ENERGY*SOLUTIONS*

February 20, 2008
Ref. No. 31128-045

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

Subject: Status Report Annual Reporting 2007
Leica, Inc. Site; Erie County, Cheektowaga, NY
Inactive Hazardous Waste Disposal Site No. 915156

Dear Mr. Walia:

As required by Section VII of the Order on Consent (the "Order") for the subject site, Energy*Solutions*, LLC (formerly Envirocare of Utah, LLC) will prepare progress reports during the performance phase of the remedial action. This letter shall serve as the written progress report and its format is consistent with the items specified in Section VII (i)-(vii) of this Order.

1. Actions Taken During the Previous Months (January 2007 – December 2007)

General Maintenance

The Energy*Solutions* field crew continued to conduct routine scheduled maintenance to the groundwater pump and treatment system in January 2007 through December 2007. During the routine maintenance visits, the Energy*Solutions* field crew also inspected the site remediation system trailers, and other site items. All site equipment was in satisfactory working condition and normal maintenance was performed during most of the period. The groundwater pumping system was inoperable during periods of repair which included a period from mid June through the end of August.

Groundwater Sampling

Groundwater samples and elevation measurements were collected in May 2007 and November 2007. Groundwater samples were collected from shallow wells MW-3, MW-5, MW-6, MW-10, MW-14, MW-16R, MW-18 and MW-22 and bedrock wells MW-1A, MW-5A, MW-6A, MW-11A, MW-14A, MW-16A and from the newly installed bedrock well MW-22A in May. Groundwater samples were also taken from shallow wells (MW-10 and MW-22) and bedrock wells (MW-6A, MW-11A, MW-14A, MW-16A, and MW-22A) during the November 2007 event. Fewer samples were taken in the November 2007 event due monitoring wells MW-6, MW-14, MW-9, MW-13, MW-2, and MW-20 being dry. Samples of groundwater from MW-11A and MW-16A were collected in the discharge piping at the treatment facility. A sample (Effluent) was also collected from the treatment system discharge during both rounds. Groundwater depth measurements were collected from most of the available wells at the site. A listing of groundwater elevation information is included in Table 2 and Table 3 in Appendix A. Samples were submitted under chain of custody to Columbia Analytical for analysis using EPA method 8260.

The May 2007 round of sampling represents the first Annual round of sampling to be performed in accordance with the new sampling program established during the August 2006 meeting between representatives from the New York State Department of Environmental Conservation (NYSDEC), the New York State Department of Health (NYSDOH), Leica and Energy*Solutions*.

Also in response to the new monitoring program, an additional deep monitoring well (MW-22A) was installed in the immediate vicinity of MW-22. The well was installed and developed on May 2, 2007 and then sampled on May 3, 2007. Bedrock was encountered at approximately eleven feet below ground surface in the new well. The borehole was advanced approximately five feet into bedrock and a six inch casing was then installed. The borehole was then advanced to a depth of approximately 45 feet below ground surface.

Discharge Permit Modification

EnergySolutions personnel also coordinated with the Cheektowaga Town Engineer and representatives from the Buffalo Sewer Authority (BSA) to implement updates to the remedial system discharge permit. Following review of available discharge data for the last three years, the BSA permitted revisions to the allowable discharge limits. These revised limits will be included in the data summary table following completion of the next round of sampling.

2. Results of Data Generated

Groundwater Sampling

The results of data collected during the May, 2007 and November, 2007 rounds of Annual and semi-Annual groundwater sampling, which occurred on May 2nd and May 3rd, 2007 and November 13th through November 15th, 2007 are included in this report. During these sampling events, the Energy*Solutions* field crew was unable to locate monitoring well MW-23 to measure depth to water due to overgrown brush and fallen trees. Monitoring well MW-23 is located in the southern end of the wetland area in between the cemetery and the south parking lot.

During the May 2007 (Annual) sampling event, all wells scheduled for sampling provided sufficient water for sample collection; although several wells did not provide enough water to purge three well volumes. These wells included MW-6, MW-14, MW-18 and MW-22. From two to three well volumes were purged from these wells. VOC concentrations in the shallow and deep wells in the vicinity of Area C at the southeastern corner of the site were relatively consistent with concentrations detected in the same time period in 2006. Concentrations of total VOCs in the spring of 2006 and 2007 ranged as follows in the wells sampled in the area: MW-6, from 146 to 218 ug/l, MW-10 from 260 to 231 ug/l, MW-11A from 930 to 990 ug/l, MW-14, from 510 to 356 ug/l, MW-14A, from 88 to 68 ug/l and MW-22, from ND to 34 ug/l.

During the November 2007 (semi-Annual) sampling event, MW-10, MW-16R, and MW-22 provided sufficient water for sample collection, however MW-6 and MW-14 did not provide sufficient water for sample collection and were therefore not sampled during this round of sampling. VOC concentrations in the shallow and deep wells in the vicinity of Area C at the southeastern corner of the site were relatively consistent with concentrations detected in the same time period in 2006. Concentrations of total VOCs in the winter of 2006 and 2007 ranged as follows: MW-6A from 187 ug/l to 600 ug/l, MW-10 from 292 ug/l to 148 ug/l, MW-11A from 960 ug/l to 610 ug/l, MW-14A from 85 ug/l to 7.2 ug/l, and MW-22 from 8.7 ug/l to 29 ug/l.

Monitoring wells MW-3, MW-5 and MW-5A have not been sampled in recent years. Concentrations in these newly sampled wells were as expected. Concentrations of samples collected from MW-3 and MW-5 in May were all non detected. Concentrations in MW-5A were low with 1,2 DCE at 12 ug/l and vinyl chloride at 16 ug/l. May 2007 was the first round that MW-22A had been sampled. Vinyl chloride was detected at the PQL of 5 ug/l during the May 2007 event. During the November 2007 event, MW-22A had detections of vinyl chloride at 12 ug/l and cis 1,2 dichloroethene at a concentration of 17 ug/l.

Concentrations have fluctuated significantly in Area B over the last two years but have remained relatively constant over the last four quarters. These fluctuations are thought to be representative of typical seasonal fluctuations in groundwater elevations. Fluctuations reached their peak in June of 2005 when concentrations in both wells in Area B reached their maximum levels with 1,1,1 TCA in MW-16A at 17,000 ug/l and TCE in MW-16R at 30,000 ug/l.

Concentrations of TCE in MW-16R dropped from a concentration of 3800ig/l in March of last year to a concentration of 3000 ug/l in May 2007, but rose again to 3800 ug/l again in November 2007. Concentrations of 1,1,1 TCA also peaked in June 2005 in MW-16A at 17,000 ug/l, but in May and November 2007 were at a concentration of 190ug/l and 210 ug/l respectively, the lowest concentrations since early 2004.

In May and November 2007, concentrations of all constituents in the samples collected from monitoring well MW-16A were lower than concentrations the previous year in March and December 2006.

