N96095.AR.000688
NWIRP CALVERTON
5090.3a

Environmental Construction Operation & Remediation

ECOR Solutions, Inc.
1075 Andrew Drive, Suite I
West Chester, PA 19380
(484) 887-7510
(484) 887-7517 (fax)

November 25, 2008

Attn: Ms. Lora Fly
Commanding Officer
NAVFAC Midlant
9742 Maryland Ave.
Building N-26, Room 3208
Norfolk, VA 23511-3095

Re: **LIMITED GROUNDWATER INVESTIGATION**
SITE 7 – FORMER FUEL DEPOT AREA
FORMER NAVAL WEAPONS INDUSTRIAL RESERVE PLANT – CALVERTON, NEW YORK

Dear Ms. Fly,

In July 2008, ECOR Solutions, Inc. (ECOR) was tasked by NAVFAC MIDLANT (Navy) with performing a limited groundwater investigation at the former fuel storage depot (Site 7), at the former Naval Weapons Industrial Reserve Plant (NWIRP) in Calverton, New York (**Figure 1**). The investigation involved the use of direct-push drilling methods to reach the water table and collection of grab groundwater samples from 16 boreholes.

Based on historic levels of COC at Site 7, it was determined by Tetra Tech NUS (TtNUS) that the area of investigation would be south and east of soil vapor extraction (SVE) wells SV-2 and SV-4. Groundwater analytical data obtained during the investigation will be used to assess levels of constituents of concern (COC) including benzene, toluene, ethylbenzene, total xylenes (collectively BTEX), naphthalene, and trichlorotrifluoroethane (freon 113) in the area of the investigation.

ECOR contracted a New York-licensed well driller, Delta Well & Pump Co, Ronkonkoma, New York (Delta) to install the boreholes using direct-push methods. On October 2nd and 3rd 2008, ECOR oversaw Delta install 16 temporary groundwater sampling boreholes (**Figure 2**). Twelve of the boreholes were located in an area covered by a 12-inch thick concrete pad and required coring a 2-inch diameter borehole through the concrete prior to pushing the drill rods to depth. Each borehole was advanced to approximately five feet into the water table, which was about 20 feet below land surface (bls) at that time. When the total depth of the borehole was reached, a retractable well point screen was opened to allow groundwater to flow into the drill rods. Then, disposable tubing equipped with a check valve was inserted into the drill rods and a grab groundwater sample was collected by ECOR via hand-pumping the tubing. After the groundwater sample was collected, the tubing and drill rods were removed from the borehole and the borehole was backfilled with granular bentonite to land surface. Where boreholes were located on concrete, the top of the borehole was backfilled with cement. Between sample locations all non-disposable equipment was decontaminated using a soap and water wash followed by a water rinse.

All groundwater samples were sent under proper chain-of-custody to a National Environmental Laboratory Accreditation Conference (NELAC)-certified laboratory,

All groundwater samples were sent under proper chain-of-custody to a National Environmental Laboratory Accreditation Conference (NELAC)-certified laboratory, Analytical Laboratory Services, Inc, Middletown, Pennsylvania (ALSI), for analysis of select volatile organic compounds (VOC) by United States Environmental Protection Agency (USEPA) method 8260B.

A summary of the analytical laboratory results is given in **Table 1**. A Compound Distribution Map associated with the October 2008 limited groundwater investigation is presented in **Figure 2**. A copy of the original groundwater laboratory analytical data package is provided as **Appendix A**.

Summary and Conclusions

The analytical results of the grab groundwater samples indicate that the highest levels of VOCs detected are located in the area near SV-2 with lower levels near SV-4. These levels correspond to areas of the site that are outside the influence of the existing air sparge (AS)/SVE system.

All samples along the southern fence line and southeast portion of the area of the site were either below laboratory method detection limits (MDLs) or below the New York State Department of Health (NYSDOH) groundwater criteria for a sole-source drinking water aquifer. This indicates that the extent of groundwater impact does not reach the southern fence line.

Freon 113 was detected in only one sample (GP-2) at an estimated concentration of 0.97 micrograms per liter (μg/L). This indicates that the groundwater impacted by freon 113 is isolated to the area near SV-11.

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Table 1 Summary of Groundwater Analytical Results – October 2008

LIST OF FIGURES

Figure 1 Site Location Map
Figure 2 Sample Location and Compound Distribution Map – October 2008

LIST OF APPENDICES

Appendix A – Groundwater Laboratory Analytical Data Package

If you have any questions or require any further information concerning this report, I may be reached at 484.887.7510 ext 206 or by email at streetsmith@ecor-solutions.com.

Respectfully Submitted,
ECOR Solutions, Inc

David Streetsmith, P.G.
Project Manager

Cc: Mr. David Brayack (Tetra Tech NUS)
ECOR Project File

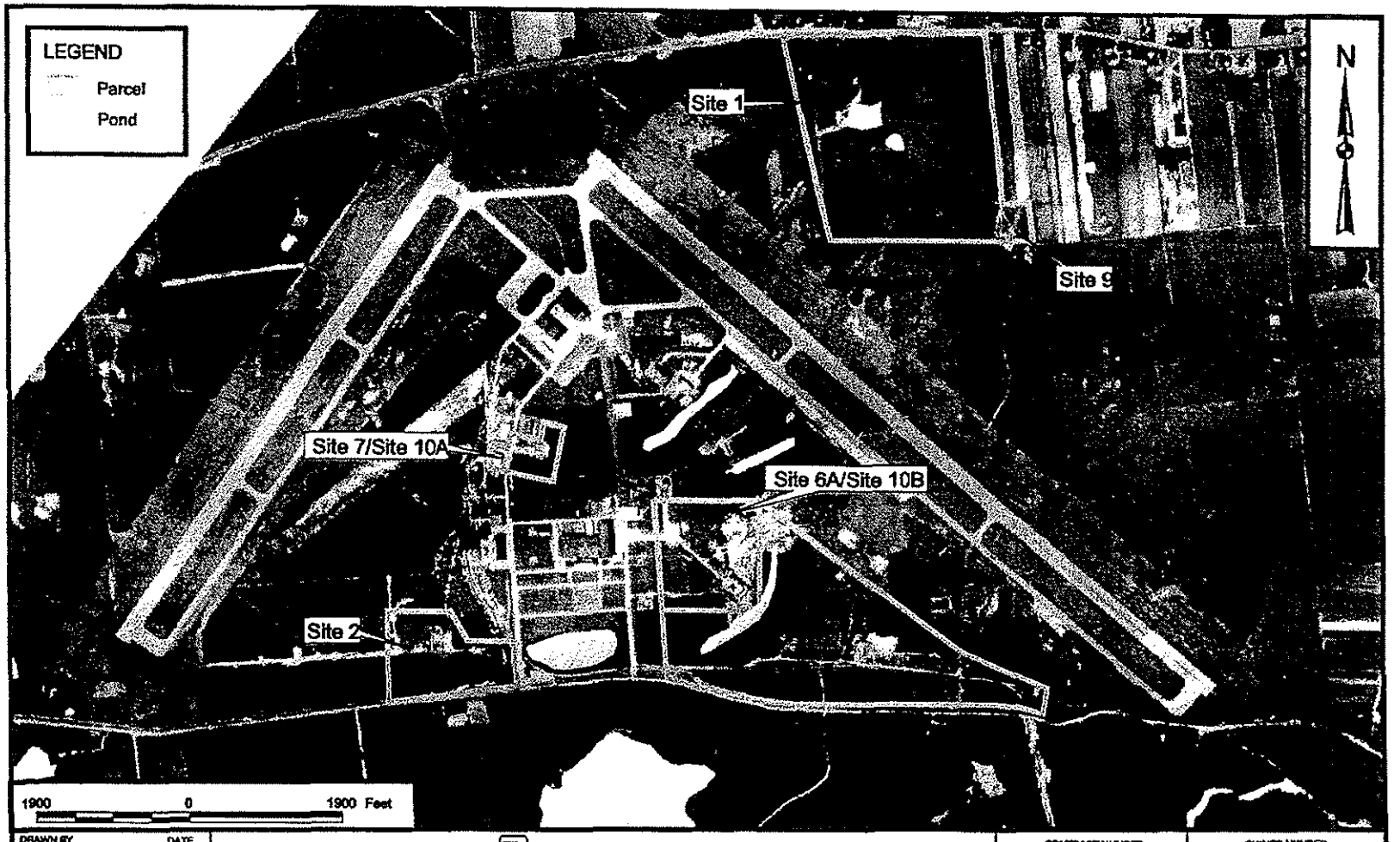
TABLES

Table 1
Summary of Groundwater Analytical Results – October 2008
NWIRP Calverton, NY

