



August 16, 2010
Ref. No. 31129-078

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Mr. Jaspal Walia
Project Manager
New York State Department of Environmental Conservation, Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999

Subject: July 2010 Groundwater Monitoring Data
New Wells MW-27 through MW-29
Leica Area C
Cheektowaga, New York
Inactive Hazardous Waste Disposal Site No. 915156

Dear Mr. Walia:

Enclosed you will find the partial data for the July 2010 groundwater sampling event for the five newly installed monitoring wells, MW-27, MW-27A, MW-28, MW-28A, and MW-29, located on Rowan Road and Preston Road at the Leica Site in Cheektowaga, New York. Included with the data is a table summarizing the data and a figure showing the well locations. A report summarizing all of the data collected for the July 2010 sampling event will be forwarded in September as previously agreed.

If you have any questions regarding this data, please feel free to call me at 801-303-0188.

Sincerely,

A handwritten signature in black ink that reads "Paul W. Martell, Jr.".

Paul W. Martell, Jr., LEP
Hydrogeologist

PWM/lhc
Enclosure
cc: J. Egan
C. Grabinski
C. O'Connor, NYSDOH



Legend

- Bedrock Wells
- Overburden Wells

DOCUMENT CONTROL NO.	PROJECT	LEICA MICROSYSTEMS INC. 203 EGGERT ROAD CHEEKTOWAGA, NY	 100 Mill Plain Road Danbury, CT 06811 203-797-8301	PROJECT # 137015	
				FILENAME:	
REVISION NO.	DRAWING	MONITORING WELL LOCATIONS		SCALE: SEE SCALEBAR	DATE: 8/17/10
				BY: MT	CK: PM
				FIGURE # 1	

July 2010 Quarterly Groundwater Data
Wells 27-29
Leica Microsystems, Eggert Road
Cheektowaga, New York

ANALYTE	CAS	Method Detection Limit	MW-27	MW-27A	MW-28	MW-28A	MW-29A	
Sample Collection Date:			July-2-10	July-2-10	July-2-10	July-2-10	July-2-10	
Dilution:			1.00	1.00	1.00	1.00	1.00	
Volatile Organic Compounds (ug/l)								
acetone	67641	20	ND	ND	ND	ND	ND	
benzene	71432	5	ND	ND	ND	ND	ND	
bromodichloromethane	75274	5	ND	ND	ND	ND	ND	
bromoform	75252	5	ND	ND	ND	ND	ND	
bromomethane	74839	5	ND	ND	ND	ND	ND	
2-butanone (MEK)	78933	10	ND	ND	ND	ND	ND	
carbon disulfide	75150	10	ND	ND	ND	ND	ND	
carbon tetrachloride	56235	5	ND	ND	ND	ND	ND	
chlorobenzene	108907	5	ND	ND	ND	ND	ND	
chloroethane	75003	5	ND	ND	ND	ND	ND	
chloroform	67663	5	ND	7.7	ND	7.6	9.4	
chloromethane	74873	5	ND	ND	ND	ND	ND	
dibromochloromethane	124481	5	ND	ND	ND	ND	ND	
1,1-dichloroethane	75343	5	ND	ND	ND	ND	ND	
1,2-dichloroethane	107062	5	ND	ND	ND	ND	ND	
1,1-dichloroethene	75354	5	ND	ND	ND	ND	ND	
cis-1,2-dichloroethene	156592	5	ND	ND	27	ND	ND	
trans-1,2-dichloroethene	156605	5	ND	ND	ND	ND	ND	
1,2-dichloropropane	78875	5	ND	ND	ND	ND	ND	
cis-1,3-dichloropropene	542756	5	ND	ND	ND	ND	ND	
trans-1,3-dichloropropene	542756	5	ND	ND	ND	ND	ND	
ethylbenzene	100414	5	ND	ND	ND	ND	10	
2-hexanone	591786	10	ND	ND	ND	ND	ND	
methylene chloride	75092	5	ND	ND	ND	ND	ND	
4-methyl-2-pentanone (MIBK)	108101	10	ND	ND	ND	ND	ND	
styrene	100425	5	ND	ND	ND	ND	ND	
1,1,2,2-tetrachloroethane	79345	5	ND	ND	ND	ND	ND	
tetrachloroethene	127184	5	ND	ND	ND	ND	ND	
toluene	108883	5	ND	ND	ND	ND	ND	
1,1,1-trichloroethane	71556	5	ND	ND	ND	ND	ND	
1,1,2-trichloroethane	79005	5	ND	ND	ND	ND	ND	
trichloroethene	79016	5	ND	ND	ND	ND	ND	
vinyl chloride	75014	5	ND	ND	ND	ND	ND	
o-xylene	95476	5	ND	ND	ND	ND	19	
m+p xylene	108383/1064	5	ND	ND	ND	ND	16	
TOTAL VOCs			0	7.7	27	7.6	54.4	
Percent TCE			0	0	0	0	0	
Percent DCE			0	0	100%	0	0	
Percent VC			0	0	0	0	0	