In Summary, it appears that contaminant concentrations measured in Area C in 2007 remained relatively consistent with concentrations measured in 2006. Concentrations in Area B have exhibited a slight decline, particularly in the parent products TCE and 1,1,1 TCA suggesting natural degradation is in progress.

A summary of groundwater data (Table 1A & B) and tables showing groundwater elevations for May 2007 and November 2007 are included in Appendix A. Groundwater contour maps and contaminant concentration isopleth figures are included in Appendix B. May 2007 and November 2007 groundwater contours and contaminant concentration isopleths are shown on Figures 1 through 8 (May 2007), and 9 through 16 (November 2007). Laboratory data is included in Appendix C.

3. Required Deliverables Submitted to NYSDEC

No deliverables were submitted during the period.

4. Actions Scheduled for the Upcoming Months (January 2008 – December 2008)

System Maintenance and Groundwater Monitoring

The Energy*Solutions* field crew will continue with routine scheduled maintenance to the groundwater pump and treatment system and groundwater monitoring activities in the upcoming months.

Future groundwater monitoring will be performed on an annual and semi-annual basis in accordance with the latest monitoring program schedule. The next round of sampling is scheduled for April 2008. Wells scheduled for annual sampling will be sampled during this round as indicated in the program specified in the current monitoring program.

Vapor Mitigation/Remediation

EnergySolutions will implement the HRC injection plan in accordance with the current schedule. We anticipate HRC injection activities to be performed in late March or early April.

5. Schedule Information

No scheduling conflicts are anticipated at this time.

6. Modifications to the Work Plan

No modifications were made to the Work Plan during this time period.

7. Actions Taken in Support of the Citizen Participation Plan

No private residents visited the site and no action was undertaken in support of community relations during this period.

If you have any questions regarding this report, please feel free to call me at 801-303-1092 or 860-355-8194 (dial 1 for name list and enter robertmcpeak).

Sincerely,
EnergySolutions, LLC

Robert E. McPeak, Jr., P.E., LEP
Department Manager, Environmental Services

Enclosures: **Appendix A: Groundwater Monitoring Tables and Revised Monitoring Program Letter**

Table 1 (A&B) Summary of Groundwater Analytical Data (May 2007 and November 2007)
Table 2 Summary of Groundwater Monitoring Well Measurements (May 2007, November 2007)

Appendix B Groundwater Monitoring Figures

Figure 1 Groundwater Contours, May 2007, Overburden Wells
Figure 2 Groundwater Contours, May 2007, Bedrock Wells
Figure 3 Vinyl Chloride Contaminant Concentration Isopleths, May 2007, Overburden Wells

Figure 4	Vinyl Chloride Contaminant Concentration Isopleths, May 2007, Bedrock Wells
Figure 5	Cis 1,2 DCE Contaminant Concentration Isopleths, May 2007, Overburden Wells
Figure 6	Cis 1,2 DCE Contaminant Concentration Isopleths, May 2007, Bedrock Wells
Figure 7	TCE Contaminant Concentration Isopleths, May 2007, Overburden Wells
Figure 8	TCE Contaminant Concentration Isopleths, May 2007, Bedrock Wells
Figure 9	Groundwater Contours, November 2007, Overburden Wells
Figure 10	Groundwater Contours, November 2007, Bedrock Wells
Figure 11	Vinyl Chloride Contaminant Concentration Isopleths, November 2007, Overburden Wells
Figure 12	Vinyl Chloride Contaminant Concentration Isopleths, November 2007, Bedrock Wells
Figure 13	Cis 1,2 DCE Contaminant Concentration Isopleths, November 2007, Overburden Wells
Figure 14	Cis 1,2 DCE Contaminant Concentration Isopleths, November 2007, Bedrock Wells
Figure 15	TCE Contaminant Concentration Isopleths, November 2007, Overburden Wells
Figure 16	TCE Contaminant Concentration Isopleths, November 2007, Bedrock Wells

Appendix C Analytical Data

Analytical Data	May 2007 and November 2007 Groundwater Analytical Data

cc:

D. Simkowski	B. Sye Marvuglio
A. Szklany	C. O'Conner (NYSDOH)
C. Grabinski	E. Doubleday

APPENDIX A

Groundwater Monitoring Tables and Revised Monitoring Program Letter

Table 1 (A&B)	Summary of Groundwater Analytical Data
Table 2	Summary of Groundwater Monitoring Well Measurements (May, 2007)
Table 3	Summary of Groundwater Monitoring Well Measurements (November, 2007)
	Revised Monitoring Program Letter

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-1A						
Sample Collection Date					Mar-25-05	June 20-05	Oct-24-05	Jan-05-06	Mar-17-06	July-13-06	May-02-06
Dilution					1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)											
acetone	67641	20	-		ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-		ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-		ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-		ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-		ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-		ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-		ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-		ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-		ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-		ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-		ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-		ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND	ND	ND	5.3	ND	ND	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-		ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-		ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-		ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-		ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-		ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-		ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	ND	ND	ND	ND	ND	ND	ND
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					0	0	0	5	0	0	0
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/00
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluent Sample only)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by DRS
Date: 2/6/08
Checked by: REM
Date 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-3
Sample Collection Date:					May-02-06
Dilution:					1.00
Volatile Organic Compounds (ug/l)					
acetone	67641	20	-	-	ND
benzene	71432	5.0	-	**142**	ND
bromodichloromethane	75274	5.0	-	-	ND
bromoform	75252	5.0	-	-	ND
bromomethane	74839	5.0	-	-	ND
2-butanone (MEK)	78933	10	-	-	ND
carbon disulfide	75150	10	-	-	ND
carbon tetrachloride	56235	5.0	-	-	ND
chlorobenzene	108907	5.0	-	**310**	ND
chloroethane	75003	5.0	-	**470**	ND
chloroform	67663	5.0	-	-	ND
chloromethane	74873	5.0	-	-	ND
dibromochloromethane	124481	5.0	-	-	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND
1,2-dichloroethane	107062	5.0	-	-	ND
1,1-dichloroethene	75354	5.0	-	-	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND
1,2-dichloropropane	78875	5.0	-	-	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND
ethylbenzene	100414	5.0	5	**1,684**	ND
2-hexanone	591786	10	-	-	ND
methylene chloride	75092	5.0	-	**2,062**	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND
styrene	100425	5.0	-	-	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND
tetrachloroethene	127184	5.0	-	**267**	ND
toluene	108883	5.0	5	**680**	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND
trichloroethene	79016	5.0	5	**712**	ND
vinyl chloride	75014	5.0	5	**3**	ND
o-xylene	95476	5.0	5	**2,080**	ND
m+p xylene	108383/106423	5.0	5	**total**	ND
TOTAL VOCs					0
TPH Treatment SystemEffluent Only				100,000	NA