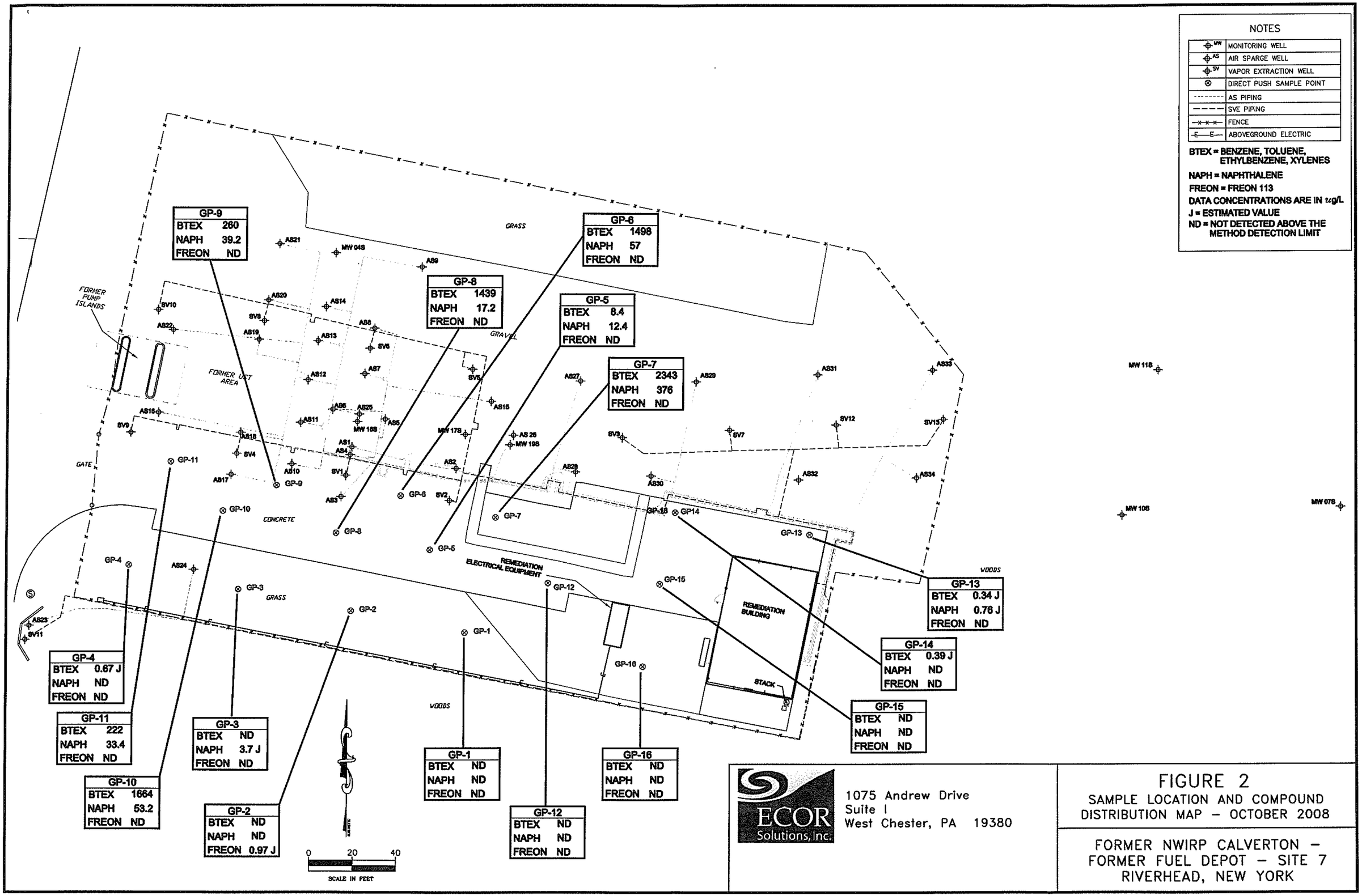
Constituent	Clean Up Criteria	GP-1	GP-2	GP-3	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	GP-10	GP-11	GP-12	GP-13	GP-14	GP-15	GP-16
		10/2/2008	10/2/2008	10/2/2008	10/2/2008	10/2/2008	10/3/2008	10/2/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008	10/3/2008
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	5	ND	ND	ND	ND	ND	4.1 J	1.3 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	ND	1.9	**164**	**242**	**99.4**	**19.8**	**104**	**16.2**	ND	ND	ND	ND	ND
Total Xylenes	5	ND	ND	ND	ND	**6.5**	**1330**	**2100**	**1340**	**240**	**1560**	**206**	ND	ND	ND	ND	ND
Naphthalene	10	ND	ND	3.7 J	ND	**12.4**	**57.0**	**376**	**17.2**	**39.2**	**53.2**	**33.4**	ND	0.76 J	ND	ND	ND
Freon 113	5	ND	0.97 J	ND	0.67 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
All values presented in micrograms per liter (µg/L)
ND - not detected above laboratory detection limit
J - Estimated value
Bold values exceed the C lean Up Criteria
Clean Up Criteria = New York State Department of Health (NYSDOH) clean-up criteria for a sole-source drinking water aquifer

FIGURES



DRAWN BY J. LAMEY	DATE 11/22/98	Tetra Tech NUS, Inc.	CONTRACT NUMBER 7396 / OWNER NUMBER —
CHECKED BY —	DATE —	SITE LOCATION MAP NWIRP CALVERTON, NEW YORK	APPROVED BY — / DATE —
COST/SCHEDULE-AREA			APPROVED BY — / DATE —
SCALE AS NOTED			DRAWING NO. FIGURE 1. / REV 0


NOTES
MONITORING WELL
AIR SPARGE WELL
VAPOR EXTRACTION WELL
DIRECT PUSH SAMPLE POINT
AS PIPING
SVE PIPING
FENCE
ABOVEGROUND ELECTRIC
BTEX = BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
NAPH = NAPHTHALENE
FREON = FREON 113
DATA CONCENTRATIONS ARE IN ug/L
J = ESTIMATED VALUE
ND = NOT DETECTED ABOVE THE METHOD DETECTION LIMIT
GP-9 BTEX 260 NAPH 39.2 FREON ND
GP-8 BTEX 1439 NAPH 17.2 FREON ND
GP-6 BTEX 1498 NAPH 57 FREON ND
GP-5 BTEX 8.4 NAPH 12.4 FREON ND
GP-7 BTEX 2343 NAPH 376 FREON ND
GP-13 BTEX 0.34 J NAPH 0.76 J FREON ND
GP-14 BTEX 0.39 J NAPH ND FREON ND
GP-15 BTEX ND NAPH ND FREON ND
GP-4 BTEX 0.67 J NAPH ND FREON ND
GP-11 BTEX 222 NAPH 33.4 FREON ND
GP-10 BTEX 1664 NAPH 53.2 FREON ND
GP-3 BTEX ND NAPH 3.7 J FREON ND
GP-2 BTEX ND NAPH ND FREON 0.97 J
GP-1 BTEX ND NAPH ND FREON ND
GP-12 BTEX ND NAPH ND FREON ND
GP-16 BTEX ND NAPH ND FREON ND
GRASS
GRAVEL
FORMER PUMP ISLANDS
FORMER UST AREA
GATE
CONCRETE
REMEDIATION ELECTRICAL EQUIPMENT
REMEDIATION BUILDING
STACK
WOODS
MW 118
MW 108
MW 078
0 20 40
SCALE IN FEET
ECOR Solutions, Inc.
1075 Andrew Drive
Suite I
West Chester, PA 19380
FIGURE 2
SAMPLE LOCATION AND COMPOUND DISTRIBUTION MAP – OCTOBER 2008
FORMER NWIRP CALVERTON – FORMER FUEL DEPOT – SITE 7
RIVERHEAD, NEW YORK

APPENDICES

APPENDIX A
Groundwater Laboratory Analytical Data Package

ANALYTICAL LABORATORY SERVICES, INC.

www.analyticallab.com
NELAP Accredited
PA 22-293 NJ PA010

ACCREDITED IN ACCORDANCE WITH nelac

34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

Certificate of Analysis

Project Name:	**CALVERTON, NY PROJECT-rev**	Workorder:	**9757525**
Purchase Order:	**N0150.201**	Workorder ID:	**ECW024|NWIRP Calverton**

