to close these wells immediately and they were closed on June 24, 2009. The decommissioning of a monitoring well includes the removal of the road box, pulling up all well materials (if possible), grouting the boring hole to 6 inches below the ground surface with a bentonite and Portland cement slurry, and patching the hole to match the existing surface. Please note that with the closure of these wells Verterre is no longer responsible for maintenance of the former well locations. It is the property owners responsibility to maintain these areas.

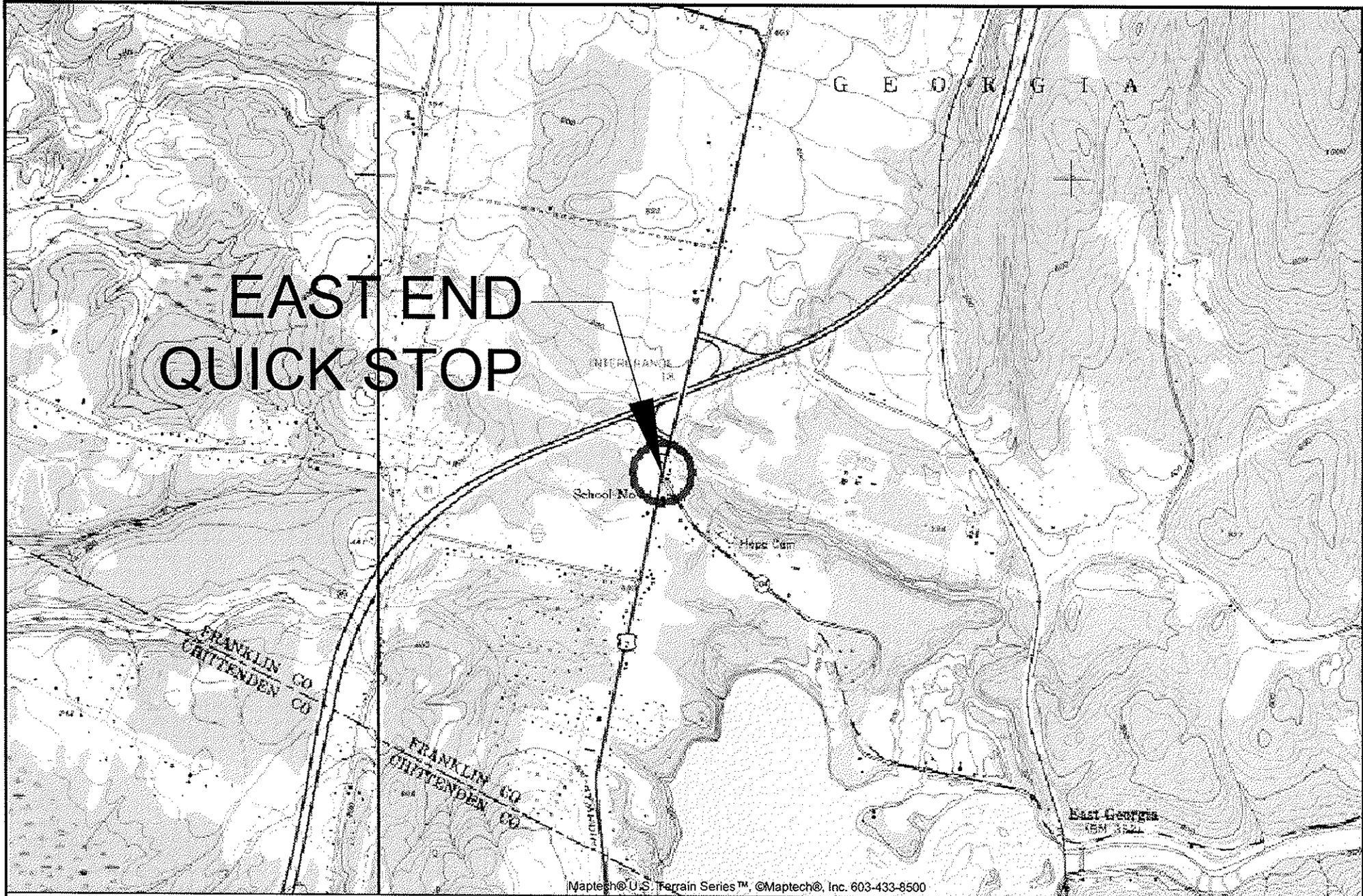
## 7.0 RECOMMENDATIONS

Verterre recommends that a new spill be opened up under R.L. Vallee and that wells MW-2, MW-3 and MW-4R be sampled in the spring/summer of 2010 for VOCs by USEPA Method 8021B. Dichlorodifluoromethane concentrations have declined to the level that the monitor wells no longer need to be sampled for this compound.

# *Figures*



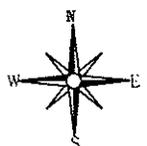
*The Verterre Group*  
*Environmental Scientists and Field Services*



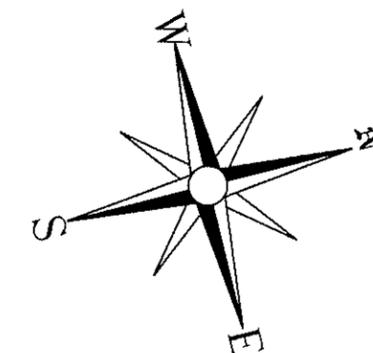
Maptech® U.S. Terrain Series™, ©Maptech®, Inc. 603-433-8500

SOURCE: USGS 7.5' Minute Topographic Map Series Milton, Vermont Quadrangle. Created 1948, Revised 1987.

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 Fs1:/project/07035/Site Location Plan.dwg