NOTES:
Base = Baseline sample collected 12/14/89
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW 10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by: DRB
Date: 2/5/08
Checked by: RFM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-4																	
Sample Collection Date:					Base	Jun-22-00	Aug-21-00	Nov-30-00	Dec-19-01	Dec-19-01	Mar-20-02	Jan-25-02	Sept-19-07	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-05-04	May-25-04	May-25-04	Sept-26-04
Dilution:					1,000.00	4.00	2.00	2.00	1.00	5.00	1.00	5.00	NA	1 or 20	10.00	NA	2.00	2.00	2.00	5.00	1.00
Volatile Organic Compounds (ug/l)																					
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**110,000**	**460**	**280**	**940**	***490 E***	**580**	**190**	**480**	NCD	**2,200**	**1,700**	NCD	**260**	**310**	***590 E***	**560**	**180**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	2.2	ND	NCD	**26**	ND	NCD	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	**41,000**	**130**	**200**	**120**	**49**	**62**	**24**	**36**	NCD	**70**	ND	NCD	ND	**20**	**18**	ND	**8.8**
vinyl chloride	75014	5.0	5	**3**	ND	**27**	ND	**25**	**6**	ND	ND	ND	NCD	**340**	**570**	NCD	**130**	**100**	**270**	**270**	**120**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND
TOTAL VOCs					151,000	617	480	1,085	545	642	216.2	516	NCD	2,636	2,270	NCD	390	430	878	830	309
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluen
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by DRS
Date: 2/6/08
Checked by: RPM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-4 Cont.												
Sample Collection Date:					Dec-21-04	Dec-21-04	March-24-05	March-24-05	June-26-05	Oct-24-05	Jan-04-06		Jan-4-06	Mar-17-06		Mar-17-06	
Dilution:					1.00	5.00	1.00	2.50	1.00	2.00	1.00		2.00	2.00		2.50	
Volatile Organic Compounds (ug/l)																	
acetone	67641	20	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
bromoform	75252	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
bromomethane	74839	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
2-butanone (MEK)	78933	10	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
carbon disulfide	75150	10	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
carbon tetrachloride	56235	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
chloroform	67663	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
chloromethane	74873	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
dibromochloromethane	124481	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
1,2-dichloroethane	107062	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
1,1-dichloroethene	75354	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
cis-1,2-dichloroethene	156592	5.0	5	**285**	*380 E*	339	*360E*	320	79	180	330	E	320	420	E	420	D
trans-1,2-dichloroethene	156605	5.0	5	**total**	**6.9**	ND	5.80	ND	ND	ND	ND		ND	ND		ND	
1,2-dichloropropane	78875	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
cis-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
trans-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
2-hexanone	591786	10	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
4-methyl-2-pentanone (MIBK)	108101	10	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
styrene	100425	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
1,1,2,2-tetrachloroethane	79345	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
toluene	108883	5.0	5	**880**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
1,1,2-trichloroethane	79005	5.0	-		ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
trichloroethene	79016	5.0	5	**712**	**5.6**	ND	**7.2**	ND	**6.8**	ND	**6.7**		ND	ND		ND	
vinyl chloride	75014	5.0	5	**3**	*230 E*	**220**	*240E*	**200**	**93**	**190**	**220E**		**220**	**180**		**170**	
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND		ND	ND		ND	
TOTAL VOCs					623	550	613	520	179	370	557		540	600		590	
TPH Treatment System Effluent Only				100,000	NA	NA	NA	NA	NA	NA	NA		NA	NA		NA	

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: DRS
Date: 2/6/08
Checked by: REM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-5
Sample Collection Date					May-02-07
Dilution					1.00
Volatile Organic Compounds (ug/l)					
acetone	67641	20	-	-	ND
benzene	71432	5.0	-	**142**	ND
bromodichloromethane	75274	5.0	-	-	ND
bromoform	75252	5.0	-	-	ND
bromomethane	74839	5.0	-	-	ND
2-butanone (MEK)	78933	10	-	-	ND
carbon disulfide	75150	10	-	-	ND
carbon tetrachloride	56235	5.0	-	-	ND
chlorobenzene	108907	5.0	-	**310**	ND
chloroethane	75003	5.0	-	**420**	ND
chloroform	67663	5.0	-	-	ND
chloromethane	74873	5.0	-	-	ND
dibromochloromethane	124481	5.0	-	-	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND
1,2-dichloroethane	107062	5.0	-	-	ND
1,1-dichloroethene	75354	5.0	-	-	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND
1,2-dichloropropane	78875	5.0	-	-	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND
ethylbenzene	100414	5.0	5	**1,584**	ND
2-hexanone	591786	10	-	-	ND
methylene chloride	75092	5.0	-	**2,062**	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND
styrene	100425	5.0	-	-	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND
tetrachloroethene	127184	5.0	-	**267**	ND
toluene	108883	5.0	5	**690**	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND
trichloroethene	79016	5.0	5	**712**	ND
vinyl chloride	75014	5.0	5	**3**	ND
o-xylene	95476	5.0	5	**2,080**	ND
m+p xylene	108383/106423	5.0	5	**total**	ND
TOTAL VOCs					0
TPH Treatment SystemEffluent Only				100,000	NA