Mr. Matt Lapp
ECOR Solutions
21 South High Street
2nd Floor
West Chester, PA 19382

October 15, 2008

Dear Mr. Lapp,

Enclosed are the analytical results for samples received by the laboratory on Friday, October 03, 2008

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at www.analyticallab.com for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

Anna G Milliken
Laboratory Manager

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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PA 22-293 NJ PA010
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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

SAMPLE SUMMARY

Workorder: 9757525 ECW024|NWIRP Calverton

Discard Date: 10/29/2008

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9757525001	GP-1	Ground Water	10/2/08 10:45	10/3/08 09:03	Matt Lapp
9757525002	GP-2	Ground Water	10/2/08 11:30	10/3/08 09:03	Matt Lapp
9757525003	GP-3	Ground Water	10/2/08 12:15	10/3/08 09:03	Matt Lapp
9757525004	GP-4	Ground Water	10/2/08 14:00	10/3/08 09:03	Matt Lapp
9757525005	GP-7	Ground Water	10/2/08 14:40	10/3/08 09:03	Matt Lapp
9757525006	GP-5	Ground Water	10/2/08 15:15	10/3/08 09:03	Matt Lapp

Workorder Comments:

Notes

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525001** Date Collected: 10/2/2008 10:45 Matrix: Ground Water

Sample ID: **GP-1** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/13/08 21:40	JAH	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/13/08 21:40	JAH	A
Acrolein	ND		ug/L	25	SW846 8260B			10/13/08 21:40	JAH	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/13/08 21:40	JAH	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/13/08 21:40	JAH	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/13/08 21:40	JAH	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A

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PA 22-293 NJ PA010
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525001** Date Collected: 10/2/2008 10:45 Matrix: Ground Water

Sample ID: **GP-1** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/13/08 21:40	JAH	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
Hexachloroethane	ND	1	ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/13/08 21:40	JAH	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/13/08 21:40	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/13/08 21:40	JAH	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/13/08 21:40	JAH	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
Octane	ND		ug/L	3.0	SW846 8260B			10/13/08 21:40	JAH	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/13/08 21:40	JAH	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/13/08 21:40	JAH	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525001** Date Collected: 10/2/2008 10:45 Matrix: Ground Water
Sample ID: **GP-1** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/13/08 21:40	JAH	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/13/08 21:40	JAH	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/13/08 21:40	JAH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	112		%	62-133	SW846 8260B			10/13/08 21:40	JAH	A
4-Bromofluorobenzene (S)	92		%	79-114	SW846 8260B			10/13/08 21:40	JAH	A
Dibromofluoromethane (S)	93		%	78-116	SW846 8260B			10/13/08 21:40	JAH	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B			10/13/08 21:40	JAH	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525002** Date Collected: 10/2/2008 11:30 Matrix: Ground Water

Sample ID: **GP-2** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/13/08 22:10	JAH	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/13/08 22:10	JAH	A
Acrolein	ND		ug/L	25	SW846 8260B			10/13/08 22:10	JAH	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/13/08 22:10	JAH	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/13/08 22:10	JAH	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Carbon Disulfide	0.63J		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/13/08 22:10	JAH	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525002** Date Collected: 10/2/2008 11:30 Matrix: Ground Water
Sample ID: **GP-2** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/13/08 22:10	JAH	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Freon 113	0.97J		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Heptane	0.96J		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
Hexachloroethane	ND	1	ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
2-Hexanone	1.4J		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/13/08 22:10	JAH	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/13/08 22:10	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
p-Isopropyltoluene	0.37J		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/13/08 22:10	JAH	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Methyl cyclohexane	1.7		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/13/08 22:10	JAH	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
Octane	ND		ug/L	3.0	SW846 8260B			10/13/08 22:10	JAH	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/13/08 22:10	JAH	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/13/08 22:10	JAH	A
n-Propylbenzene	0.36J		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525002** Date Collected: 10/2/2008 11:30 Matrix: Ground Water
Sample ID: **GP-2** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
1,2,4-Trimethylbenzene	0.44J		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/13/08 22:10	JAH	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:10	JAH	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:10	JAH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B			10/13/08 22:10	JAH	A
4-Bromofluorobenzene (S)	94		%	79-114	SW846 8260B			10/13/08 22:10	JAH	A
Dibromofluoromethane (S)	92		%	78-116	SW846 8260B			10/13/08 22:10	JAH	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B			10/13/08 22:10	JAH	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525003** Date Collected: 10/2/2008 12:15 Matrix: Ground Water

Sample ID: **GP-3** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	50.0	SW846 8260B			10/13/08 23:42	JAH	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/13/08 23:42	JAH	A
Acrolein	ND		ug/L	125	SW846 8260B			10/13/08 23:42	JAH	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/13/08 23:42	JAH	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/13/08 23:42	JAH	A
n-Butylbenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
tert-Butylbenzene	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
sec-Butylbenzene	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/13/08 23:42	JAH	A
Chloroform	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Cyclohexane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525003** Date Collected: 10/2/2008 12:15 Matrix: Ground Water
Sample ID: **GP-3** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/13/08 23:42	JAH	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Ethylbenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Heptane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
Hexachloroethane	ND	1	ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Hexane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/13/08 23:42	JAH	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/13/08 23:42	JAH	A
Isopropylbenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
p-Isopropyltoluene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/13/08 23:42	JAH	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Methyl cyclohexane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Naphthalene	3.7J		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/13/08 23:42	JAH	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
Octane	ND		ug/L	15.0	SW846 8260B			10/13/08 23:42	JAH	A
Pentane	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/13/08 23:42	JAH	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/13/08 23:42	JAH	A
n-Propylbenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525003** Date Collected: 10/2/2008 12:15 Matrix: Ground Water
Sample ID: **GP-3** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
Toluene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Total Xylenes	ND		ug/L	15.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/13/08 23:42	JAH	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
o-Xylene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:42	JAH	A
mp-Xylene	ND		ug/L	10.0	SW846 8260B			10/13/08 23:42	JAH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	118		%	62-133	SW846 8260B			10/13/08 23:42	JAH	A
4-Bromofluorobenzene (S)	97		%	79-114	SW846 8260B			10/13/08 23:42	JAH	A
Dibromofluoromethane (S)	94		%	78-116	SW846 8260B			10/13/08 23:42	JAH	A
Toluene-d8 (S)	100		%	76-127	SW846 8260B			10/13/08 23:42	JAH	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525004** Date Collected: 10/2/2008 14:00 Matrix: Ground Water
Sample ID: **GP-4** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/13/08 22:41	JAH	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/13/08 22:41	JAH	A
Acrolein	ND		ug/L	25	SW846 8260B			10/13/08 22:41	JAH	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/13/08 22:41	JAH	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/13/08 22:41	JAH	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Carbon Disulfide	0.19J		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/13/08 22:41	JAH	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525004** Date Collected: 10/2/2008 14:00 Matrix: Ground Water

Sample ID: **GP-4** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/13/08 22:41	JAH	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Freon 113	0.67J		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
Hexachloroethane	ND	1	ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/13/08 22:41	JAH	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/13/08 22:41	JAH	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/13/08 22:41	JAH	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/13/08 22:41	JAH	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
Octane	ND		ug/L	3.0	SW846 8260B			10/13/08 22:41	JAH	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/13/08 22:41	JAH	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/13/08 22:41	JAH	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525004** Date Collected: 10/2/2008 14:00 Matrix: Ground Water

Sample ID: **GP-4** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/13/08 22:41	JAH	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/13/08 22:41	JAH	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/13/08 22:41	JAH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	113		%	62-133	SW846 8260B			10/13/08 22:41	JAH	A
4-Bromofluorobenzene (S)	93		%	79-114	SW846 8260B			10/13/08 22:41	JAH	A
Dibromofluoromethane (S)	93		%	78-116	SW846 8260B			10/13/08 22:41	JAH	A
Toluene-d8 (S)	103		%	76-127	SW846 8260B			10/13/08 22:41	JAH	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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PA 22-293 NJ PA010
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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525005** Date Collected: 10/2/2008 14:40 Matrix: Ground Water
Sample ID: **GP-7** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	50.0	SW846 8260B			10/14/08 04:49	JAH	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/14/08 04:49	JAH	A
Acrolein	ND		ug/L	125	SW846 8260B			10/14/08 04:49	JAH	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/14/08 04:49	JAH	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/14/08 04:49	JAH	A
n-Butylbenzene	14.3		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
tert-Butylbenzene	6.2J		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
sec-Butylbenzene	10.8		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/14/08 04:49	JAH	A
Chloroform	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Cyclohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525005** Date Collected: 10/2/2008 14:40 Matrix: Ground Water