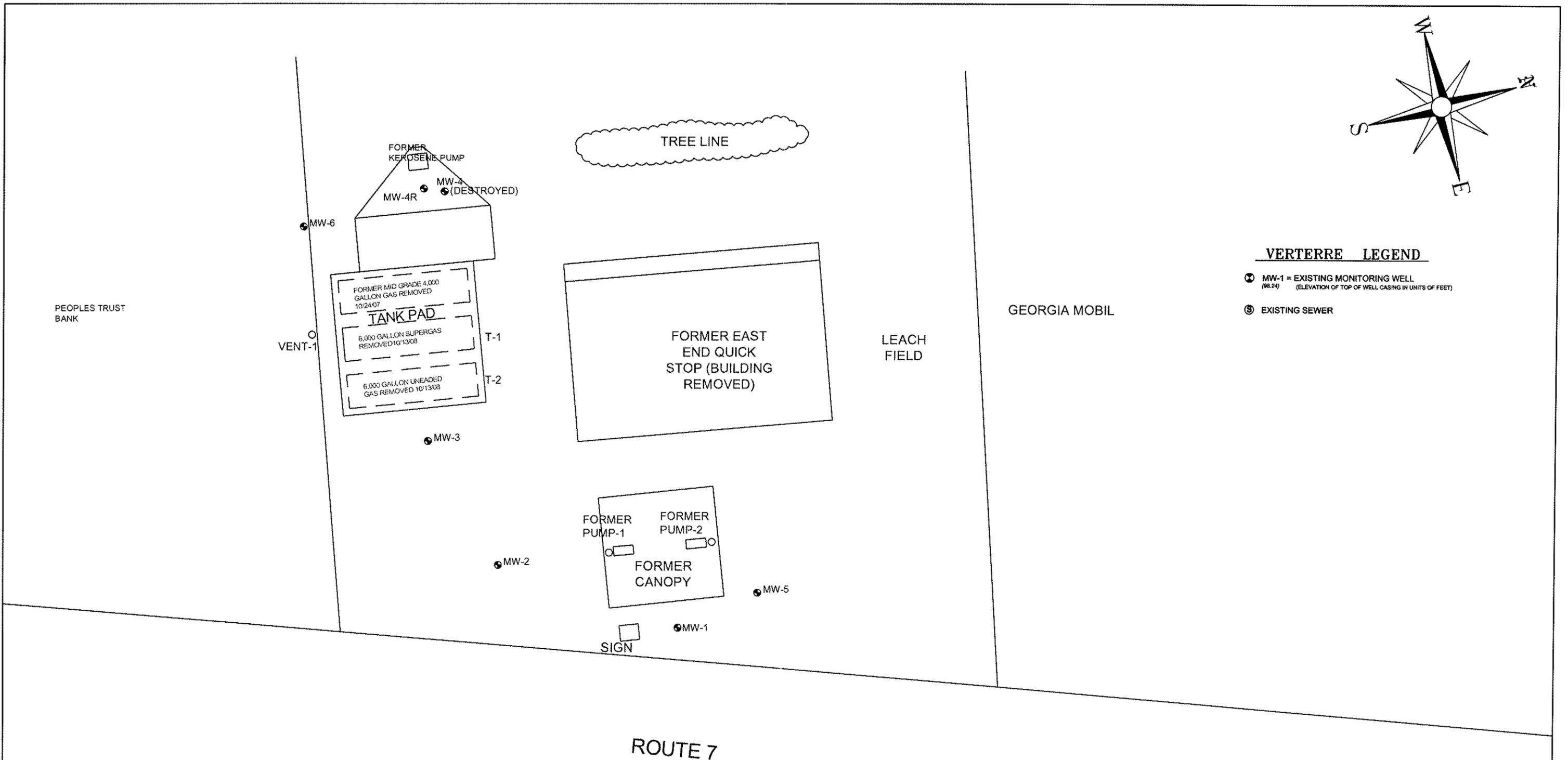


Project #07035	DRAWN BY: ESC	<b>The Verterre Group</b> 414 Roosevelt Highway - Suite 200 Colchester, Vermont 05446 (802) 654-8663	<b>FIGURE 1</b> <b>SITE LOCATION MAP</b> East End Quick Stop Route 7 Georgia, Vermont
	CHECKED BY: <u>MER</u>		
	APPROVED BY: <u>MER</u>		
	DATE: 09/11/07		
SCALE: N.T.S.			



**VERTERRE LEGEND**

- MW-1 = EXISTING MONITORING WELL  
(#8.24) (ELEVATION OF TOP OF WELL CASING IN UNITS OF FEET)
- ⊙ EXISTING SEWER



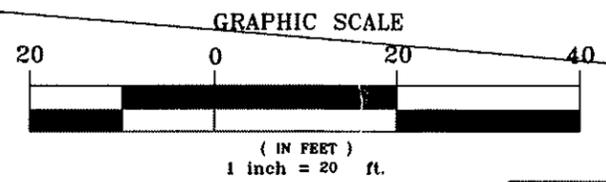
**EAST END QUICK STOP  
ROUTE 7  
GEORGIA, VERMONT**

**SITE PLAN**

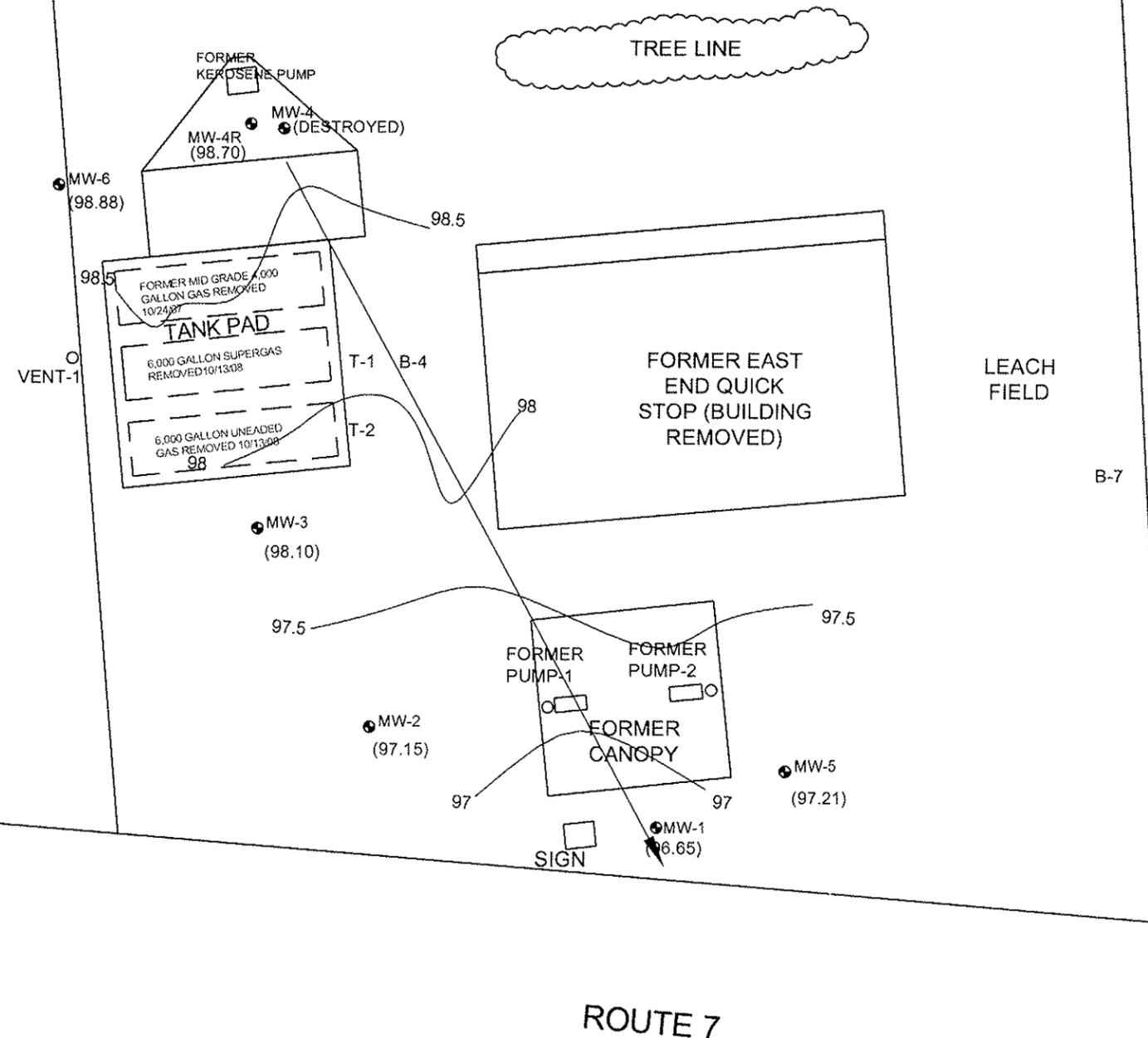
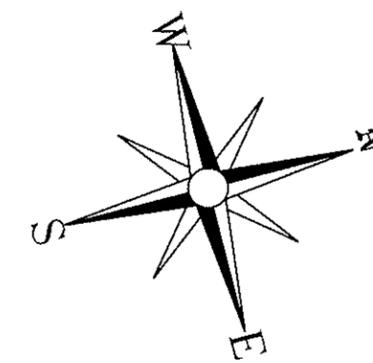
**The Verterre Group**  
414 Roosevelt Highway - Suite 200  
Colchester, Vermont 05446 - (802) 654-8663

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APPROVED BY:	MR
DATE:	9/25/07
SCALE:	1" = 20'
Verterre Project #07-035	

FIGURE 2



REV.	DATE	DESCRIPTION	BY



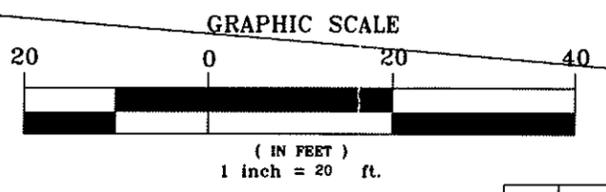
**VERTERRE LEGEND**

- MW-1 = EXISTING MONITORING WELL
- ⊙ EXISTING SEWER
- (97.21) GROUNDWATER ELEVATION AS MEASURED ON APRIL 6, 2009
- 95' GROUNDWATER CONTOUR FROM DATA COLLECTED ON APRIL 6, 2009
- ↘ GROUNDWATER FLOW DIRECTION