NOTES:

RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
 Project: Leica Wells July 2010
 Sample Matrix: Water
 Sample Name: MW-27
 Lab Code: R1003586-001

Service Request: R1003586
 Date Collected: 7/ 2/10 1235
 Date Received: 7/ 7/10

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Acetone	20	U	20	1	NA	7/10/10 01:53		207946	
Benzene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Bromodichloromethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Bromoform	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Bromomethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
2-Butanone (MEK)	10	U	10	1	NA	7/10/10 01:53		207946	
Carbon Disulfide	10	U	10	1	NA	7/10/10 01:53		207946	
Carbon Tetrachloride	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Chlorobenzene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Chloroethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Chloroform	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Chloromethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Dibromochloromethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,1-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,2-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,1-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
cis-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
trans-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,2-Dichloropropane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
cis-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
trans-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Ethylbenzene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
2-Hexanone	10	U	10	1	NA	7/10/10 01:53		207946	
Methylene Chloride	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
4-Methyl-2-pentanone (MIBK)	10	U	10	1	NA	7/10/10 01:53		207946	
Styrene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Tetrachloroethene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Toluene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,1,1-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
1,1,2-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Trichloroethene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
Vinyl Chloride	5.0	U	5.0	1	NA	7/10/10 01:53		207946	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
Project: Leica Wells July 2010
Sample Matrix: Water
Sample Name: MW-27
Lab Code: R1003586-001

Service Request: R1003586
Date Collected: 7/ 2/10 1235
Date Received: 7/ 7/10
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
o-Xylene	5.0	U	5.0	1	NA	7/10/10 01:53		207946	
m,p-Xylenes	5.0	U	5.0	1	NA	7/10/10 01:53		207946	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
4-Bromofluorobenzene	105	85-122	7/10/10 01:53		
Toluene-d8	102	87-121	7/10/10 01:53		
Dibromofluoromethane	105	89-119	7/10/10 01:53		

Comments: _____

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
 Project: Leica Wells July 2010
 Sample Matrix: Water
 Sample Name: MW-27A
 Lab Code: R1003586-009

Service Request: R1003586
 Date Collected: 7/3/10 1430
 Date Received: 7/7/10

Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Acetone	20	U	20	1	NA	7/10/10 05:30		207946	
Benzene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Bromodichloromethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Bromoform	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Bromomethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
2-Butanone (MEK)	10	U	10	1	NA	7/10/10 05:30		207946	
Carbon Disulfide	10	U	10	1	NA	7/10/10 05:30		207946	
Carbon Tetrachloride	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Chlorobenzene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Chloroethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Chloroform	7.7		5.0	1	NA	7/10/10 05:30		207946	
Chloromethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Dibromochloromethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,1-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,2-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,1-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
cis-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
trans-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,2-Dichloropropane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
cis-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
trans-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Ethylbenzene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
2-Hexanone	10	U	10	1	NA	7/10/10 05:30		207946	
Methylene Chloride	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
4-Methyl-2-pentanone (MIBK)	10	U	10	1	NA	7/10/10 05:30		207946	
Styrene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Tetrachloroethene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Toluene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,1,1-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
1,1,2-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Trichloroethene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
Vinyl Chloride	5.0	U	5.0	1	NA	7/10/10 05:30		207946	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
Project: Leica Wells July 2010
Sample Matrix: Water
Sample Name: MW-27A
Lab Code: R1003586-009