Sample ID: **GP-7** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/14/08 04:49	JAH	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Ethylbenzene	242		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Heptane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
Hexachloroethane	ND	1	ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Hexane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/14/08 04:49	JAH	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/14/08 04:49	JAH	A
Isopropylbenzene	25.5		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
p-Isopropyltoluene	21.4		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/14/08 04:49	JAH	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Methyl cyclohexane	5.3		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Naphthalene	376		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/14/08 04:49	JAH	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
Octane	15.6		ug/L	15.0	SW846 8260B			10/14/08 04:49	JAH	A
Pentane	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/14/08 04:49	JAH	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/14/08 04:49	JAH	A
n-Propylbenzene	30.5		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525005** Date Collected: 10/2/2008 14:40 Matrix: Ground Water
Sample ID: **GP-7** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
Toluene	1.3J		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Total Xylenes	2100		ug/L	15.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
1,2,4-Trimethylbenzene	405		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
1,3,5-Trimethylbenzene	140		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/14/08 04:49	JAH	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
o-Xylene	459		ug/L	5.0	SW846 8260B			10/14/08 04:49	JAH	A
mp-Xylene	1640		ug/L	10.0	SW846 8260B			10/14/08 04:49	JAH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	121		%	62-133	SW846 8260B			10/14/08 04:49	JAH	A
4-Bromofluorobenzene (S)	89		%	79-114	SW846 8260B			10/14/08 04:49	JAH	A
Dibromofluoromethane (S)	96		%	78-116	SW846 8260B			10/14/08 04:49	JAH	A
Toluene-d8 (S)	102		%	76-127	SW846 8260B			10/14/08 04:49	JAH	A

Sample Comments:

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525006** Date Collected: 10/2/2008 15:15 Matrix: Ground Water
Sample ID: **GP-5** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	6.2J		ug/L	10.0	SW846 8260B			10/13/08 23:11	JAH	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/13/08 23:11	JAH	A
Acrolein	ND		ug/L	25	SW846 8260B			10/13/08 23:11	JAH	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/13/08 23:11	JAH	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/13/08 23:11	JAH	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Carbon Disulfide	0.29J		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/13/08 23:11	JAH	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,4-Dichlorobenzene	0.21J		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525006** Date Collected: 10/2/2008 15:15 Matrix: Ground Water
Sample ID: **GP-5** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/13/08 23:11	JAH	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Ethylbenzene	1.9		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
Hexachloroethane	ND	1	ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
2-Hexanone	1.8J		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/13/08 23:11	JAH	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/13/08 23:11	JAH	A
Isopropylbenzene	0.73J		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
p-Isopropyltoluene	0.45J		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/13/08 23:11	JAH	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Naphthalene	12.4		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/13/08 23:11	JAH	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
Octane	ND		ug/L	3.0	SW846 8260B			10/13/08 23:11	JAH	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/13/08 23:11	JAH	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/13/08 23:11	JAH	A
n-Propylbenzene	0.79J		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A

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ANALYTICAL RESULTS

Workorder: 9757525 ECW024|NWIRP Calverton

Lab ID: **9757525006** Date Collected: 10/2/2008 15:15 Matrix: Ground Water
Sample ID: **GP-5** Date Received: 10/3/2008 09:03

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Total Xylenes	6.5		ug/L	3.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
1,2,4-Trimethylbenzene	1.9		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
1,3,5-Trimethylbenzene	0.21J		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/13/08 23:11	JAH	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
o-Xylene	1.8		ug/L	1.0	SW846 8260B			10/13/08 23:11	JAH	A
mp-Xylene	4.6		ug/L	2.0	SW846 8260B			10/13/08 23:11	JAH	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	120		%	62-133	SW846 8260B			10/13/08 23:11	JAH	A
4-Bromofluorobenzene (S)	96		%	79-114	SW846 8260B			10/13/08 23:11	JAH	A
Dibromofluoromethane (S)	96		%	78-116	SW846 8260B			10/13/08 23:11	JAH	A
Toluene-d8 (S)	105		%	76-127	SW846 8260B			10/13/08 23:11	JAH	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS QUALIFIERS\FLAGS

Workorder: 9757525 ECW024|NWIRP Calverton

PARAMETER QUALIFIERS\FLAGS

[1] This compound was recovered below quality control criteria in the LCS associated with this sample. The data user is cautioned that results may be biased low.

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 1
Courier: Fed EX
Tracking #: 866844743331

9757525

Co. Name: ECOR Solutions, Inc.
Contact (Report to): Matt Lapp Phone: 484-887-7510
Address: 21 S. High St 2nd Floor
West Chester, PA 19382

Bill to (if different than Report to): PO#: N0150-201

Project Name/#: NWIRP Calverton/N0150.201 ALSI Quote #:

TAT: [X] Normal-Standard TAT is 10-12 business days. Date Required:
[ ] Rush-Subject to ALSI approval and surcharges. Approved By:

Email? Y lapp@ecor-solutions.com
Fax? Y No.:

***Container Type: CG | ***Container Size: 40ml | ***Preservative: HCl

ANALYSES/METHOD REQUESTED: VOC's (8260B)

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	VOC's (8260B) — Enter Number of Containers Per Analysis
1 GP-1		10/2	10:45	G	GW	2
2 GP-2		10/2	11:30	G	GW	2
3 GP-3		10/2	12:15	G	GW	2
4 GP-4		10/2	2:00	G	GW	2
5 GP-7	Sheen observed.	10/2	2:40	G	GW	2
6 GP-5		10/2	3:15	G	GW	2
7						
8						

Receipt Information (completed by Sample Receiving)
Performed by: DKS
Cooler Temp: 4°
Therm. ID: 5702 3855
No. of Coolers:
Notes:

Correct containers? Y / N — Y
Correct sample volume? Y / N — Y
Correct preservation? Y / N — Y
Headspace/Volatiles? Y / N — N
Circle appropriate Y or N.

Custody seals Present? Y / N — N
(If present) Seals intact? Y / N
Received on Ice? Y / N — Y
COC/Labels complete/accurate? Y / N — Y
Container in good condition? Y / N — Y

SAMPLED BY (Please Print): Matt Lapp

LOGGED BY (signature): [signature] 10/3/08 1224
REVIEWED BY (signature): [signature] 100608 1038

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Matthew Lapp	10/2	3:30PM	2		
3			4 [signature]	10/3	0803
5			6		
7			8		
9			10		

Data Deliverables: [ ] Standard [ ] CLP-like [ ] NJ-Reduced [ ] NJ-Full [ ] Other
EDDs Required? [ ] If yes, format type:
SDWA Forms? yes [ ] yes [ ] yes [ ] yes [ ]
State Samples Collected In? MD [ ] NJ [ ] NY [X] PA [ ] Other
Enter PWSID #:
DOD Criteria Required?

ALSI FIELD SERVICES: [ ] Pickup [ ] Labor [ ] Composite Sampling [ ] Rental Equipment [ ] Other:

* G=Grab; C=Composite **Matrix: Al=Air; DW=Drinking Water; GW=Groundwater; Ol=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.

Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY Rev 6/07

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Certificate of Analysis

Project Name:	**CALVERTON, NY PROJECT-rev**	Workorder:	**9757703**
Purchase Order:	**N0150.201**	Workorder ID:	**ECW025|NWIRP Calverton**

Mr. Matt Lapp
ECOR Solutions
21 South High Street
2nd Floor
West Chester, PA 19382

October 17, 2008

Dear Mr. Lapp,

Enclosed are the analytical results for samples received by the laboratory on Saturday, October 04, 2008

ALSI is a National Environmental Laboratory Accreditation Conference (NELAC) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAC.

If you have any questions regarding this certificate of analysis, please contact Tonya Hironimus (Project Coordinator) or Anna G Milliken (Laboratory Manager) at (717) 944-5541.

Please visit us at www.analyticallab.com for a listing of ALSI's NELAC accreditations and Scope of Work, as well as other links to Water Quality documentation on the internet.

This laboratory report may not be reproduced, except in full, without the written approval of ALSI.

NOTE: ALSI has changed the report generation tool and while we have tried to retain the existing format, you will notice some changes in the laboratory report. Please feel free to contact ALSI in case you have any questions.

Analytical Laboratory Services, Inc.