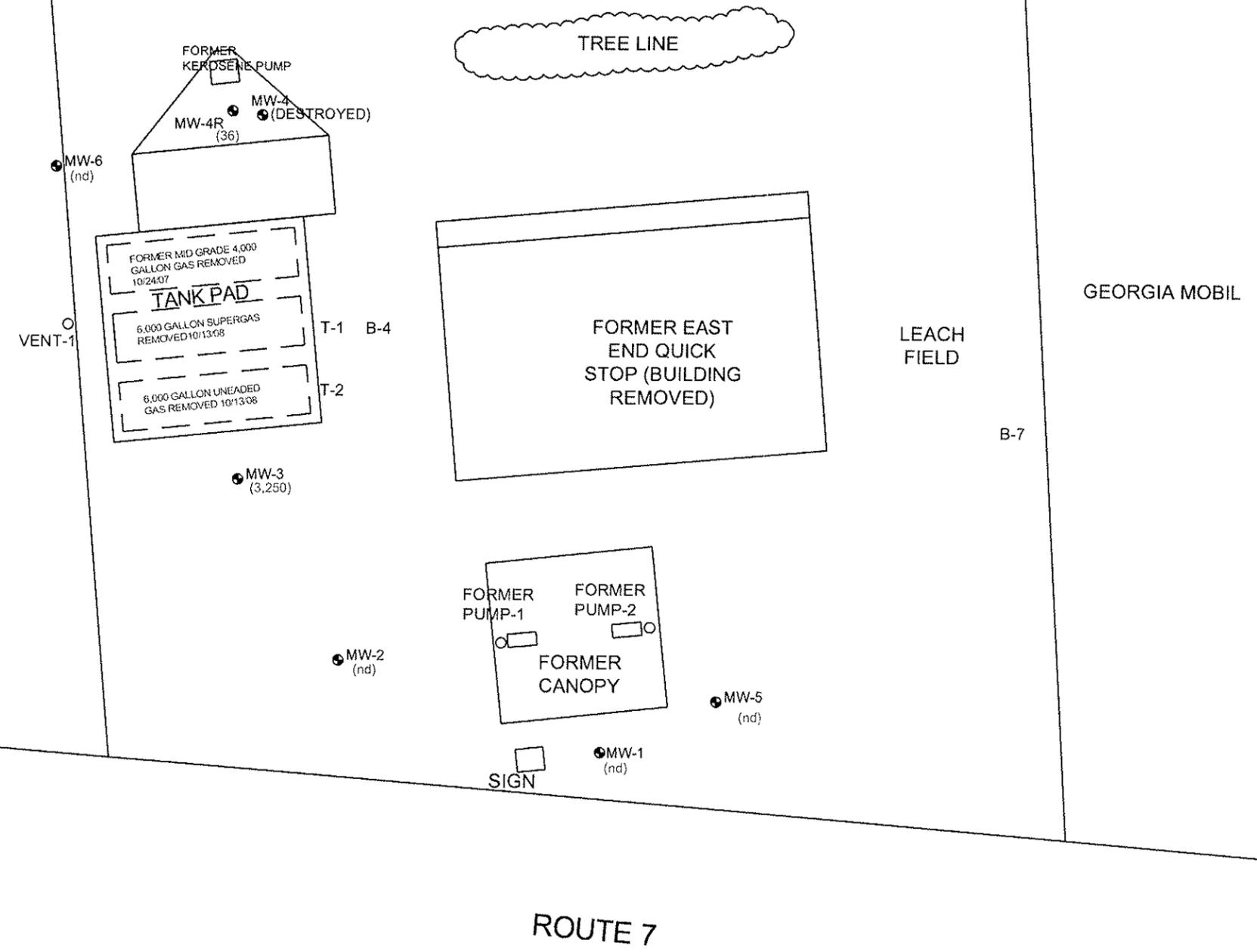
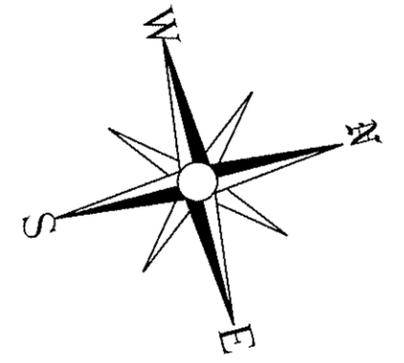
**EAST END QUICK STOP  
ROUTE 7  
GEORGIA, VERMONT  
GROUNDWATER CONTOUR PLAN  
APRIL 6, 2009**

**The Verterre Group.**  
414 Roosevelt Highway - Suite 200  
Colchester, Vermont 05446 - (802) 654-8663

DRAWN BY:	ESC
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DATE:	11/19/08
SCALE:	1" = 20'
Verterre Project #07-035	
FIGURE 3	

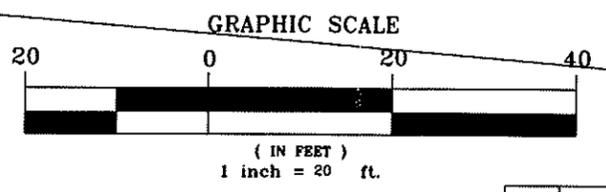


REV.	DATE	DESCRIPTION	BY



**VERTERRE LEGEND**

- MW-1 = EXISTING MONITORING WELL
- ⊙ EXISTING SEWER
- (41) TOTAL CONCENTRATION OF COC'S IN UNITS OF ug/l AS MEASURED ON APRIL 6, 2009.
- (ND) NOT DETECTED
- (NS) NOT SAMPLED



<b>EAST END QUICK STOP ROUTE 7 GEORGIA, VERMONT CONTAMINANTS OF CONCERN APRIL 6, 2009</b>															
<p><b>The Verterre Group.</b> 414 Roosevelt Highway - Suite 200 Colchester, Vermont 05446 - (802) 654-8663</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="font-size: small;">DRAWN BY:</td><td>ESC</td></tr> <tr><td style="font-size: small;">CHECKED BY:</td><td>MR</td></tr> <tr><td style="font-size: small;">REVISED BY:</td><td>SC</td></tr> <tr><td style="font-size: small;">DATE:</td><td>11/19/08</td></tr> <tr><td style="font-size: small;">SCALE:</td><td>1" = 20'</td></tr> <tr><td style="font-size: small;">Verterre Project #</td><td>07-035</td></tr> <tr><td style="font-size: small;">FIGURE</td><td>4</td></tr> </table>	DRAWN BY:	ESC	CHECKED BY:	MR	REVISED BY:	SC	DATE:	11/19/08	SCALE:	1" = 20'	Verterre Project #	07-035	FIGURE	4
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Verterre Project #	07-035														
FIGURE	4														

REV.	DATE	DESCRIPTION	BY

# *Tables*



*The Verterre Group*  
*Environmental Scientists and Field Services*

TABLE 1

SUMMARY OF GROUNDWATER ELEVATIONS  
 East End Quick Stop  
 Georgia, Vermont  
 Spill # 2007WMD400  
 April 6, 2009

Well Identification	Top of Riser Elev. (ft.)	Depth to Product (ft.)	Depth to Water (ft.)	Depth of Well (ft.)	Thickness of Water Column (ft.)	Water Table Elev. (ft.)
MW-1	98.87	ND	2.22	6.40	4.18	96.65
MW-2	99.25	ND	2.10	4.68	2.58	97.15
MW-3	99.82	ND	1.72	8.08	6.36	98.10
MW-4R	100.35	ND	1.65	9.18	7.53	98.70
MW-5	98.96	ND	1.75	7.03	5.28	97.21
MW-6	100.44	ND	1.56	8.04	6.48	98.88
<b>Average depth to water is 1.83 feet.</b>						

Notes:

1. Elevation data are referenced to a TBM and are in units of feet.
2. ND - Not detected.
3. NM - Not measured.
4. Measurements recorded are referenced to a marking on top of PVC riser for each well. Units are in feet.
5. Depth to fluid measurements were obtained using a Solinst Interface Probe.