Service Request: R1003586
Date Collected: 7/ 3/10 1430
Date Received: 7/ 7/10

Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
o-Xylene	5.0	U	5.0	1	NA	7/10/10 05:30		207946	
m,p-Xylenes	5.0	U	5.0	1	NA	7/10/10 05:30		207946	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
4-Bromofluorobenzene	103	85-122	7/10/10 05:30		
Toluene-d8	100	87-121	7/10/10 05:30		
Dibromofluoromethane	102	89-119	7/10/10 05:30		

Comments: _____

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Form 1A

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SuperSet Reference: 10-0000148748 rev 00

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
 Project: Leica Wells July 2010
 Sample Matrix: Water
 Sample Name: MW-28
 Lab Code: R1003586-005

Service Request: R1003586
 Date Collected: 7/ 2/10 1530
 Date Received: 7/ 7/10
 Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Acetone	20	U	20	1	NA	7/10/10 03:42		207946	
Benzene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Bromodichloromethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Bromoform	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Bromomethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
2-Butanone (MEK)	10	U	10	1	NA	7/10/10 03:42		207946	
Carbon Disulfide	10	U	10	1	NA	7/10/10 03:42		207946	
Carbon Tetrachloride	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Chlorobenzene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Chloroethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Chloroform	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Chloromethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Dibromochloromethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,1-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,2-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,1-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
cis-1,2-Dichloroethene	27		5.0	1	NA	7/10/10 03:42		207946	
trans-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,2-Dichloropropane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
cis-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
trans-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Ethylbenzene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
2-Hexanone	10	U	10	1	NA	7/10/10 03:42		207946	
Methylene Chloride	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
4-Methyl-2-pentanone (MIBK)	10	U	10	1	NA	7/10/10 03:42		207946	
Styrene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Tetrachloroethene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Toluene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,1,1-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
1,1,2-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Trichloroethene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
Vinyl Chloride	5.0	U	5.0	1	NA	7/10/10 03:42		207946	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
Project: Leica Wells July 2010
Sample Matrix: Water
Sample Name: MW-28
Lab Code: R1003586-005

Service Request: R1003586
Date Collected: 7/ 2/10 1530
Date Received: 7/ 7/10
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
o-Xylene	5.0	U	5.0	1	NA	7/10/10 03:42		207946	
m,p-Xylenes	5.0	U	5.0	1	NA	7/10/10 03:42		207946	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
4-Bromofluorobenzene	101	85-122	7/10/10 03:42		
Toluene-d8	100	87-121	7/10/10 03:42		
Dibromofluoromethane	105	89-119	7/10/10 03:42		

Comments: _____

Printed 7/19/10 9:07

Form 1A

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SuperSet Reference: 10-0000148748 rev 00

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COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
 Project: Leica Wells July 2010
 Sample Matrix: Water
 Sample Name: MW-28A
 Lab Code: R1003586-007

Service Request: R1003586
 Date Collected: 7/ 3/10 1315
 Date Received: 7/ 7/10
 Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Acetone	20	U	20	1	NA	7/10/10 04:36		207946	
Benzene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Bromodichloromethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Bromoform	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Bromomethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
2-Butanone (MEK)	10	U	10	1	NA	7/10/10 04:36		207946	
Carbon Disulfide	10	U	10	1	NA	7/10/10 04:36		207946	
Carbon Tetrachloride	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Chlorobenzene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Chloroethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Chloroform	7.6		5.0	1	NA	7/10/10 04:36		207946	
Chloromethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Dibromochloromethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,1-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,2-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,1-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
cis-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
trans-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,2-Dichloropropane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
cis-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
trans-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Ethylbenzene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
2-Hexanone	10	U	10	1	NA	7/10/10 04:36		207946	
Methylene Chloride	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
4-Methyl-2-pentanone (MIBK)	10	U	10	1	NA	7/10/10 04:36		207946	
Styrene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Tetrachloroethene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Toluene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,1,1-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
1,1,2-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Trichloroethene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
Vinyl Chloride	5.0	U	5.0	1	NA	7/10/10 04:36		207946	