Anna G Milliken
Laboratory Manager

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

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SAMPLE SUMMARY

Workorder: 9757703 ECW025|NWIRP Calverton

Discard Date: 10/30/2008

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
9757703001	GP-6	Ground Water	10/3/08 08:00	10/4/08 09:42	Matt Lapp
9757703002	GP-8	Ground Water	10/3/08 08:45	10/4/08 09:42	Matt Lapp
9757703003	GP-9	Ground Water	10/3/08 09:15	10/4/08 09:42	Matt Lapp
9757703004	GP-10	Ground Water	10/3/08 10:45	10/4/08 09:42	Matt Lapp
9757703005	GP-11	Ground Water	10/3/08 11:30	10/4/08 09:42	Matt Lapp
9757703006	GP-13	Ground Water	10/3/08 12:00	10/4/08 09:42	Matt Lapp
9757703007	GP-16	Ground Water	10/3/08 13:15	10/4/08 09:42	Matt Lapp
9757703008	GP-12	Ground Water	10/3/08 13:45	10/4/08 09:42	Matt Lapp
9757703009	GP-14	Ground Water	10/3/08 14:20	10/4/08 09:42	Matt Lapp
9757703010	GP-15	Ground Water	10/3/08 15:00	10/4/08 09:42	Matt Lapp

Workorder Comments:

Notes

- Samples collected by ALSI personnel are done so in accordance with the procedures set forth in the ALSI Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.

Standard Acronyms/Flags

J, B	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703001** Date Collected: 10/3/2008 08:00 Matrix: Ground Water

Sample ID: **GP-6** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	50.0	SW846 8260B			10/14/08 20:57	MES	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/14/08 20:57	MES	A
Acrolein	ND		ug/L	125	SW846 8260B			10/14/08 20:57	MES	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/14/08 20:57	MES	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/14/08 20:57	MES	A
n-Butylbenzene	17.1		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
tert-Butylbenzene	7.4J		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
sec-Butylbenzene	17.7		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/14/08 20:57	MES	A
Chloroform	1.3J		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Cyclohexane	7.0		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/14/08 20:57	MES	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703001** Date Collected: 10/3/2008 08:00 Matrix: Ground Water

Sample ID: **GP-6** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/14/08 20:57	MES	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Ethylbenzene	164		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Heptane	23.1		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
Hexachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Hexane	4.8J		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/14/08 20:57	MES	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/14/08 20:57	MES	A
Isopropylbenzene	47.2		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
p-Isopropyltoluene	27.7		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/14/08 20:57	MES	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Methyl cyclohexane	32.9		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Naphthalene	57.0		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/14/08 20:57	MES	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
Octane	28.9		ug/L	15.0	SW846 8260B			10/14/08 20:57	MES	A
Pentane	5.8J		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/14/08 20:57	MES	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/14/08 20:57	MES	A
n-Propylbenzene	64.1		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703001** Date Collected: 10/3/2008 08:00 Matrix: Ground Water
Sample ID: **GP-6** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
Toluene	4.1J		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Total Xylenes	1330		ug/L	15.0	SW846 8260B			10/14/08 20:57	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
1,2,4-Trimethylbenzene	502		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
1,3,5-Trimethylbenzene	198		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/14/08 20:57	MES	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
o-Xylene	405		ug/L	5.0	SW846 8260B			10/14/08 20:57	MES	A
mp-Xylene	930		ug/L	10.0	SW846 8260B			10/14/08 20:57	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	84		%	62-133	SW846 8260B			10/14/08 20:57	MES	A
4-Bromofluorobenzene (S)	87		%	79-114	SW846 8260B			10/14/08 20:57	MES	A
Dibromofluoromethane (S)	88		%	78-116	SW846 8260B			10/14/08 20:57	MES	A
Toluene-d8 (S)	98		%	76-127	SW846 8260B			10/14/08 20:57	MES	A

Sample Comments:

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703002** Date Collected: 10/3/2008 08:45 Matrix: Ground Water

Sample ID: **GP-8** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	50.0	SW846 8260B			10/14/08 21:30	MES	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/14/08 21:30	MES	A
Acrolein	ND		ug/L	125	SW846 8260B			10/14/08 21:30	MES	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/14/08 21:30	MES	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/14/08 21:30	MES	A
n-Butylbenzene	13.3		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
tert-Butylbenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
sec-Butylbenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/14/08 21:30	MES	A
Chloroform	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Cyclohexane	8.3		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/14/08 21:30	MES	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703002** Date Collected: 10/3/2008 08:45 Matrix: Ground Water

Sample ID: **GP-8** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/14/08 21:30	MES	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Ethylbenzene	99.4		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Heptane	49.0		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
Hexachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Hexane	5.5		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/14/08 21:30	MES	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/14/08 21:30	MES	A
Isopropylbenzene	38.5		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
p-Isopropyltoluene	35.4		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/14/08 21:30	MES	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Methyl cyclohexane	31.7		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Naphthalene	17.2		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/14/08 21:30	MES	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
Octane	83.0		ug/L	15.0	SW846 8260B			10/14/08 21:30	MES	A
Pentane	9.4J		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/14/08 21:30	MES	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/14/08 21:30	MES	A
n-Propylbenzene	46.3		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703002** Date Collected: 10/3/2008 08:45 Matrix: Ground Water
Sample ID: **GP-8** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
Toluene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Total Xylenes	1340		ug/L	15.0	SW846 8260B			10/14/08 21:30	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
1,2,4-Trimethylbenzene	626		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
1,3,5-Trimethylbenzene	318		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/14/08 21:30	MES	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
o-Xylene	391		ug/L	5.0	SW846 8260B			10/14/08 21:30	MES	A
mp-Xylene	945		ug/L	10.0	SW846 8260B			10/14/08 21:30	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	82		%	62-133	SW846 8260B			10/14/08 21:30	MES	A
4-Bromofluorobenzene (S)	89		%	79-114	SW846 8260B			10/14/08 21:30	MES	A
Dibromofluoromethane (S)	87		%	78-116	SW846 8260B			10/14/08 21:30	MES	A
Toluene-d8 (S)	96		%	76-127	SW846 8260B			10/14/08 21:30	MES	A

Sample Comments:

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703003** Date Collected: 10/3/2008 09:15 Matrix: Ground Water

Sample ID: **GP-9** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	50.0	SW846 8260B			10/14/08 22:04	MES	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/14/08 22:04	MES	A
Acrolein	ND		ug/L	125	SW846 8260B			10/14/08 22:04	MES	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/14/08 22:04	MES	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/14/08 22:04	MES	A
n-Butylbenzene	7.0		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
tert-Butylbenzene	3.6J		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
sec-Butylbenzene	6.2J		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/14/08 22:04	MES	A
Chloroform	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Cyclohexane	3.4J		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/14/08 22:04	MES	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703003** Date Collected: 10/3/2008 09:15 Matrix: Ground Water
Sample ID: **GP-9** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/14/08 22:04	MES	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Ethylbenzene	19.8		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Heptane	6.5		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
Hexachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Hexane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/14/08 22:04	MES	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/14/08 22:04	MES	A
Isopropylbenzene	5.8		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
p-Isopropyltoluene	22.1		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/14/08 22:04	MES	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Methyl cyclohexane	17.3		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Naphthalene	39.2		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/14/08 22:04	MES	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
Octane	22.2		ug/L	15.0	SW846 8260B			10/14/08 22:04	MES	A
Pentane	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/14/08 22:04	MES	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/14/08 22:04	MES	A
n-Propylbenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703003** Date Collected: 10/3/2008 09:15 Matrix: Ground Water
Sample ID: **GP-9** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
Toluene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Total Xylenes	240		ug/L	15.0	SW846 8260B			10/14/08 22:04	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
1,2,4-Trimethylbenzene	276		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
1,3,5-Trimethylbenzene	167		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/14/08 22:04	MES	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
o-Xylene	67.3		ug/L	5.0	SW846 8260B			10/14/08 22:04	MES	A
mp-Xylene	173		ug/L	10.0	SW846 8260B			10/14/08 22:04	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	81		%	62-133	SW846 8260B			10/14/08 22:04	MES	A
4-Bromofluorobenzene (S)	88		%	79-114	SW846 8260B			10/14/08 22:04	MES	A
Dibromofluoromethane (S)	88		%	78-116	SW846 8260B			10/14/08 22:04	MES	A
Toluene-d8 (S)	101		%	76-127	SW846 8260B			10/14/08 22:04	MES	A

Sample Comments:

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703004** Date Collected: 10/3/2008 10:45 Matrix: Ground Water
Sample ID: **GP-10** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	50.0	SW846 8260B			10/14/08 22:37	MES	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/14/08 22:37	MES	A
Acrolein	ND		ug/L	125	SW846 8260B			10/14/08 22:37	MES	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/14/08 22:37	MES	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/14/08 22:37	MES	A
n-Butylbenzene	15.5		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
tert-Butylbenzene	4.0J		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
sec-Butylbenzene	18.6		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/14/08 22:37	MES	A
Chloroform	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Cyclohexane	9.7		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/14/08 22:37	MES	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703004** Date Collected: 10/3/2008 10:45 Matrix: Ground Water
Sample ID: **GP-10** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/14/08 22:37	MES	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Ethylbenzene	104		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Heptane	51.3		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
Hexachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Hexane	4.8J		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/14/08 22:37	MES	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/14/08 22:37	MES	A
Isopropylbenzene	57.4		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
p-Isopropyltoluene	32.5		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/14/08 22:37	MES	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Methyl cyclohexane	52.3		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Naphthalene	53.2		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/14/08 22:37	MES	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
Octane	77.2		ug/L	15.0	SW846 8260B			10/14/08 22:37	MES	A
Pentane	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/14/08 22:37	MES	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/14/08 22:37	MES	A
n-Propylbenzene	73.2		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A

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34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430

ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703004** Date Collected: 10/3/2008 10:45 Matrix: Ground Water
Sample ID: **GP-10** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
Toluene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Total Xylenes	1560		ug/L	15.0	SW846 8260B			10/14/08 22:37	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
1,2,4-Trimethylbenzene	653		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
1,3,5-Trimethylbenzene	313		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/14/08 22:37	MES	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
o-Xylene	454		ug/L	5.0	SW846 8260B			10/14/08 22:37	MES	A
mp-Xylene	1110		ug/L	10.0	SW846 8260B			10/14/08 22:37	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	81		%	62-133	SW846 8260B			10/14/08 22:37	MES	A
4-Bromofluorobenzene (S)	86		%	79-114	SW846 8260B			10/14/08 22:37	MES	A
Dibromofluoromethane (S)	86		%	78-116	SW846 8260B			10/14/08 22:37	MES	A
Toluene-d8 (S)	97		%	76-127	SW846 8260B			10/14/08 22:37	MES	A

Sample Comments:

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703005** Date Collected: 10/3/2008 11:30 Matrix: Ground Water

Sample ID: **GP-11** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	65.4		ug/L	50.0	SW846 8260B			10/14/08 23:10	MES	A
Acetonitrile	ND		ug/L	100	SW846 8260B			10/14/08 23:10	MES	A
Acrolein	ND		ug/L	125	SW846 8260B			10/14/08 23:10	MES	A
Acrylonitrile	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
tert-Amyl methyl ether	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Benzene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Benzyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Bromobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Bromochloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Bromodichloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Bromoform	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Bromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
2-Butanone	ND		ug/L	50.0	SW846 8260B			10/14/08 23:10	MES	A
tert.- Butyl Alcohol	ND		ug/L	50	SW846 8260B			10/14/08 23:10	MES	A
n-Butylbenzene	9.3		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
tert-Butylbenzene	4.2J		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
sec-Butylbenzene	9.9J		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Carbon Disulfide	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Carbon Tetrachloride	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Chlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Chlorodibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Chloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
2-Chloroethylvinyl ether	ND		ug/L	15.0	SW846 8260B			10/14/08 23:10	MES	A
Chloroform	1.1J		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1-Chlorohexane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Chloromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Chloroprene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
3-Chloro-1-propene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
o-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
p-Chlorotoluene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Cyclohexane	7.8		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	35.0	SW846 8260B			10/14/08 23:10	MES	A
1,2-Dibromoethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Dibromomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
1,2-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,3-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,4-Dichlorobenzene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Dichlorodifluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,1-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,2-Dichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,1-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,2-Dichloroethene, Total	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
cis-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
trans-1,2-Dichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703005** Date Collected: 10/3/2008 11:30 Matrix: Ground Water
Sample ID: **GP-11** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,3-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
2,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,2-Dichloropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,1-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
cis-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
trans-1,3-Dichloropropene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,3-Dichloropropene, Total	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Diisobutylene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Diisopropyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,4-Dioxane	ND		ug/L	1600	SW846 8260B			10/14/08 23:10	MES	A
Ethyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Ethyl Methacrylate	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Ethyl Acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Ethyl tert-butyl ether	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Ethylbenzene	16.2		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Freon 113	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Heptane	19.5		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Hexachlorobutadiene	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
Hexachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Hexane	6.6		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
2-Hexanone	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
Iodomethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Isobutyl alcohol	ND		ug/L	375	SW846 8260B			10/14/08 23:10	MES	A
Isopropyl Alcohol	ND		ug/L	125	SW846 8260B			10/14/08 23:10	MES	A
Isopropylbenzene	9.8		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
p-Isopropyltoluene	18.5		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Methacrylonitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Methyl methacrylate	ND		ug/L	15.0	SW846 8260B			10/14/08 23:10	MES	A
Methyl acetate	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Methyl cyclohexane	52.1		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Methyl t-Butyl Ether	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
Methylene Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Naphthalene	33.4		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Nitrobenzene	ND		ug/L	500	SW846 8260B			10/14/08 23:10	MES	A
2-Nitropropane	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
Octane	65.0		ug/L	15.0	SW846 8260B			10/14/08 23:10	MES	A
Pentane	5.0J		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
n-Propanol	ND		ug/L	3000	SW846 8260B			10/14/08 23:10	MES	A
Propionitrile	ND		ug/L	50.0	SW846 8260B			10/14/08 23:10	MES	A
n-Propylbenzene	15.2		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Styrene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Tetrachloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703005** Date Collected: 10/3/2008 11:30 Matrix: Ground Water

Sample ID: **GP-11** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
Toluene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Total Xylenes	206		ug/L	15.0	SW846 8260B			10/14/08 23:10	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
1,1,1-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,1,2-Trichloroethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Trichloroethene	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Trichlorofluoromethane	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,2,3-Trichloropropane	ND		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
1,2,4-Trimethylbenzene	229		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
1,3,5-Trimethylbenzene	107		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
Vinyl Acetate	ND		ug/L	25.0	SW846 8260B			10/14/08 23:10	MES	A
Vinyl Chloride	ND		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
o-Xylene	50.5		ug/L	5.0	SW846 8260B			10/14/08 23:10	MES	A
mp-Xylene	155		ug/L	10.0	SW846 8260B			10/14/08 23:10	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	81		%	62-133	SW846 8260B			10/14/08 23:10	MES	A
4-Bromofluorobenzene (S)	88		%	79-114	SW846 8260B			10/14/08 23:10	MES	A
Dibromofluoromethane (S)	87		%	78-116	SW846 8260B			10/14/08 23:10	MES	A
Toluene-d8 (S)	97		%	76-127	SW846 8260B			10/14/08 23:10	MES	A

Sample Comments:

The GCMS volatiles analysis was performed at a dilution due to the level of target compounds.

The sample submitted for volatiles analysis contained headspace. The method requires that the samples be collected without headspace in order to prevent the loss of volatile organics. Results reported should be considered estimated.

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703006** Date Collected: 10/3/2008 12:00 Matrix: Ground Water
Sample ID: **GP-13** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	9.9J		ug/L	10.0	SW846 8260B			10/14/08 18:10	MES	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/14/08 18:10	MES	A
Acrolein	ND		ug/L	25	SW846 8260B			10/14/08 18:10	MES	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
2-Butanone	ND		ug/L	10.0	SW846 8260B			10/14/08 18:10	MES	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/14/08 18:10	MES	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/14/08 18:10	MES	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/14/08 18:10	MES	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703006** Date Collected: 10/3/2008 12:00 Matrix: Ground Water

Sample ID: **GP-13** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/14/08 18:10	MES	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
Hexachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/14/08 18:10	MES	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/14/08 18:10	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/14/08 18:10	MES	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Naphthalene	0.76J		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/14/08 18:10	MES	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
Octane	ND		ug/L	3.0	SW846 8260B			10/14/08 18:10	MES	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/14/08 18:10	MES	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 18:10	MES	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703006** Date Collected: 10/3/2008 12:00 Matrix: Ground Water