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TABLE 2  
 SUMMARY OF GROUNDWATER QUALITY  
 East End Quick Stop  
 Georgia, VT  
 Spill #2007WMD400  
 April 6, 2009

Compound	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE	Trimethylbenzenes (135 & 124)	Dichlorodifluoro methane	n-Propyl benzene	sec Butyl benzene	Isopropyl benzene	4 Isopropyl toluene	Naphthalene	Total COC
Sample ID	Concentration (ug/l)												
MW-1	<2	<2	<2	<4	<2	<4	<2	<2	<2	<2	<2	<5	nd
MW-2	<2	<2	<2	<4	<2	<4	<2	<2	<2	<2	<2	<5	nd
MW-3	<b>610</b>	430	660	960	<2	<b>444</b>	17	68	<2	32	<2	<b>29</b>	3,250
MW-4R	4	<2	2	9	<2	5	<2	<2	2	3	3	8	36
MW-5	<2	<2	<2	<4	<2	<4	<2	<2	<2	<2	<2	<5	nd
MW-6	<2	<2	<2	<4	<2	<4	<2	<2	<2	<2	<2	<5	nd
DUP-1	2	<2	<2	5	<2	12	<2	2	2	<2	<2	7	30
Field Blank	<2	<2	<2	<4	<2	<4	<2	<2	<2	<2	<2	<5	nd
VGES	5.0	1,000	700	10,000	40	350	1000	ne	ne	ne	ne	20	ne

**Relative Percent Difference**

RPD for total COCs between MW-4R and DUP-1 were not calculated as results were <10 X MDL

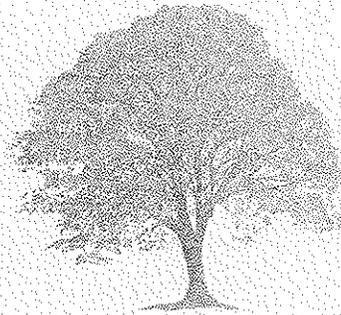
**Notes:**

1. VGES - Vermont Groundwater Enforcement Standard.
2. ne - VGES not established.
3. Bold and *italic* numbers indicate concentrations that exceed VGES / VWQS.
4. DUP-1 Duplicate sample of monitoring well MW-4R. Collected for Quality Assurance/Quality Control.
5. All samples were analyzed for VOC's via US EPA Method 8260.
6. ns - not sampled, nd - not detected, nt - not tested
7. COC - Contaminants of concern.

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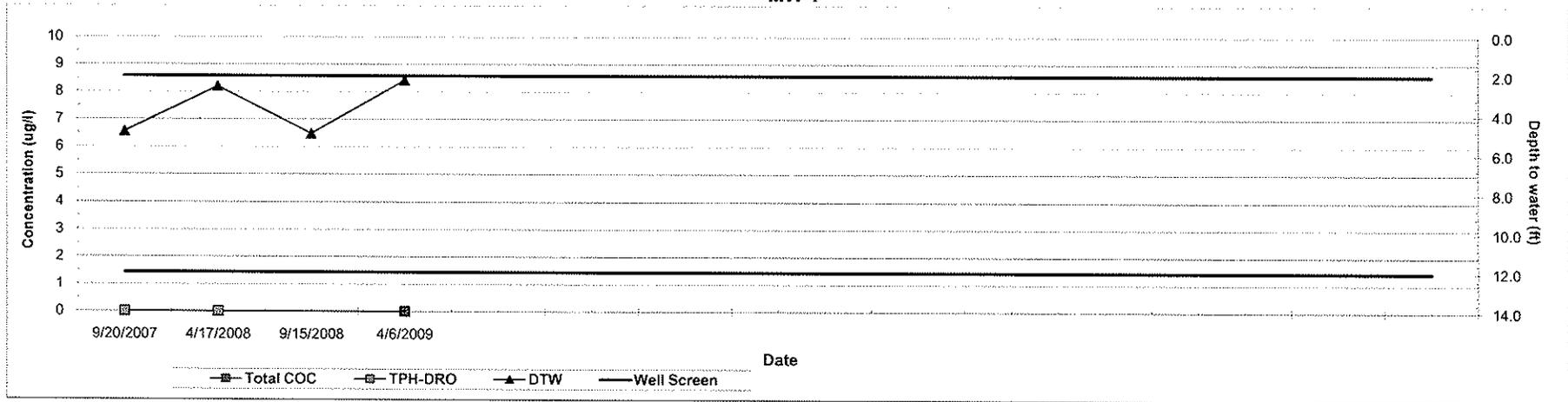
# *Appendix A*



*The Verterre Group*  
*Environmental Scientists and Field Services*

## Groundwater Quality and Elevation Trend Analysis

East End Quick Stop  
Georgia, Vermont  
Spill 2007WMD400  
MW-1



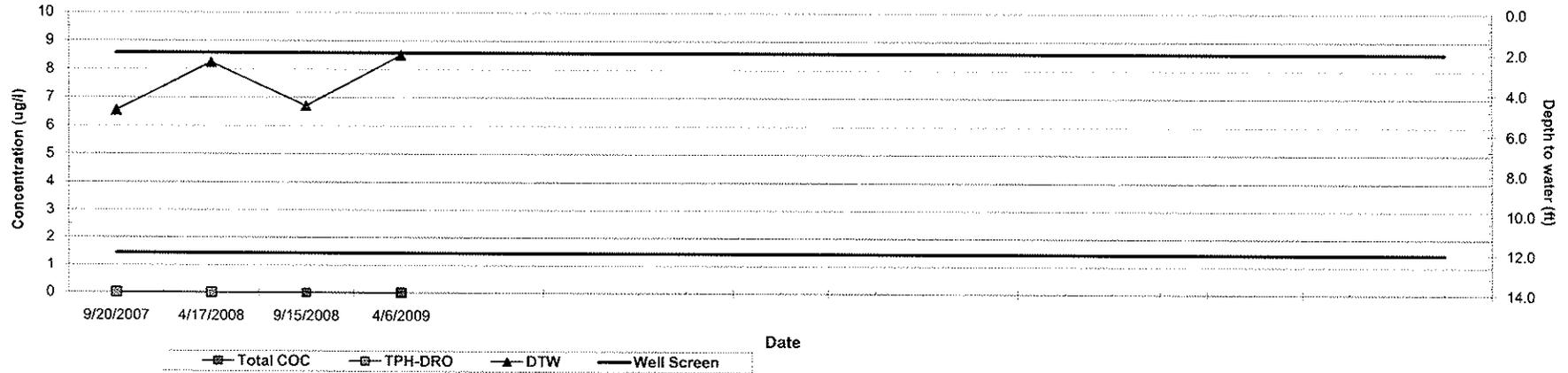
Compound	9/20/2007	4/17/2008	9/15/2008	4/6/2009										
Benzene	<2	<2	ns	<2										
Toluene	<2	<2	ns	<2										
Ethylbenzene	<2	<2	ns	<2										
Total Xylenes	<4	<4	ns	<4										
MTBE	<2	<2	ns	<2										
TMBs (124 & 135)	<4	<4	ns	<4										
Dichlorodifluoromethane	<2	<2	ns	<2										
Naphthalene	<5	<5	ns	<5										
<b>Total COC</b>	<b>ND</b>	<b>ND</b>	<b>ns</b>	<b>ND</b>										
<b>TPH-DRO</b>	<b>&lt;280</b>	<b>&lt;210</b>	<b>ns</b>	<b>nt</b>										
<b>DTW</b>	<b>4.82</b>	<b>2.53</b>	<b>4.93</b>	<b>2.22</b>										

- Notes:**
- VOCs were analyzed using EPA Method 8260 or 8021B. TPH-DRO was analyzed using method 8015.
  - Concentrations are in units of micrograms per liter (ug/l) or parts per billion (ppb).
  - DTW - Depth to water measured using a Solinst interface probe as referenced to the top of PVC riser.
  - nd - Compound not detected above method detection limit. Summation in spreadsheet yields 0; however, actual concentration may be between zero and the method detection limit.  
nt - not tested.  
fp - free product.
  - Wide lines on graph indicate top and bottom of well screen.