NOTES:
Base = Baseline sample collected 12/14/00
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled. pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: DRS
Date: 2/07/08
Checked by: RSM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-5A
Sample Collection Date					May-03-07
Dilution					1.00
Volatile Organic Compounds (ug/l)					
acetone	67641	20	-	-	ND
benzene	71432	5.0	-	**142**	ND
bromodichloromethane	75274	5.0	-	-	ND
bromoform	75252	5.0	-	-	ND
bromomethane	74839	5.0	-	-	ND
2-butanone (MEK)	78933	10	-	-	ND
carbon disulfide	75150	10	-	-	ND
carbon tetrachloride	56235	5.0	-	-	ND
chlorobenzene	108907	5.0	-	**310**	ND
chloroethane	75003	5.0	-	**420**	ND
chloroform	67663	5.0	-	-	ND
chloromethane	74873	5.0	-	-	ND
dibromochloromethane	124481	5.0	-	-	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND
1,2-dichloroethane	107062	5.0	-	-	ND
1,1-dichloroethene	75354	5.0	-	-	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**12**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND
1,2-dichloropropane	78875	5.0	-	-	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND
ethylbenzene	100414	5.0	5	**1,684**	ND
2-hexanone	591786	10	-	-	ND
methylene chloride	75092	5.0	-	**2,062**	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND
styrene	100425	5.0	-	-	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND
tetrachloroethene	127184	5.0	-	**267**	ND
toluene	108883	5.0	5	**680**	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND
trichloroethene	79016	5.0	5	**712**	ND
vinyl chloride	75014	5.0	5	**3**	**16**
o-xylene	95476	5.0	5	**2,080**	ND
m+p xylene	108383/106423	5.0	5	**total**	ND
TOTAL VOCs					28
TPH Treatment SystemEffluent Only				100,000	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date: 2/8/08
Checked by: RBM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-6														
Sample Collection Date					Base	Mar-29-00	Mar-29-00	Jun-22-00	Mar-27-01	Jun-13-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03
Dilution					10.00	1.00	2.50	1.00	1.00	1.00	1.00	1.00	1.00	NA	1.00	1.00	NA	NA
Volatile Organic Compounds (ug/l)																			
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
cis-1,2-dichloroethene	156592	5.0	5	**285**	**1,200**	***450 E***	**420**	**190**	**48**	**60**	**41**	**44**	**42**	NCD	**53**	**53**	NCD	NCD
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	1.2	ND	NCD	ND	ND	NCD	NCD
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
ethylbenzene	100414	5.0	5	**1,564**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
methylene chloride	75092	5.0	-	**2,002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
trichloroethene	79016	5.0	5	**712**	ND	**61**	**63**	**34**	**11**	**18**	**14**	**17**	**15**	NCD	**18**	**16**	NCD	NCD
vinyl chloride	75014	5.0	5	**3**	**120**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
m+p-xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD
TOTAL VOCs					1,320	511	483	274	59	78	55	62.2	57	NCD	71	69	NCD	NCD
TPH Treatment System Effluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believe that MW 10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-6 Cont.								
Sample Collection Date:					Feb-05-04	May-25-04	Sept-20-04	Dec-21-04	Mar-24-05	Jan-04-06	Mar-17-06	Dec-18-06	May-02-07
Dilution:					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)													
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	75	89	92	78	110	110	120	130	190
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	19	18	19	19	20	20	20	23	22
vinyl chloride	75014	5.0	5	**3**	ND	ND	ND	ND	5.0	6.6	6.0	7.8	5.6
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					94	107	111	97	135	137	146	161	218
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: TRS
Date: 2/6/08
Checked by: BEM
Date: 2/13/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-6A (Deep Well)															
Sample Collection Date					Base	Jun-22-00	Mar-27-01	Jun-13-01	Jun-13-01	Sep-28-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-05-04	May-25-04
Dilution					20.00	2.50	5.00	5.00	10.00		5.00	5.00	10.00	5.00	2.00	2.00	2.00	2.00	2.00	2.00
Volatile Organic Compounds (ug/l)																				
acetone	67641	20	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	142	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	310	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	420	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	500	ND	ND	ND	ND	ND	NCD	ND	5.2	ND	ND	ND	12	ND	ND	ND	10
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	285	3,900	390	760	1,400 E	1,400	NCD	460	590	930	950	250	410	310	380	350	380
trans-1,2-dichloroethene	156605	5.0	5	total	ND	ND	34	40	ND	NCD	ND	28	ND	45	11	17	11	19	18	12
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	1,584	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	2,092	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	267	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	6	680	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	1,550	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	712	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	3	240	ND	230	690	750	NCD	230	290	140	820	65	260	82	120	99	96
o-xylene	95476	5.0	5	2,080	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	total	120	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					4,260	390	1,044	730	2,150	NCD	690	918.8	1,070	1,815	326	718	413	519	467	526
TPH Treatment System/Effluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs /GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluent)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
(= EnergySolutions believes that MW-10 and MW-11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: RBS
Date: 2/2/08
Checked by: RBM
Date 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-6A (Deep Well) Cont.																								
Sample Collection Date:					Sept-26-04	Dec-21-04	Mar-24-05	Mar-24-05	June 26-05	Oct-24-05	Oct-24-05	Jan-04-06		Mar-17-06		Mar-17-06		July-13-06		Dec-18-06		May-02-07		May-02-07		Nov-14-07		Nov-14-07	
Dilution:					2.00	2.00	2.00	2.50	2.50	2.50	5.00	1.00		1.00		5.00		2.50		1.00		1.00		2.50		1.00		2.50	
Volatile Organic Compounds (ug/l)																													
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND		5.1		ND		ND		ND		ND		ND		ND		ND	
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,2-dichloroethene	156592	5.0	5	**285**	360	370	*440E*	420	390	510E	500	91		650	E	580	D	390		140		380	E	360	D	400	E	350	D
trans-1,2-dichloroethene	156605	5.0	5	**total**	12	16	17	20	17	18	ND	ND		17		ND		14		ND		11		ND		11		ND	
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
ethylbenzene	100414	5.0	5	**1,564**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
trichloroethene	79016	5.0	5	**712**	18	16	32	33	ND	ND	ND	ND		21		ND		ND		ND		10		ND		ND		ND	
vinyl chloride	75014	5.0	5	**3**	120	150	140	140	96	240	230	23		250	E	220	D	110		47		160		170		280	E	250	D
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND		ND		ND		ND		ND		ND		ND		ND		ND	
TOTAL VOCs					510	552	189	613	503	258	730	114		943		800		514		187		561		530		691		600	
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA		NA		NA		NA		NA		NA		NA		NA		NA	

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluen
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
† = EnergySolutions believes that MW 10 and MW 11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: DRS
Date: 2/1/08
Checked by: REM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-7																	
Sample Collection Date					Base	Mar-29-00	Mar-29-00	Jun-13-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-05-04	May-25-04	Sept-26-04	Dec-21-04	Mar-24-05	Jan-4-06	Mar-17-06
Dilution					10.00	1.00	2.50	1.00	1.00	1.00	NA	1.00	1.00	NA	NA	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)																						
acetone	67641	20	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	142	140	8.7	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	310	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	420	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	500	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-		ND	ND	ND	ND	7	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	285	900	330 E	310	160	52	23	NCD	43	27	NCD	NCD	25	50	53	54	64	110	100
trans-1,2-dichloroethene	156605	5.0	5	total	64	8.6	ND	ND	22	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	5.4	5.9
1,2-dichloropropane	78875	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	1,584	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	2,062	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	267	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	680	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	1,550	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-		ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	712	ND	10	ND	12	12	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	3	1,600	8	ND	ND	56	ND	NCD	6	5	NCD	NCD	ND	5.6	6.4	8	6.5	5.0	ND
o-xylene	95476	5.0	5	2,080	ND	19	18	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	8.0	11	8	11	17	13
m+p xylene	108383/106423	5.0	5	total	ND	29	29	ND	ND	ND	NCD	ND	ND	NCD	NCD	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					2,704	413.1	357	172	149	23	NCD	49	32	NCD	NCD	25	63.6	70.4	68.0	81.5	137.4	118.9
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: DRS
Date: 2/8/05
Checked by: BEM
Date: 2/?/05