Sample ID: **GP-13** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/14/08 18:10	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
1,2,4-Trimethylbenzene	0.97J		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
1,3,5-Trimethylbenzene	0.41J		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/14/08 18:10	MES	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:10	MES	A
mp-Xylene	0.34J		ug/L	2.0	SW846 8260B			10/14/08 18:10	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	101		%	62-133	SW846 8260B			10/14/08 18:10	MES	A
4-Bromofluorobenzene (S)	88		%	79-114	SW846 8260B			10/14/08 18:10	MES	A
Dibromofluoromethane (S)	94		%	78-116	SW846 8260B			10/14/08 18:10	MES	A
Toluene-d8 (S)	95		%	76-127	SW846 8260B			10/14/08 18:10	MES	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703007** Date Collected: 10/3/2008 13:15 Matrix: Ground Water
Sample ID: **GP-16** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	15.2		ug/L	10.0	SW846 8260B			10/14/08 18:43	MES	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/14/08 18:43	MES	A
Acrolein	ND		ug/L	25	SW846 8260B			10/14/08 18:43	MES	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
2-Butanone	13.8		ug/L	10.0	SW846 8260B			10/14/08 18:43	MES	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/14/08 18:43	MES	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/14/08 18:43	MES	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/14/08 18:43	MES	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703007** Date Collected: 10/3/2008 13:15 Matrix: Ground Water

Sample ID: **GP-16** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/14/08 18:43	MES	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
Hexachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/14/08 18:43	MES	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/14/08 18:43	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/14/08 18:43	MES	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/14/08 18:43	MES	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
Octane	ND		ug/L	3.0	SW846 8260B			10/14/08 18:43	MES	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/14/08 18:43	MES	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 18:43	MES	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703007** Date Collected: 10/3/2008 13:15 Matrix: Ground Water
Sample ID: **GP-16** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/14/08 18:43	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
1,2,4-Trimethylbenzene	0.49J		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/14/08 18:43	MES	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/14/08 18:43	MES	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/14/08 18:43	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	85		%	62-133	SW846 8260B			10/14/08 18:43	MES	A
4-Bromofluorobenzene (S)	87		%	79-114	SW846 8260B			10/14/08 18:43	MES	A
Dibromofluoromethane (S)	89		%	78-116	SW846 8260B			10/14/08 18:43	MES	A
Toluene-d8 (S)	96		%	76-127	SW846 8260B			10/14/08 18:43	MES	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703008** Date Collected: 10/3/2008 13:45 Matrix: Ground Water

Sample ID: **GP-12** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	ND		ug/L	10.0	SW846 8260B			10/14/08 19:16	MES	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/14/08 19:16	MES	A
Acrolein	ND		ug/L	25	SW846 8260B			10/14/08 19:16	MES	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
2-Butanone	12.4		ug/L	10.0	SW846 8260B			10/14/08 19:16	MES	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/14/08 19:16	MES	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/14/08 19:16	MES	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/14/08 19:16	MES	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,4-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703008** Date Collected: 10/3/2008 13:45 Matrix: Ground Water

Sample ID: **GP-12** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/14/08 19:16	MES	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
Hexachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Hexane	0.56J		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/14/08 19:16	MES	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/14/08 19:16	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/14/08 19:16	MES	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/14/08 19:16	MES	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
Octane	ND		ug/L	3.0	SW846 8260B			10/14/08 19:16	MES	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/14/08 19:16	MES	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 19:16	MES	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703008** Date Collected: 10/3/2008 13:45 Matrix: Ground Water
Sample ID: **GP-12** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/14/08 19:16	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/14/08 19:16	MES	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:16	MES	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:16	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	82		%	62-133	SW846 8260B			10/14/08 19:16	MES	A
4-Bromofluorobenzene (S)	86		%	79-114	SW846 8260B			10/14/08 19:16	MES	A
Dibromofluoromethane (S)	87		%	78-116	SW846 8260B			10/14/08 19:16	MES	A
Toluene-d8 (S)	98		%	76-127	SW846 8260B			10/14/08 19:16	MES	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703009** Date Collected: 10/3/2008 14:20 Matrix: Ground Water

Sample ID: **GP-14** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	12.8		ug/L	10.0	SW846 8260B			10/14/08 19:50	MES	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/14/08 19:50	MES	A
Acrolein	ND		ug/L	25	SW846 8260B			10/14/08 19:50	MES	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
2-Butanone	18.3		ug/L	10.0	SW846 8260B			10/14/08 19:50	MES	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/14/08 19:50	MES	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/14/08 19:50	MES	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/14/08 19:50	MES	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,4-Dichlorobenzene	0.52J		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703009** Date Collected: 10/3/2008 14:20 Matrix: Ground Water

Sample ID: **GP-14** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/14/08 19:50	MES	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
Hexachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/14/08 19:50	MES	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/14/08 19:50	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/14/08 19:50	MES	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/14/08 19:50	MES	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
Octane	ND		ug/L	3.0	SW846 8260B			10/14/08 19:50	MES	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/14/08 19:50	MES	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 19:50	MES	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703009** Date Collected: 10/3/2008 14:20 Matrix: Ground Water
Sample ID: **GP-14** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/14/08 19:50	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/14/08 19:50	MES	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/14/08 19:50	MES	A
mp-Xylene	0.39J		ug/L	2.0	SW846 8260B			10/14/08 19:50	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	83		%	62-133	SW846 8260B			10/14/08 19:50	MES	A
4-Bromofluorobenzene (S)	86		%	79-114	SW846 8260B			10/14/08 19:50	MES	A
Dibromofluoromethane (S)	90		%	78-116	SW846 8260B			10/14/08 19:50	MES	A
Toluene-d8 (S)	97		%	76-127	SW846 8260B			10/14/08 19:50	MES	A

Sample Comments:

Anna G Milliken
Laboratory Manager

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703010** Date Collected: 10/3/2008 15:00 Matrix: Ground Water

Sample ID: **GP-15** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
VOLATILE ORGANICS										
Acetone	13.0		ug/L	10.0	SW846 8260B			10/14/08 20:23	MES	A
Acetonitrile	ND		ug/L	20.0	SW846 8260B			10/14/08 20:23	MES	A
Acrolein	ND		ug/L	25	SW846 8260B			10/14/08 20:23	MES	A
Acrylonitrile	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
tert-Amyl methyl ether	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Benzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Benzyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Bromobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Bromochloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Bromodichloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Bromoform	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Bromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
2-Butanone	11.6		ug/L	10.0	SW846 8260B			10/14/08 20:23	MES	A
tert.- Butyl Alcohol	ND		ug/L	10	SW846 8260B			10/14/08 20:23	MES	A
n-Butylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
tert-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
sec-Butylbenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Carbon Disulfide	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Carbon Tetrachloride	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Chlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Chlorodibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Chloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
2-Chloroethylvinyl ether	ND		ug/L	3.0	SW846 8260B			10/14/08 20:23	MES	A
Chloroform	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1-Chlorohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Chloromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Chloroprene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
3-Chloro-1-propene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
o-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
p-Chlorotoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,2-Dibromo-3-chloropropane	ND		ug/L	7.0	SW846 8260B			10/14/08 20:23	MES	A
1,2-Dibromoethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Dibromomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
trans-1,4-Dichloro-2-butene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
1,2-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,3-Dichlorobenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,4-Dichlorobenzene	0.40J		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Dichlorodifluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,1-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,2-Dichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,1-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,2-Dichloroethene, Total	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
cis-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
trans-1,2-Dichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703010** Date Collected: 10/3/2008 15:00 Matrix: Ground Water

Sample ID: **GP-15** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Dichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,3-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
2,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,2-Dichloropropane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,1-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
cis-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
trans-1,3-Dichloropropene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,3-Dichloropropene, Total	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Diisobutylene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Diisopropyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,4-Dioxane	ND		ug/L	320	SW846 8260B			10/14/08 20:23	MES	A
Ethyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Ethyl Methacrylate	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Ethyl Acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Ethyl tert-butyl ether	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Ethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Freon 113	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Heptane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Hexachlorobutadiene	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
Hexachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Hexane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
2-Hexanone	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
Iodomethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Isobutyl alcohol	ND		ug/L	75.0	SW846 8260B			10/14/08 20:23	MES	A
Isopropyl Alcohol	ND		ug/L	25.0	SW846 8260B			10/14/08 20:23	MES	A
Isopropylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
p-Isopropyltoluene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Methacrylonitrile	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Methyl methacrylate	ND		ug/L	3.0	SW846 8260B			10/14/08 20:23	MES	A
Methyl acetate	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Methyl cyclohexane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Methyl t-Butyl Ether	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
4-Methyl-2-Pentanone(MIBK)	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
Methylene Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Naphthalene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Nitrobenzene	ND		ug/L	100	SW846 8260B			10/14/08 20:23	MES	A
2-Nitropropane	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
Octane	ND		ug/L	3.0	SW846 8260B			10/14/08 20:23	MES	A
Pentane	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
n-Propanol	ND		ug/L	600	SW846 8260B			10/14/08 20:23	MES	A
Propionitrile	ND		ug/L	10.0	SW846 8260B			10/14/08 20:23	MES	A
n-Propylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Styrene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,1,1,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,1,2,2-Tetrachloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Tetrachloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A