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## Groundwater Quality and Elevation Trend Analysis

East End Quick Stop  
Georgia, Vermont  
Spill 2007WMD400  
MW-2



Compound	9/20/2007	4/17/2008	9/15/2008	4/6/2009										
Benzene	<2	<2	<2	<2										
Toluene	<2	<2	<2	<2										
Ethylbenzene	<2	<2	<2	<2										
Total Xylenes	<4	<4	<4	<4										
MTBE	<2	<2	<2	<2										
TMBs (124 & 135)	<4	<4	<4	<4										
Dichlorodifluoromethane	<2	<2	<2	<2										
Naphthalene	<5	<5	<5	<5										
<b>Total COC</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>	<b>ND</b>										
<b>TPH-DRO</b>	<b>&lt;220</b>	<b>&lt;200</b>	<b>nt</b>	<b>nt</b>										
<b>DTW</b>	<b>4.83</b>	<b>2.46</b>	<b>4.61</b>	<b>2.10</b>										

**Notes:**

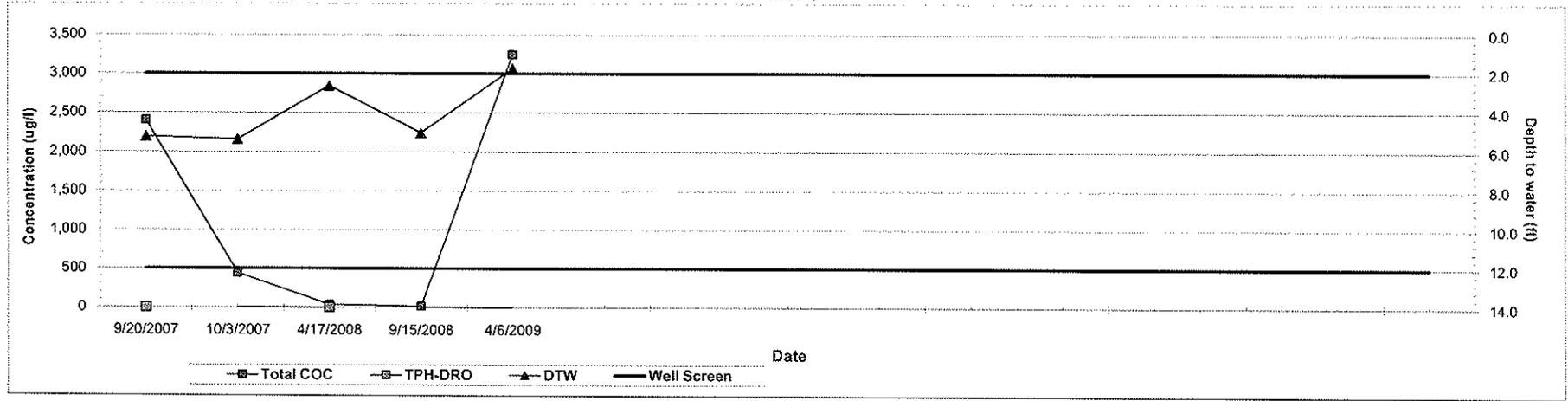
- VOCs were analyzed using EPA Method 8260 or 8021B. TPH-DRO was analyzed using method 8015.
- Concentrations are in units of micrograms per liter (ug/l) or parts per billion (ppb).
- DTW - Depth to water measured using a Solinst interface probe as referenced to the top of PVC riser.
- nd - Compound not detected above method detection limit. Summation in spreadsheet yields 0; however, actual concentration may be between zero and the method detection limit.  
nt - not tested.  
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- Wide lines on graph indicate top and bottom of well screen.

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## Groundwater Quality and Elevation Trend Analysis

East End Quick Stop  
Georgia, Vermont  
Spill 2007WMD400  
MW-3



Compound	9/20/2007	10/3/2007	4/17/2008	9/15/2008	4/6/2009									
Benzene	<20	<20	2	<2	610									
Toluene	<20	<20	<2	<2	430									
Ethylbenzene	<20	<20	2	<2	660									
Total Xylenes	<40	<40	7	<4	960									
MTBE	<20	<20	<2	<2	<2									
TMBs (124 & 135)	<40	<70	3	<4	440									
Dichlorodifluoromethane	2,400	440	26	19	17									
Naphthalene	<50	<50	<5	<5	29									
<b>Total COC</b>	<b>2,400</b>	<b>440</b>	<b>40</b>	<b>19</b>	<b>3,250</b>									
<b>TPH-DRO</b>	<b>&lt;230</b>	<b>nt</b>	<b>&lt;200</b>	<b>nt</b>	<b>nt</b>									
<b>DTW</b>	<b>5.21</b>	<b>5.35</b>	<b>2.62</b>	<b>5.02</b>	<b>1.72</b>									

**Notes:**

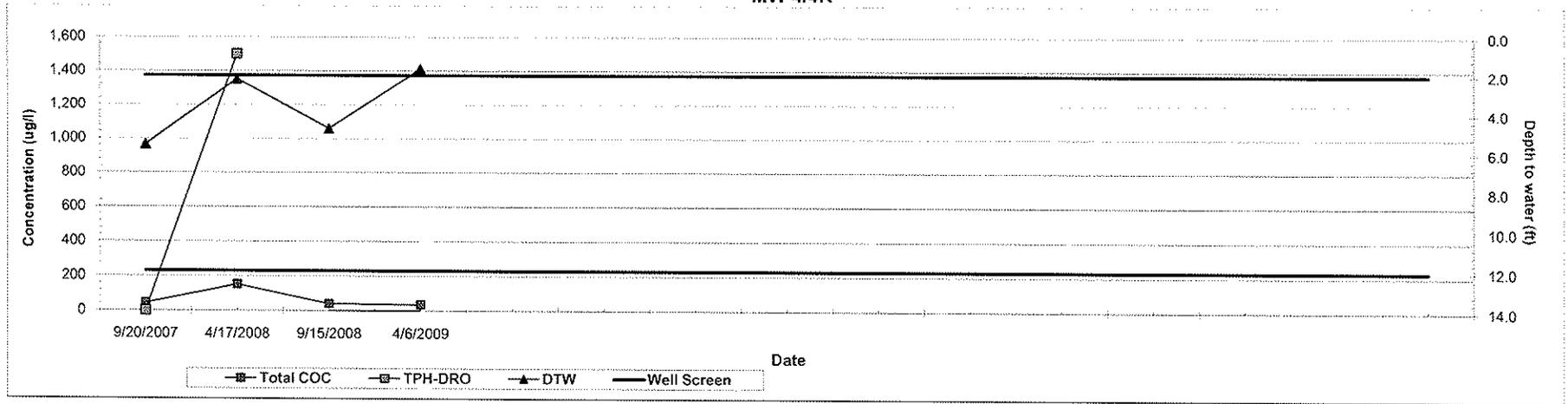
- VOCs were analyzed using EPA Method 8260 or 8021B. TPH-DRO was analyzed using method 8015.
- Concentrations are in units of micrograms per liter (ug/l) or parts per billion (ppb).
- DTW - Depth to water measured using a Solinst interface probe as referenced to the top of PVC riser.
- nd - Compound not detected above method detection limit. Summation in spreadsheet yields 0; however, actual concentration may be between zero and the method detection limit.  
nt - not tested.  
fp - free product.
- Wide lines on graph indicate top and bottom of well screen.