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-10																		
Sample Collection Date					Base	Mar-27-01[1]	Jun-13-01	Jun-13-01	Dec-19-01	Mar-20-02	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Oct-21-03	Feb-05-04	Feb-05-04	May-25-04	Sept-26-04	Dec-21-04
Dilution					100.0	50.00	2.00	10.00	1.00	1.00	2.00	1.00	NA	2.00	2.00	NA	2.00	10.00	2.00	5.00	5.00	2.00	2.50
Volatile Organic Compounds (ug/l)																							
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	16,000	6,300	*450 E*	460	96	*220 E*	220	160	NCD	210	360	NCD	*1,500 E*	1,600	*840 E*	850	540	130	300
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	2.8	2.7	ND	NCD	ND	ND	NCD	13	ND	15	ND	ND	12	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	1,500	*460 E*	470	30	47	48	57	NCD	78	130	NCD	ND	ND	*ND*	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	5,800	ND	27	ND	ND	ND	ND	ND	NCD	ND	21	NCD	110	119	*440 E*	480	420	270	150
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					21,800	7,800	27	930	126	49.8	270.7	217	NCD	288	511	NCD	123	1,710	15	1,330	980	412	450
TPH Treatment System Effluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluent)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: DES
Date: 2/8/08
Checked by: SPM
Date: 2/7/08

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-10 cont.											
Sample Collection Date					Mar-24-05	Mar-24-05	June-26-05	June-26-05	Oct-23-05	Jan-04-06	Jan-04-06	Mar-17-06	Mar-17-06	Dec-18-06	May-02-07	Nov-14-07
Dilution					2.00	2.50	2.50	5.00	2.50	1.00	2.00	2.00	2.50	2.00	1.00	1.00
Volatile Organic Compounds (ug/l)																
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**310**	**270**	*800E*	**760**	**320**	**210** E	**200**	**270**	**280**	**220**	**160**	**110**
trans-1,2-dichloroethene	156605	5.0	5	**total**	**15**	**14**	**25**	ND	ND	**7.8**	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	**15**	ND	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	*420E*	**360**	*780E*	**750**	**150**	**140**	**140**	**430** E	**430** D	**72**	**71**	**38**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					325	644	43	1,510	470	358	340	700	690	292	231	148
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluent)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally
switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by: DRS
Date: [illegible]
Checked by: [illegible]
Date: [illegible]

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	Groundwater Treatment Effluent												
Sample Collection Date					Jan-01	Feb-01	Mar-01	Jun-01	Sep-01	Dec-01	Jan-29-03	Mar-27-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-08-04	May-25-04
Dilution					1.00	1.00	1.00	1.00	1.00	1.00	NA	1.00	2.50	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)																	
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	8.1	ND	NSPD	40	38	ND	ND	9.7	19
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**140**	**75**	**47**	**90**	**200**	**24**	NSPD	*390 E*	**369**	ND	**38**	**150**	*240 E*
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	NSPD	**43**	**40**	ND	ND	**9.3**	**65**
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	**6**	**13**	**38**	ND	NSPD	*270 E*	**250**	ND	**5.5**	**24**	**70**
vinyl chloride	75014	5.0	5	**3**	**23**	**7**	ND	**5**	**17**	ND	NSPD	**68**	**60**	ND	ND	**23**	**57**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
m,p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND	ND
TOTAL VOCs					163	82	53	108	263	24	NSPD	151	748	ND	43.5	216	211
TPH Treatment SystemEffluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Table 1A (Wells 1-10 Treated Discharge)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	Groundwater Treatment Effluent Cont.												
Sample Collection Date:					May-25-04	Sept-26-04	Dec-21-04	Mar-25-05	June-27-05	Oct-23-05	Jan-04-06	Mar-17-06	July-11-06	Dec-18-06	May-02-07	Nov-14-07
Dilution:					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)																	
acetone	67641	20	-		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	17	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	230	ND	ND	ND	ND	32	17	33	15	10	38	38
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	67	ND	ND	ND	ND	5.8	ND	5.6	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					426	ND	19	0	0	37.8	17	38.6	15	10	38	40
TPH Treatment System Effluent Only				100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	ND

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Efflue
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
1 = EnergySolutions believes that MW-10 and MW-11 were accidentally switched (corrected in table)
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-11 (Well removed during excavation on May 18, 2003)											
Sample Collection Date:					Jun-22-00	Aug-21-00	Nov-30-00	Mar-27-01[1]	Jun-13-01	Dec-19-01	Mar-20-02	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03
Dilution:					5or20	10.00	2.50	10.00	10.00	5.00	5.00	10.00	2.00	NA	20.00	25.00
Volatile Organic Compounds (ug/l)																
acetone	67641	20	-	-	110	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
cis-1,2-dichloroethene	156592	5.0	**5**	**285**	**1,200**	**500**	**440**	**450**	**1,300**	**900**	*1,200 E*	**990**	**300**	NCD	**2,900**	**4,200**
trans-1,2-dichloroethene	156605	5.0	**5**	**total**	ND	ND	ND	ND	ND	ND	**9.8**	ND	ND	NCD	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
ethylbenzene	100414	5.0	**5**	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
toluene	108883	5.0	**5**	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
1,1,1-trichloroethane	71556	5.0	**5**	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND
trichloroethene	79016	5.0	**5**	**712**	**2,100**	**1,200**	**260**	**990**	**1200**	**140**	**150**	**130**	**51**	NCD	ND	ND
vinyl chloride	75014	5.0	**5**	**3**	ND	ND	**21**	ND	ND	**140**	**28**	ND	**10**	NCD	ND	**150**
o-xylene	95476	5.0	**5**	**2,080**	**28**	ND	ND	ND	ND	**140**	ND	ND	ND	NCD	ND	ND
m+p xylene	108383/106423	5.0	**5**	**total**	**27**	ND	ND	ND	ND	**140**	ND	ND	ND	NCD	ND	ND
TOTAL VOCs					3,465	1,700	721	1,440	2,500	1,460	187.8	1,120	361	NCD	2,900	4,350

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluent Sample only)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DDS
Date 2/6/08
Checked by RPM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-11A (Deep Well)															
Sample Collection Date:					Mar-29-00	Jun-22-00	Nov-30-00	Mar-27-01	Jun-13-01	Sep-28-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-06-04	Feb-06-04
Dilution:					100.00	25.00	10.00	10.00	10.00	5.00	5.00	5.00	5.00	2.50	NA	5.00	2.50	2.50	2.50	10.00
Volatile Organic Compounds (ug/l)																				
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**13,000**	**3,000**	**1,400**	**1,100**	**1,000**	**600**	**830**	**610**	**420**	**250**	NSPD	**550**	**320**	**340**	*590 E*	**580**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	**19**	ND	ND	NSPD	**14**	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	**72**	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	**9,000**	**1,800**	**960**	**660**	**1,000**	**580**	**820**	**820**	**580**	**340**	NSPD	**710**	**170**	**38**	*950 E*	**960**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
TOTAL VOCs					22,000	4,800	2,432	1,760	2,000	1,180	1,650	1,449	1,000	590	NSPD	1,274	490	378	0	1,540