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ANALYTICAL RESULTS

Workorder: 9757703 ECW025|NWIRP Calverton

Lab ID: **9757703010** Date Collected: 10/3/2008 15:00 Matrix: Ground Water

Sample ID: **GP-15** Date Received: 10/4/2008 09:42

Parameters	Results	Flag	Units	RDL	Method	Prepared	By	Analyzed	By	Cntr
Tetrahydrofuran	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
Toluene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Total Xylenes	ND		ug/L	3.0	SW846 8260B			10/14/08 20:23	MES	A
1,2,3-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
1,2,4-Trichlorobenzene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
1,1,1-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,1,2-Trichloroethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Trichloroethene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Trichlorofluoromethane	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,2,3-Trichloropropane	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
1,2,4-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
1,3,5-Trimethylbenzene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
Vinyl Acetate	ND		ug/L	5.0	SW846 8260B			10/14/08 20:23	MES	A
Vinyl Chloride	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
o-Xylene	ND		ug/L	1.0	SW846 8260B			10/14/08 20:23	MES	A
mp-Xylene	ND		ug/L	2.0	SW846 8260B			10/14/08 20:23	MES	A
Surrogate Recoveries	*Results*	*Flag*	*Units*	*Limits*	*Method*	*Prepared*	*By*	*Analyzed*	*By*	*Cntr*
1,2-Dichloroethane-d4 (S)	83		%	62-133	SW846 8260B			10/14/08 20:23	MES	A
4-Bromofluorobenzene (S)	86		%	79-114	SW846 8260B			10/14/08 20:23	MES	A
Dibromofluoromethane (S)	88		%	78-116	SW846 8260B			10/14/08 20:23	MES	A
Toluene-d8 (S)	95		%	76-127	SW846 8260B			10/14/08 20:23	MES	A

Sample Comments:

Anna G Milliken
Laboratory Manager

Report ID: 9757703

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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 1 of 2
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9757703

Co. Name: ECOR Solutions, Inc
Contact (Report to): Matt Lapp Phone: 484-887-7510
Address: 21 S. High St, 2nd Flr, West Chester, PA 19382

Bill to (if different than Report to): PO#: N0150-201

Project Name/#: NWIEP Calverton/N0150-201 ALSI Quote #:

TAT: [X] Normal-Standard TAT is 10-12 business days. Date Required:
[ ] Rush-Subject to ALSI approval and surcharges. Approved By:

Email? [X] Y lapp@ecor-solutions.com
Fax? Y No.:

Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	VOC's (8260B)	Enter Number of Containers Per Analysis
1 GP-6	Screen	10/3	0800	G	GW	2	
2 GP-8	First	10/3	0845	G	GW	2	
3 GP-9		10/3	0915	G	GW	2	
4 GP-10	Sheen/odor	10/3	1045	G	GW	2	
5 GP-11	detected	10/3	1130	G	GW	2	
6 GP-13		10/3	1200	G	GW	2	
7 GP-16		10/3	1315	G	GW	2	
8							

***Container Type: CG
***Container Size: 40ml
Preservative: HCl

ANALYSES/METHOD REQUESTED

Receipt Information (complete if different from Section 1)
Performed by:
Cooler Temp: 4°C
Therm. ID: 51022359
No. of Coolers:
Notes:

	1	2	3	4	5	6	7
Correct containers?	N	N	N	N	N	N	N
Correct sample volume?	Y	Y	Y	Y	Y	Y	Y
Correct preservation?			N				
Headspace/Volatiles?				N			
Circle appropriate Y or N.							
Custody seals Present?	N	N	N	N	N	N	N
(If present) Seals Intact?	Y	Y	Y	Y	Y	Y	Y
Received on Ice?			Y	Y	Y	Y	Y
COC/Labels complete/accurate?							
Container in good condition?							

SAMPLED BY (Please Print): Matt Lapp
LOGGED BY (signature): Date 10/6/05 Time 9:14
REVIEWED BY (signature): Date 10/13/05 Time 1610

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Matthew Lapp	10/3	1515	2 ALS	10/6/05	9:42
3			4		
5			6		
7			8		
9			10		

Data Deliverables: [X] Standard; [ ] CLP-like; [ ] NJ-Reduced; [ ] NJ-Full; [ ] Other
EDDs Required? [ ] If yes, format type:
SDWA Forms?: yes / yes / yes / yes
State Samples Collected in?: MD / NJ / NY [X] / PA / Other
DOD Criteria Required?
ALSI FIELD SERVICES: [ ] Pickup; [ ] Labor; [ ] Composite Sampling; [ ] Rental Equipment; [ ] Other:

* G=Grab; C=Composite ** Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY *** Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic. Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc. Rev 6/07

ANALYTICAL LABORATORY SERVICES, INC.
34 Dogwood Lane - Middletown, PA 17057 Phone: 717-944-5541 Fax: 717-944-1430
www.analyticallab.com
NELAP Accredited PA 22-293 NJ PA010
ACCREDITED IN ACCORDANCE WITH nelac

Analytical Laboratory Services, Inc.
Environmental • Industrial Hygiene • Field Services
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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT / SAMPLER. INSTRUCTIONS ON THE BACK.

Page 2 of 2
Courier: Fed Ex
Tracking #: 8668 4474 3395

975507#703

Co. Name: ECOR Solutions, Inc
Contact (Report to): Matt Lapp
Phone: 484-887-7510
Address: 21 S. High St, 2nd Flr
West chester, Pa 19382

Bill to (if different than Report to):
PO#: N0150.201

Project Name/#: NWIRP Colverton/N0150.201
ALSI Quote #:

TAT: [X] Normal-Standard TAT is 10-12 business days. [ ] Rush-Subject to ALSI approval and surcharges.
Date Required:
Approved By:

Email? [X] -Y lapp@ecor-solutions.com
Fax? [ ] -Y No.:

	Sample Description/Location (as it will appear on the lab report)	COC Comments	Sample Date	Military Time	*G or C	**Matrix	VOCs (8260B)																			
							Enter Number of Containers Per Analysis																			
1	GP-12	Screen First	10/3	1345	G	GW	2																			
2	GP-14	sheen/odor	10/3	1420	G	GW	2																			
3	GP-15	detected	10/3	1500	G	GW	2																			
4																										
5																										
6																										
7																										
8																										

Receipt Information (completed by Sample Receiver)
Personnel Initials: MJ
Cooler Temp: 4°C
Therm. ID: 5102355
No. of Cooler:
Notes:

	Correct containers?	Correct sample volume?	Correct preservation?	Headspace/Volatiles?	Circle appropriate Y or N.
	N	N	N	N	
	Y	Y	Y	Y	
	N	N	N	N	N
	Y	Y	Y	Y	Y

	Custody seals Present?	(If present) Seals intact?	Received on Ice?	COC/Labels complete/accurate?	Container in good condition?

SAMPLED BY (Please Print): Matt Lapp
LOGGED BY (signature): DATE 10/6/08 TIME 1114
REVIEWED BY (signature): DATE 101308 TIME 1610

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
1 Matthew Lapp	10/3	1515	2 ALSI	10/4	9:42
3			4		
5			6		
7			8		
9			10		

Data Deliverables: [X] Standard; [ ] CLP-like; [ ] NJ-Reduced; [ ] NJ-Full; [ ] other
EDDs Required? [ ] If yes, format type:
SDWA Forms? yes / yes / yes / yes
State Samples Collected in? MD [ ] NJ [ ] NY [X] PA [ ]
Other
DOD Criteria Required?

ALSI FIELD SERVICES: [ ] Pickup; [ ] Labor; [ ] Composite Sampling; [ ] Rental Equipment; [ ] Other:

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**Matrix: AI=Air; DW=Drinking Water; GW=Groundwater; OI=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater
Copies: WHITE - ORIGINAL CANARY - CUSTOMER COPY
***Container Type: AG-Amber Glass; CG-Clear Glass, PL-Plastic, Container Size: 250ml, 500ml, 1L, 8oz., etc. Preservative: HCl, HNO3, NaOH, etc.
Rev 6/07

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