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## Groundwater Quality and Elevation Trend Analysis

East End Quick Stop  
Georgia, Vermont  
Spill 2007WMD400  
MW-4/4R



Compound	9/20/2007	4/17/2008	9/15/2008	4/6/2009										
Benzene	<2	5	<2	4										
Toluene	<2	5	<2	<2										
Ethylbenzene	3	6	3	2										
Total Xylenes	14	14	3	9										
MTBE	<2	<2	<2	<2										
TMBs (124 & 135)	18	30	20	5										
Dichlorodifluoromethane	<2	<2	<2	<2										
Naphthalene	5	8	7	8										
<b>Total COC</b>	<b>43</b>	<b>152</b>	<b>41</b>	<b>36</b>										
<b>TPH-DRO</b>	<b>&lt;270</b>	<b>1,500</b>	<b>nt</b>	<b>nt</b>										
<b>DTW</b>	<b>5.55</b>	<b>2.17</b>	<b>4.74</b>	<b>1.65</b>										

**Notes:**

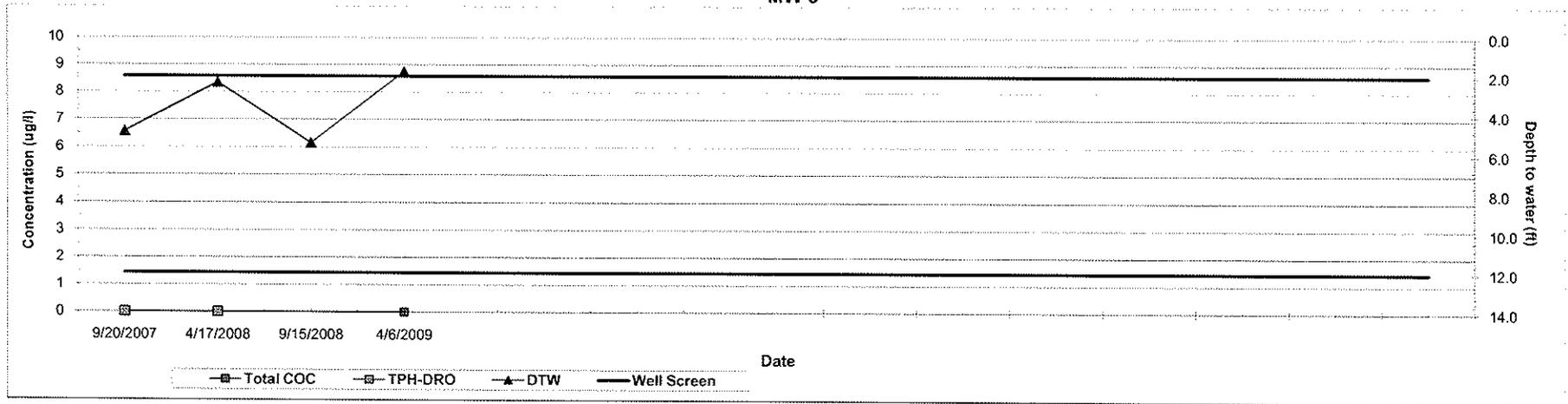
1. VOCs were analyzed using EPA Method 8260 or 8021B. TPH-DRO was analyzed using method 8015.
2. Concentrations are in units of micrograms per liter (ug/l) or parts per billion (ppb).
3. DTW - Depth to water measured using a Solinst interface probe as referenced to the top of PVC riser.
4. nd - Compound not detected above method detection limit. Summation in spreadsheet yields 0; however, actual concentration may be between zero and the method detection limit.  
nt - not tested.  
fp - free product.
5. Wide lines on graph indicate top and bottom of well screen.

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## Groundwater Quality and Elevation Trend Analysis

East End Quick Stop  
Georgia, Vermont  
Spill 2007WMD400  
MW-5



Compound	9/20/2007	4/17/2008	9/15/2008	4/6/2009										
Benzene	<2	<2	ns	<2										
Toluene	<2	<2	ns	<2										
Ethylbenzene	<2	<2	ns	<2										
Total Xylenes	<4	<4	ns	<4										
MTBE	<2	<2	ns	<2										
TMBs (124 & 135)	<4	<4	ns	<4										
Dichlorodifluoromethane	<2	<2	ns	<2										
Naphthalene	<5	<5	ns	<5										
<b>Total COC</b>	<b>ND</b>	<b>ND</b>	<b>ns</b>	<b>ND</b>										
<b>TPH-DRO</b>	<b>&lt;280</b>	<b>&lt;220</b>	<b>ns</b>	<b>nt</b>										
<b>DTW</b>	<b>4.81</b>	<b>2.32</b>	<b>5.39</b>	<b>1.75</b>										

**Notes:**

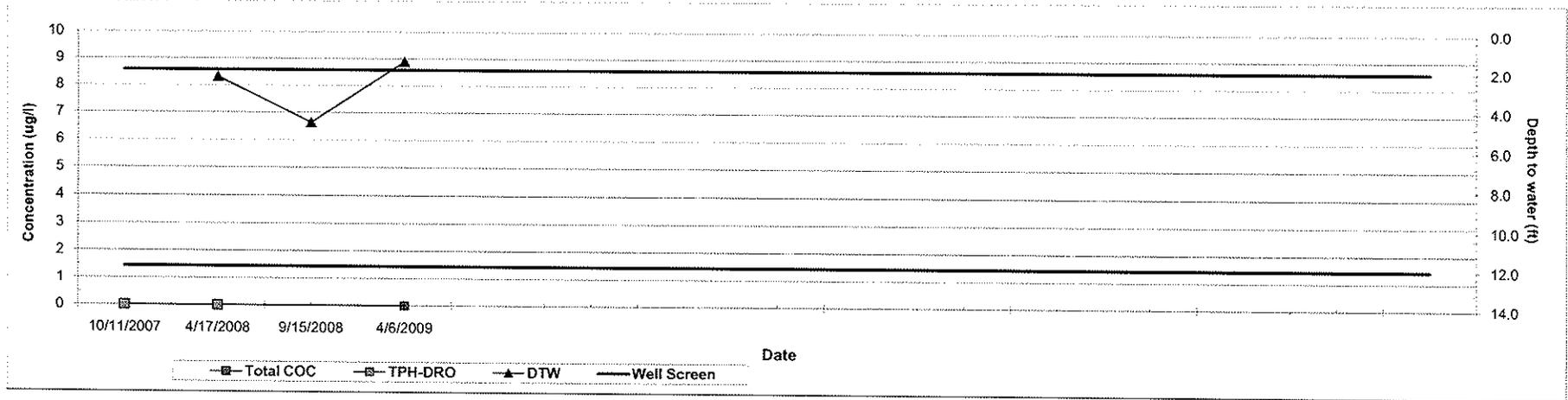
- VOCs were analyzed using EPA Method 8260 or 8021B. TPH-DRO was analyzed using method 8015.
- Concentrations are in units of micrograms per liter (ug/l) or parts per billion (ppb).
- DTW - Depth to water measured using a Solinst interface probe as referenced to the top of PVC riser.
- nd - Compound not detected above method detection limit. Summation in spreadsheet yields 0; however, actual concentration may be between zero and the method detection limit.  
nt - not tested.  
fp - free product.
- Wide lines on graph indicate top and bottom of well screen.

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## Groundwater Quality and Elevation Trend Analysis

East End Quick Stop  
Georgia, Vermont  
Spill 2007WMD400  
MW-6



Compound	10/11/2007	4/17/2008	9/15/2008	4/6/2009										
Benzene	<2	<2	ns	<2										
Toluene	<2	<2	ns	<2										
Ethylbenzene	<2	<2	ns	<2										
Total Xylenes	<4	<4	ns	<4										
MTBE	<2	<2	ns	<2										
TMBs (124 & 135)	<4	<4	ns	<4										
Dichlorodifluoromethane	nt	<2	ns	<2										
Naphthalene	<5	<5	ns	<5										
Total COC	ND	ND	ns	ND										
TPH-DRO	<210	<210	ns	nt										
DTW		2.36	4.71	1.56										

- Notes:**
- VOCs were analyzed using EPA Method 8260 or 8021B. TPH-DRO was analyzed using method 8015.
  - Concentrations are in units of micrograms per liter (ug/l) or parts per billion (ppb).
  - DTW - Depth to water measured using a Solinst interface probe as referenced to the top of PVC riser.
  - nd - Compound not detected above method detection limit. Summation in spreadsheet yields 0; however, actual concentration may be between zero and the method detection limit.  
nt - not tested.  
fp - free product.
  - Wide lines on graph indicate top and bottom of well screen.