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Eff)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by:DRS
Date:2/8/08
Checked by:RFM
Date:2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-11A Cont.															
Sample Collection Date:					May-25-04	May-25-04	Sept-28-04	Dec-21-04	Mar-25-05	June-27-05	Oct-23-05	Jan-05-06	Jan-05-06	Mar-17-06	July-11-06	Dec-18-06	Dec-18-06	May-02-07	Nov-14-07
Dilution:					2.00	5.00	5.00	5.00	5.00	5.00	5.00	2.00	5.00	2.50	2.50	2.00	5.00	5.00	2.50
Volatile Organic Compounds (ug/l)																			
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	142	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	310	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	420	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	285	*500 E*	**610**	**600**	**540**	**520**	**420**	**400**	***540*** *E*	**540**	**460**	**310**	***450*** *E*	**420** D	**490**	**290**
trans-1,2-dichloroethene	156605	5.0	5	total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	1,554	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	2,082	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	267	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	680	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	1,550	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	712	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	3	*740 E*	**900**	**980**	**750**	**790**	**500**	**510**	***660*** *E*	**720**	**470**	**340**	***560*** *E*	**540D**	**500**	**320**
o-xylene	95476	5.0	5	2,080	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/1064 23	5.0	5	total	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					0	1,510	1,580	1,290	1,310	920	910	1,200	1,260	930	650	1,010	960	990	610

NOTES:
Base = Baseline sample collected 12/14/90
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Eff.
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-14															
Sample Collection Date:					Base	Mar-29-00	Mar-29-00	Jun-22-00	Aug-21-00	Nov-30-00	Mar-27-01	Jun-13-01	Jun-13-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	March-27-03	Jul-11-03
Dilution:					2.00	2.50	1.00	2.00	2.00	2.50	2.00	2.00	5.00	2.00	2.00	2.00	NA	2.00	1.00	1.00
Volatile Organic Compounds (ug/l)																				
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**360**	**360**	*390 E*	**390**	**290**	**440**	**360**	*430 E*	**410**	**350**	**340**	**390**	NCD	**310**	**160**	*320 E*
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	**6.5**	ND	ND	ND	ND	ND	ND	ND	**9.2**	ND	NCD	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	**150**	**170**	**170**	**140**	**77**	**160**	**30**	**62**	**44**	**36**	**26**	**40**	NCD	**62**	**37**	**140**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND
TOTAL VOCs					510	530	176.5	530	367	600	390	62	454	386	375.2	430	NCD	372	197	140

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-14 Cont.															
Sample Collection Date:					Jul-11-03	Oct-21-03	Feb-05-04	May-25-04	Sept-26-04	Dec-21-04	Mar-24-05	June-26-05	Oct-23-05	Oct-23-05	Jan-04-06	Jan-04-06	Mar-17-06	July-20-06	Dec-18-06	May-02-07
Dilution:					2.50	NA	2.50	1.00	2.50	2.50	2.50	2.50	2.50	5.00	1.00	2.50	2.50	2.50	2.00	2.00
Volatile Organic Compounds (ug/l)																				
acetone	67641	20	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	142	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	310	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	420	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	500	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	285	**280**	NCD	**400**	**320**	**380**	**300**	**310**	**290**	**420**	**400**	**380** E	**350**	**320**	**250**	**310**	**270**
trans-1,2-dichloroethene	156605	5.0	5	total	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	1,584	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	2,062	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	267	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	880	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	1,550	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	712	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	3	**110**	NCD	**290**	**64**	**320**	**44**	**42**	**62**	*550E*	**530**	**420** E	**410**	**190**	**120**	**120**	**86**
n-xylene	95476	5.0	5	2,080	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	total	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					390	NCD	690	384	700	344	352	352	420	930	800	760	510	370	430	356

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-14A (Deep Well)														
Sample Collection Date:					Base	Jun-22-00	Mar-27-01	Jun-13-01	Jun-13-01	Sep-28-01	Dec-19-01	Mar-27-02	Jun-25-02	Sept-19-02	Jan-20-03	March-27-03	Jul-11-03	Oct-21-03	Feb-05-04
Dilution:					1.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)																			
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**26**	**130**	**140**	*210 E*	**200**	**10**	**100**	**200**	**170**	**14**	**120**	**170**	**49**	**5.4**	**160**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	**12**	**13**	**15**	**14**	ND	**9.7**	**18**	**15**	ND	**7**	**10**	ND	ND	**8.1**
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	**11**	**18**	**32**	**29**	ND	**5.9**	**26**	**14**	ND	ND	5	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	**13**	**280**	**29**	**34**	**31**	ND	**30**	**19**	**48**	**7.9**	**32**	**39**	**20**	**6.5**	**54**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					53	433	200	81	274	10	145.6	265.7	247	21.9	159	224	69	12	222.1

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Eff)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-14A (Deep Well) Cont.											
Sample Collection Date:					May-25-04	Sept-28-04	Dec-21-04	Mar-24-05	June-28-05	Oct-23-05	Jan-04-06	Mar-17-06	July-13-06	Dec-18-06	May-02-07	Nov-14-07
Dilution:					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)																
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**160**	**16**	**14**	**88**	**84**	**12**	**47**	**48**	**13**	**43**	**39**	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	**6.8**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	-	**287**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	**61**	**19**	**8.7**	**78**	**55**	**15**	**57**	**40**	**10**	**42**	**29**	**7.2**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					227.8	35	22.7	166.0	139.0	27.0	104.0	88.0	23.0	85.0	68.0	7.2

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-15				
Sample Collection Date:					Mar-25-05	June-27-05	Oct-23-05	Jan-04-06	Mar-17-06
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	5.0	-	**142**	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	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	5.0	-	-	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	**9.3**	**10.0**	**12.0**	**8.2**	**6.2**
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	**5**	**285**	**6.4**	ND	ND	ND	ND
trans-1,2-dichloroethene	156605	5.0	**5**	**total**	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	**5**	**1,584**	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND
toluene	108883	5.0	**5**	**680**	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	**5**	**1,550**	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	**5**	**712**	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	**5**	**3**	ND	ND	ND	ND	ND
o-xylene	95476	5.0	**5**	**2,080**	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	**5**	**total**	ND	ND	ND	ND	ND
TOTAL VOCs					15.7	10.0	12.0	8.2	6.2