Comments:

Printed 7/19/10 9:07

Form 1A

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SuperSet Reference: 10-0000148748 rev 00

00017

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
Project: Leica Wells July 2010
Sample Matrix: Water
Sample Name: MW-28A
Lab Code: R1003586-007

Service Request: R1003586
Date Collected: 7/ 3/10 1315
Date Received: 7/ 7/10
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
o-Xylene	5.0	U	5.0	1	NA	7/10/10 04:36		207946	
m,p-Xylenes	5.0	U	5.0	1	NA	7/10/10 04:36		207946	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
4-Bromofluorobenzene	100	85-122	7/10/10 04:36		
Toluene-d8	98	87-121	7/10/10 04:36		
Dibromofluoromethane	101	89-119	7/10/10 04:36		

Comments: _____

Printed 7/19/10 9:07

Form 1A

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SuperSet Reference: 10-0000148748 rev 00

00018

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
 Project: Leica Wells July 2010
 Sample Matrix: Water
 Sample Name: MW-29A
 Lab Code: R1003586-006

Service Request: R1003586
 Date Collected: 7/ 3/10 1300
 Date Received: 7/ 7/10
 Units: µg/L
 Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
Acetone	20	U	20	1	NA	7/10/10 04:09		207946	
Benzene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Bromodichloromethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Bromoform	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Bromomethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
2-Butanone (MEK)	10	U	10	1	NA	7/10/10 04:09		207946	
Carbon Disulfide	10	U	10	1	NA	7/10/10 04:09		207946	
Carbon Tetrachloride	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Chlorobenzene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Chloroethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Chloroform	9.4		5.0	1	NA	7/10/10 04:09		207946	
Chloromethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Dibromochloromethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,1-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,2-Dichloroethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,1-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
cis-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
trans-1,2-Dichloroethene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,2-Dichloropropane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
cis-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
trans-1,3-Dichloropropene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Ethylbenzene	10		5.0	1	NA	7/10/10 04:09		207946	
2-Hexanone	10	U	10	1	NA	7/10/10 04:09		207946	
Methylene Chloride	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
4-Methyl-2-pentanone (MIBK)	10	U	10	1	NA	7/10/10 04:09		207946	
Styrene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,1,2,2-Tetrachloroethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Tetrachloroethene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Toluene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,1,1-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
1,1,2-Trichloroethane	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Trichloroethene	5.0	U	5.0	1	NA	7/10/10 04:09		207946	
Vinyl Chloride	5.0	U	5.0	1	NA	7/10/10 04:09		207946	

Comments:

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: Energy Solutions
Project: Leica Wells July 2010
Sample Matrix: Water
Sample Name: MW-29A
Lab Code: R1003586-006

Service Request: R1003586
Date Collected: 7/ 3/10 1300
Date Received: 7/ 7/10
Units: µg/L
Basis: NA

Volatile Organic Compounds by GC/MS

Analytical Method: 8260B

Analyte Name	Result	Q	MRL	Dilution Factor	Date Extracted	Date Analyzed	Extraction Lot	Analysis Lot	Note
o-Xylene	19		5.0	1	NA	7/10/10 04:09		207946	
m,p-Xylenes	16		5.0	1	NA	7/10/10 04:09		207946	

Surrogate Name	%Rec	Control Limits	Date Analyzed	Q	Note
4-Bromofluorobenzene	105	85-122	7/10/10 04:09		
Toluene-d8	102	87-121	7/10/10 04:09		
Dibromofluoromethane	106	89-119	7/10/10 04:09		

Comments: _____