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# *Attachment 1*



*The Verterre Group*  
*Environmental Scientists and Field Services*

# Laboratory Report

---

## Resource Laboratories, LLC

124 Heritage Avenue #10 Portsmouth, NH 03801

Martha Roy  
The Verterre Group  
414 Roosevelt Highway  
Suite 200  
Colchester, VT 05446

PO Number: None  
LabID: 16422  
Date Received: 4/7/09

Project: 07035 East End

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

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

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

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

Sincerely,  
Resource Laboratories, LLC

  
\_\_\_\_\_

Susan Sylvester  
Principal, General Manager

4/15/09

Date

Total number of pages

18

### Resource Laboratories, LLC Certifications

New Hampshire 1732  
Maine NH903

Massachusetts M-NH902

**RL** Resource Laboratories, LLC

Voice: 603-436-2001 Fax: 603-430-2100  
www.reslabs.com

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-001

Sample ID: MW-1

Matrix: Water

Sampled: 4/6/09 10:52

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
acetone	< 50	50	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
chloroform	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
benzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
toluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
ethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
m&p-xylenes	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
o-xylene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-001

Sample ID: MW-1

Matrix: Water

Sampled: 4/6/09 10:52

Parameter	Result	Quant	Units	Instr Dil'n	Analyst	Prep Date	Batch	Analysis		Reference
		Limit		Factor				Date	Time	
styrene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
bromoform	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
isopropylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
n-propylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2,4-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
sec-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
4-isopropyltoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
naphthalene	< 5	5	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	98	78-114	%	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
toluene-D8 SUR	99	88-110	%	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	
4-bromofluorobenzene SUR	95	86-115	%	1	AJD	0900807	4/12/09	18:06	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-002

Sample ID: MW-2

Matrix: Water

Sampled: 4/6/09 11:26

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
acetone	< 50	50	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
chloroform	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
benzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
toluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
ethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
m&p-xylenes	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
o-xylene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-002

Sample ID: MW-2

Matrix: Water

Sampled: 4/6/09 11:26

Parameter	Result	Quant Limit	Instr Dil'n		Analyst	Prep Date	Analysis			Reference
			Units	Factor			Batch	Date	Time	
styrene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
bromoform	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
isopropylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
n-propylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2,4-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
sec-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
4-isopropyltoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
naphthalene	< 5	5	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	101	78-114	%	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
toluene-D8 SUR	101	88-110	%	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	
4-bromofluorobenzene SUR	90	86-115	%	1	AJD	0900807	4/12/09	18:37	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-003

Sample ID: MW-3

Matrix: Water

Sampled: 4/6/09 10:58

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
dichlorodifluoromethane	17	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
acetone	< 50	50	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
chloroform	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
benzene	610	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
toluene	430	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
ethylbenzene	660	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
m&p-xylenes	780	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
o-xylene	180	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-003

Sample ID: MW-3

Matrix: Water

Sampled: 4/6/09 10:58

Parameter	Result	Quant Limit	Instr Dil'n		Analyst	Prep Date	Analysis			Reference
			Units	Factor			Batch	Date	Time	
styrene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
bromoform	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
isopropylbenzene	32	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
n-propylbenzene	68	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,3,5-trimethylbenzene	64	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2,4-trimethylbenzene	380	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
sec-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
4-isopropyltoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
naphthalene	29	5	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	95	78-114	%	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
toluene-D8 SUR	102	88-110	%	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	
4-bromofluorobenzene SUR	99	86-115	%	1	AJD	0900807	4/12/09	22:13	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-004

Sample ID: MW-4R

Matrix: Water

Sampled: 4/6/09 11:13

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
acetone	< 50	50	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
chloroform	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
benzene	4	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
toluene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
ethylbenzene	2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
m&p-xylenes	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
o-xylene	9	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-004

Sample ID: MW-4R

Matrix: Water

Sampled: 4/6/09 11:13

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
styrene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
bromoform	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
isopropylbenzene	3	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
n-propylbenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2,4-trimethylbenzene	5	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
sec-butylbenzene	2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
4-isopropyltoluene	3	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
naphthalene	8	5	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	97	78-114	%	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
toluene-D8 SUR	95	88-110	%	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	
4-bromofluorobenzene SUR	97	86-115	%	1	LMM	0900837	4/14/09	16:47	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-005

Sample ID: MW-5

Matrix: Water

Sampled: 4/6/09 10:47

Parameter	Result	Quant Limit	Units	Instr Dil'n		Analyst	Prep Date	Analysis		Reference
				Factor				Batch	Date Time	
dichlorodifluoromethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
chloromethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
vinyl chloride	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
bromomethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
chloroethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
trichlorofluoromethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
diethyl ether	< 10	10	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
acetone	< 50	50	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,1-dichloroethene	< 1	1	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
methylene chloride	< 5	5	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
carbon disulfide	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
trans-1,2-dichloroethene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,1-dichloroethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
2-butanone (MEK)	< 10	10	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
2,2-dichloropropane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
cis-1,2-dichloroethene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
chloroform	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
bromochloromethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
tetrahydrofuran (THF)	< 10	10	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,1,1-trichloroethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,1-dichloropropene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
carbon tetrachloride	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,2-dichloroethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
benzene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
trichloroethene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,2-dichloropropane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
bromodichloromethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
dibromomethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
cis-1,3-dichloropropene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
toluene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
trans-1,3-dichloropropene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
2-hexanone	< 10	10	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,1,2-trichloroethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,3-dichloropropane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
tetrachloroethene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
dibromochloromethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,2-dibromoethane (EDB)	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
chlorobenzene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
ethylbenzene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
m&p-xylenes	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B
o-xylene	< 2	2	ug/L	1		AJD	0900807	4/12/09	19:08	SW5030B8260B

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-005

Sample ID: MW-5

Matrix: Water

Sampled: 4/6/09 10:47

Parameter	Result	Quant Limit	Instr Dil'n		Analyst	Prep Date	Analysis			Reference
			Units	Factor			Batch	Date	Time	
styrene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
bromoform	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
isopropylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
n-propylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,2,4-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
sec-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
4-isopropyltoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
naphthalene	< 5	5	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	101	78-114	%	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
toluene-D8 SUR	101	88-110	%	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	
4-bromofluorobenzene SUR	92	86-115	%	1	AJD	0900807	4/12/09	19:08	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-006

Sample ID: MW-6

Matrix: Water

Sampled: 4/6/09 11:05

Parameter	Result	Quant Limit	Instr Dil'n		Analyst	Prep Date	Analysis			Reference
			Units	Factor			Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
acetone	< 50	50	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
chloroform	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
benzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
toluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
ethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
m&p-xylenes	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	
o-xylene	< 2	2	ug/L	1	AJD	0900807	4/12/09	19:39	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-006

Sample ID: MW-6

Matrix: Water

Sampled: 4/6/09 11:05

Parameter	Result	Quant	Units	Instr	Dil'n	Analyst	Prep	Analysis		
		Limit		Factor	Date		Batch	Date	Time	Reference
styrene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
bromoform	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
isopropylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,1,2,2-tetrachloroethane	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,2,3-trichloropropane	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
n-propylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
bromobenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,3,5-trimethylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
2-chlorotoluene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
4-chlorotoluene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
tert-butylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,2,4-trimethylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
sec-butylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,3-dichlorobenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
4-isopropyltoluene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,4-dichlorobenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,2-dichlorobenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
n-butylbenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,2,4-trichlorobenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
hexachlorobutadiene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
naphthalene	< 5	5	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
1,2,3-trichlorobenzene	< 2	2	ug/L		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	100	78-114	%		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
toluene-D8 SUR	102	88-110	%		1	AJD	0900807	4/12/09	19:39	SW5030B8260B
4-bromofluorobenzene SUR	93	86-115	%		1	AJD	0900807	4/12/09	19:39	SW5030B8260B

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-007

Sample ID: Dup-1

Matrix: Water

Sampled: 4/6/09 11:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
acetone	< 50	50	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
chloroform	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
benzene	2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
toluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
ethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
m&p-xylenes	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
o-xylene	5	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-007

Sample ID: Dup-1

Matrix: Water

Sampled: 4/6/09 11:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
styrene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
bromoform	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
isopropylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
n-propylbenzene	2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,3,5-trimethylbenzene	2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2,4-trimethylbenzene	10	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
sec-butylbenzene	2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
4-isopropyltoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
naphthalene	7	5	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	96	78-114	%	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
toluene-D8 SUR	101	88-110	%	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	
4-bromofluorobenzene SUR	99	86-115	%	1	AJD	0900807	4/12/09	23:15	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-008

Sample ID: F.B.