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected. Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-15A (Note: Well filled with gravel June 25, 2002)								
Sample Collection Date:					Base	Base	Jun-22-00	Mar-27-01	Jun-13-01	Jun-13-01	Sep-28-01	Dec-19-01	Mar-27-02
Dilution:					1.00	5.00	2.00	2.00	2.00	10.00	2.00	2.00	2.50
Volatile Organic Compounds (ug/l)													
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	14	ND	ND	ND	ND	ND	ND	ND	2.9
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	2.8
cis-1,2-dichloroethene	156592	5.0	5	**285**	*950 E*	**830**	**340**	**210**	*1,000 E*	**1,200**	**200**	**220**	**380**
trans-1,2-dichloroethene	156605	5.0	5	**total**	**93**	**72**	**23**	**23**	**79**	**90**	**11**	**12**	**28**
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	**13**	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	**65**	**48**	**50**	**21**	**37**	ND	**47**	**21**	**65**
vinyl chloride	75014	5.0	5	**3**	*390 E*	**270**	**49**	**30**	**340**	**420**	ND	**32**	**15**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					185	1,220	462	284	456	1,710	258	285	493.7

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by RFM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW 16A (Deep Well)																
Sample Collection Date:					Base	Mar-29-00	Jun-22-00	Aug-21-00	Mar-27-01	Jun-13-01	Sep-28-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-06-04	May-25-04
Dilution:					500.00	20.00	25.00	20.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	NA	10.00	10.00	10.00	10.00	10.00
Volatile Organic Compounds (ug/l)																					
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	270	260	200	180	170	140	150	120	88	81	NSPD	150	120	120	110	170
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	21	ND	ND	NSPD	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**9,400**	**3,800**	**3,100**	**3,200**	**2,000**	**2,000**	**1,800**	**1,600**	**1,300**	**1,300**	**1,200**	NSPD	**1,200**	**1,100**	**1,300**	**1,200**	**1,400**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	**150**	ND	ND	ND	**21**	ND	ND	NSPD	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	NSPD	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	**56,000**	**410**	**290**	**200**	**160**	**120**	**89**	**120**	**82**	**55**	ND	NSPD	**240**	**200**	**250**	**160**	**970**
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NSPD	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	**17,000**	**2,200**	**1,300**	**910**	**1,100**	**1,000**	**730**	**690**	**840**	**480**	**260**	NSPD	**1,200**	**560**	**430**	**330**	**790**
vinyl chloride	75014	5.0	5	**3**	ND	**620**	**620**	**1,100**	**460**	**710**	**610**	**500**	**440**	**380**	**340**	NSPD	**430**	**330**	**380**	**330**	**380**
o-xylene	95476	5.0	5	**2,080**	**3,800**	**110**	ND	ND	ND	ND	ND	ND	**12**	ND	ND	NSPD	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	**8,400**	ND	170	ND	ND	**80**	**50**	ND	**19**	ND	ND	NSPD	ND	ND	ND	ND	ND
TOTAL VOCs					94,600	7,410	5,740	5,610	4,050	4,080	3,419	3,060	2,875	2,303	1,881	NSPD	3,220	2,310	2,480	2,130	3,710

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by:DRS
Date:2/6/08
Checked by:REM
Date:2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW 16A (Deep Well) Cont.																	
Sample Collection Date:					Sept-26-04	Dec-21-04	Dec-21-04	Mar-25-05	Mar-25-05	June-27-05	June 27-05	Oct-23-05	Jan-04-06	Jan-04-06	Mar-17-06	July-11-06	Dec-21-06	May-02-07	Nov-14-07		Nov-14-07	
Dilution:					10.00	10.00	20.00	10.00	20.00	20.00	100.00	10.00	2.00	10.00	10.00	10.00	10.00	5.00	1.00		10.00	
Volatile Organic Compounds (ug/l)																						
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
2-Butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
1,1-dichloroethane	75343	5.0	-	**500**	240	200	190	210	200	410	ND	120	150	150	120	100	180	74	88		87	
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	160	ND	ND	18	ND	ND	ND	ND	ND	ND		ND	
cis-1,2-dichloroethene	156592	5.0	5	**285**	**1,900**	*2,100 E*	**2,100**	*2,200E*	**2,100**	**2,300**	**2,300**	**1,200**	*1200E*	**1,200**	**1,100**	**1200**	**1500**	**860**	***980***	*E*	***960***	*D*
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	**16**	ND	ND	ND	ND	ND	12		ND	
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
1,1,1-trichloroethane	71556	5.0	5	**1,550**	**1,200**	*2,100 E*	**2,200**	*2,000E*	**2,000**	*16,000E*	**17,000**	**230**	*540E*	**530**	**630**	**210**	**840**	**190**	***210***	*E*	***200***	*D*
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
trichloroethene	79016	5.0	5	**712**	**970**	**1,400**	**1,500**	**1,200**	**1,100**	**3,000**	**3,000**	**630**	*820E*	**800**	**590**	**460**	**930**	**160**	***370***	*E*	***330***	*D*
vinyl chloride	75014	5.0	5	**5**	**240**	**310**	**300**	**310**	**300**	**390**	ND	**330**	**330**	**320**	**260**	**280**	**430**	**170**	***240***	*E*	***210***	*D*
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	
m+p xylene	1093833/1064 23	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND	13	ND	ND	ND	ND	ND	ND		ND	
TOTAL VOCs					4,550	1,910	6,290	1,720	5,700	6,260	22,300	2,510	527	3,000	2,700	2250	3880	1454	1910		1787	

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Eff)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by:DRS
Date:2/5/08
Checked by:RFM
Date:2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-16R																		
Sample Collection Date:					Jun-22-00	Aug-21-00	Mar-27-01	Jun-13-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Oct-21-03	Feb-05-04	Feb-05-04	May-25-04	Sept-26-04	Sept-26-04	Dec-21-04
Dilution:					50 or 100	10.00	5.00	5.00	5.00	2.00	2.50	5.00	50.00	5 or 10	5.00	2.00	2.00	2.50	2.00	20.00	20.00	20.00	100.00	25.00
Volatile Organic Compounds (ug/l)																							
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	28	35	26	38	440	390	72	53	42	100	99	130	110	150	370	ND	290
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	5.7	ND	44	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	**350**	**1,800**	**84**	**71**	**550**	**320**	**440**	*3,000 E*	**3,000**	**1,300**	**780**	**140**	*430 E*	**450**	*2,200 E*	**2,300**	**2,100**	*4,600 E*	**4,700**	**1,600**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	11	24	**50**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	**1,800**	ND	**26**	**38**	ND	**3.4**	ND	**30**	ND	**32**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**880**	850	ND	ND	ND	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	**3,900**	ND	**270**	**600**	**380**	**320**	**350**	*2,900 E*	**2,700**	**570**	**460**	**230**	**160**	**160**	*370 E*	**300**	**140**	**480**	**520**	**330**
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	**11,000**	ND	**600**	**990**	**250**	**290**	**500**	*6,900 E*	**9,400**	**26**	**140**	**46**	**47**	**50**	**110**	**110**	**460**	*12,000 E*	**12,000**	*12,000 E*
vinyl chloride	75014	5.0	5	**3**	ND	**1,300**	ND	ND	ND	**11**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-xylene	95476	5.0	5	**2,080**	**7,600**	ND	**110**	**140**	**25**	**6.6**	ND	**50**	ND	**46**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/1064 23	5.0	5	**total**	**13,000**	ND	**65**	**94**	ND	**5.9**	ND	**49**	ND	**52**	**26**	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					38,500	3,100	1,155	1,961	1,240	1,001.7	1,352	673	15,490	2,098	1,459	458	307	759	250	2,820	2,850	850	17,220	2,220