Matrix: Water

Sampled: 4/6/09 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
dichlorodifluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
chloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
vinyl chloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
bromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
chloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
trichlorofluoromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
diethyl ether	< 10	10	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
acetone	< 50	50	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1-dichloroethene	< 1	1	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
methylene chloride	< 5	5	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
carbon disulfide	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
methyl t-butyl ether (MTBE)	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
trans-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
2-butanone (MEK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
2,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
cis-1,2-dichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
chloroform	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
bromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
tetrahydrofuran (THF)	< 10	10	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1,1-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
carbon tetrachloride	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2-dichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
benzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
trichloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
bromodichloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
dibromomethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
4-methyl-2-pentanone (MIBK)	< 10	10	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
cis-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
toluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
trans-1,3-dichloropropene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
2-hexanone	< 10	10	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1,2-trichloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,3-dichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
tetrachloroethene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
dibromochloromethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2-dibromoethane (EDB)	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
chlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1,1,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
ethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
m&p-xylenes	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
o-xylene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	

Project ID: 07035 East End

Lab ID: 16422

Lab Number: 16422-008

Sample ID: F.B.

Matrix: Water

Sampled: 4/6/09 10:30

Parameter	Result	Quant Limit	Units	Instr Dil'n Factor	Analyst	Prep Date	Analysis			Reference
							Batch	Date	Time	
styrene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
bromoform	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
isopropylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,1,2,2-tetrachloroethane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2,3-trichloropropane	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
n-propylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
bromobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,3,5-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
2-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
4-chlorotoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
tert-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2,4-trimethylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
sec-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,3-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
4-isopropyltoluene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,4-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2-dichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
n-butylbenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2-dibromo-3-chloropropane (DBCP)	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2,4-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
hexachlorobutadiene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
naphthalene	< 5	5	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
1,2,3-trichlorobenzene	< 2	2	ug/L	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
<b>Surrogate Recovery</b>		<b>Limits</b>								
dibromofluoromethane SUR	99	78-114	%	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
toluene-D8 SUR	101	88-110	%	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	
4-bromofluorobenzene SUR	90	86-115	%	1	AJD	0900807	4/12/09	15:35	SW5030B8260B	

# RL Resource Laboratories, LLC

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## CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

### ANALYSIS REQUEST

Company Name: The Vertec Group Phone #: 802-654-8063  
 Company Address: 414 Roosevelt Highway Colchester, VT 05466 Project Info: NH MA ME  VT  
 Report To: Martha Roy Project Name: East End  
 Invoice To: Same. Project #: 07035  
 Protocol: RCRA SDWA NPDES MCP NHDES OTHER

<input checked="" type="checkbox"/> VOC 8260	<input type="checkbox"/> VOC 8260 NHDES	<input type="checkbox"/> VOC 8260 MADEP
<input type="checkbox"/> VOC 624	<input type="checkbox"/> VOC BTEX	<input type="checkbox"/> MDE, only
<input type="checkbox"/> VPH MADEP	<input type="checkbox"/> MEGRO	<input type="checkbox"/> GRO
<input type="checkbox"/> VOC 524.2	<input type="checkbox"/> VOC 524.2 NH List	
<input type="checkbox"/> TPH	<input type="checkbox"/> CRO 8015	<input type="checkbox"/> MEDRO
<input type="checkbox"/> 8270PAH	<input type="checkbox"/> 8270ABN	<input type="checkbox"/> 625
<input type="checkbox"/> 8082 PCB	<input type="checkbox"/> 8081 Pesticides	<input type="checkbox"/> 808 Pesticides
<input type="checkbox"/> O&G 1691	<input type="checkbox"/> Mineral O&G SWS520F	
<input type="checkbox"/> pH	<input type="checkbox"/> 800	<input type="checkbox"/> Conductivity
<input type="checkbox"/> TSS	<input type="checkbox"/> TDS	<input type="checkbox"/> TS
<input type="checkbox"/> RCRA Metals	<input type="checkbox"/> Priority Pollutant Metals	<input type="checkbox"/> TAL Metals
<input type="checkbox"/> Total Metals-list		
<input type="checkbox"/> Dissolved Metals-list		
<input type="checkbox"/> Ammonia	<input type="checkbox"/> COD	<input type="checkbox"/> TRN
<input type="checkbox"/> T-Phosphorus	<input type="checkbox"/> Phenol	
<input type="checkbox"/> Cyanide	<input type="checkbox"/> Sulfide	
<input type="checkbox"/> Nitrate	<input type="checkbox"/> Nitrite	<input type="checkbox"/> Cr6
<input type="checkbox"/> Chloride	<input type="checkbox"/> Bromide	<input type="checkbox"/> Chloride
<input type="checkbox"/> Ignitability/FP	<input type="checkbox"/> Reactivity S-	<input type="checkbox"/> Ignitability/FP
<input type="checkbox"/> TCLP Metals	<input type="checkbox"/> TCLP VOC	<input type="checkbox"/> TCLP SVOC
<input type="checkbox"/> TCLP Pesticide	<input type="checkbox"/> TCLP Herbicides	

Lab Sample ID (Lab Use Only)	Field ID	# CONTAINERS	Matrix			Preservation Method					Sampling			
			WATER	SOLID	OTHER	HCl	HNO3	H2SO4	NaOH	MeOH	OTHER (Specify)	DATE	TIME	SAMPLER*
16422-01	MW-1	2	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>						4/6/09	10:52	SC
-02	MW-2												11:26	
-03	MW-3												10:58	
-04	MW-4												11:13	
-05	MW-5												10:47	
-06	MW-6												11:05	
-07	DW-1												11:30	
-08	F.B.												10:30	

**TAT REQUESTED**  
 Priority (24 hr)   
 Expedited (48 hr)   
 10 Business Days   
 Date Needed: 5 Day

\* See www.reslabs.com for sample acceptance policy and current accreditation lists.  
 E-Mail Address: \_\_\_\_\_  
 Quote #: \_\_\_\_\_  
 PO #: \_\_\_\_\_

**SPECIAL INSTRUCTIONS**

**REPORTING INSTRUCTIONS**  
 FAX  OTHER (specify) \_\_\_\_\_  
 PDF  Excel Spreadsheet

RECEIVED ON ICE  YES  NO  
 TEMPERATURE 3 °C

<b>CUSTODY RECORD</b>	Relinquished by Sampler: <u>[Signature]</u>	Date: <u>4/6/09</u> Time: <u>15:00</u>	Received by: _____	Date: _____ Time: _____
	Relinquished by: _____	Date: _____ Time: _____	Received by: _____	Date: _____ Time: _____
	Relinquished by: <u>UPS</u>	Date: _____ Time: _____	Received by Laboratory: <u>[Signature]</u>	Date: <u>4/7/09</u> Time: <u>12:00</u>