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-16R Cont.																			
Sample Collection Date					Dec-21-04	Mar-24-05	June-28-05	June-28-05	Oct-24-05	Oct-24-05	Jan-05-06		Jan-05-06	Mar-17-06	July-13-06	Dec-18-06	May-02-07		May-02-07		Nov-14-07		Nov-14-07	
Dilution:					100.00	20.00	20.00	200.00	20.00	100.00	25.00		1,000.00	25.00	20.00	10.00	10.00		20.00		10.00		25.00	
Volatile Organic Compounds (ug/l)																								
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		68		ND	
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
1,1-dichloroethane	75343	5.0	-	**500**	ND	250	440	ND	**610**	**590**	**980**		**1000**	**1600**	**2000**	**1300**	**1900**		**2000**		**1400**		**1400**	
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		66		66	
cis-1,2-dichloroethene	156592	5.0	5	**285**	**1,500**	**930**	*6300E*	**6,000**	**3,500**	**3,500**	***6,500***	*E*	**6,200**	**3,800**	**2,100**	**840**	**2,900**	E	**3,000**	D	**2,700**	E	**2,600**	D
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	**120**	**960**	ND	**470**	ND	**630**		**610**	**250**	**160**	**94**	**280**		**290**		**280**		**270**	
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
trichloroethene	79016	5.0	5	**712**	**14,000**	**3,300**	*30000E*	**30,000**	*16000E*	**15,000**	***14,000***	*E*	**14,000**	**4,500**	**1,900**	**390**	**2,900**	E	**3,000**	D	**3,800**	E	**3,600**	D
vinyl chloride	75014	5.0	5	**3**	ND	ND	ND	ND	ND	ND	**150**		ND	ND	ND	**58**	**72**		ND		110		ND	
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	ND		ND		ND		ND	
TOTAL VOCs	-				15,500	4,600	1,400	36,000	4,580	19,090	22,260		21,810	10,150	6,160	2,682	8,052		8,290		8,424		7,936	

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-18				
Sample Collection Date:					Mar-24-05	Oct-24-05	Jan-04-06	Mar-17-06	May-02-07
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	5.0	-	**142**	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	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	5.0	-	-	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	ND	ND	ND	ND	ND
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND
TOTAL VOCs					0	0	0	0	0

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-22																
Sample Collection Date:					Base	Jun-22-00	Mar-27-01	Jun-13-01	Dec-19-01	Mar-20-02	Jun-25-02	Sept-19-02	Jan-20-03	Mar-27-03	Jul-11-03	Oct-21-03	Feb-05-04	May-25-04	Sept-26-04	Dec-21-04	Mar-24-05
Dilution:					1.00	1.00	1.00	1.00	1.00	1.00	1.00	NA	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)																					
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	76	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	**11**	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	**5.7**	ND	ND	**48**	ND	ND
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					76	ND	ND	ND	ND	ND	ND	NCD	ND	ND	ND	5.7	ND	ND	59	0	0

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effluent Sample only)
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled
Well MW-15A was filled with gravel and is no longer sampled.

Prepared by DRS
Date 2/6/08
Checked by REM
Date 2/7/08

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-22 cont.							
Sample Collection Date:					June-26-05	Oct-23-05	Jan-04-06	Mar-17-06	July-13-06	Dec-18-06	May-02-07	Nov-14-07
Dilution:					1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Volatile Organic Compounds (ug/l)												
acetone	67641	20	-	-	ND	ND	ND	ND	ND	ND	ND	ND
benzene	71432	5.0	-	**142**	ND	ND	ND	ND	ND	ND	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
bromoform	75252	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
bromomethane	74839	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND
carbon disulfide	75150	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND	ND	ND	ND	ND	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND	ND	ND	ND	ND	ND	ND
chloroform	67663	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
chloromethane	74873	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND	**13**	ND	ND	ND	ND	ND	**17**
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
ethylbenzene	100414	5.0	5	**1,584**	ND	ND	ND	ND	ND	ND	ND	ND
2-hexanone	591786	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND
methylene chloride	75092	5.0	-	**2,062**	ND	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND	ND	ND	ND	ND	ND	ND
styrene	100425	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND	ND	ND	ND	ND	ND	ND
toluene	108883	5.0	5	**680**	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND	ND	ND	ND	ND	ND	ND
vinyl chloride	75014	5.0	5	**3**	ND	**36**	ND	ND	ND	**8.7**	**34**	**12**
o-xylene	95476	5.0	5	**2,080**	ND	ND	ND	ND	ND	ND	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND	ND	ND	ND	ND	ND	ND
TOTAL VOCs					0	49	0	0	0	8.7	34	29

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Effl
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCO = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled.

Table 1B (Wells 11-22)
Quarterly Groundwater Data, November 2007
Leica Microsystems, Eggert Road
Cheektowaga, NY

ANALYTE	CAS	Method Detection Limit	RAOs GW	BSA Discharge Limits	MW-22A	
Sample Collection Date					May-03-07	Nov-14-07
Dilution					1.00	1.00
Volatile Organic Compounds (ug/l)						
acetone	67641	20	-	-	ND	ND
benzene	71432	5.0	-	**142**	ND	ND
bromodichloromethane	75274	5.0	-	-	ND	ND
bromoform	75252	5.0	-	-	ND	ND
bromomethane	74839	5.0	-	-	ND	ND
2-butanone (MEK)	78933	10	-	-	ND	ND
carbon disulfide	75150	10	-	-	ND	ND
carbon tetrachloride	56235	5.0	-	-	ND	ND
chlorobenzene	108907	5.0	-	**310**	ND	ND
chloroethane	75003	5.0	-	**420**	ND	ND
chloroform	67663	5.0	-	-	ND	ND
chloromethane	74873	5.0	-	-	ND	ND
dibromochloromethane	124481	5.0	-	-	ND	ND
1,1-dichloroethane	75343	5.0	-	**500**	ND	ND
1,2-dichloroethane	107062	5.0	-	-	ND	ND
1,1-dichloroethene	75354	5.0	-	-	ND	ND
cis-1,2-dichloroethene	156592	5.0	5	**285**	ND	ND
trans-1,2-dichloroethene	156605	5.0	5	**total**	ND	ND
1,2-dichloropropane	78875	5.0	-	-	ND	ND
cis-1,3-dichloropropene	542756	5.0	-	-	ND	ND
trans-1,3-dichloropropene	542756	5.0	-	-	ND	ND
ethylbenzene	100414	5.0	5	**1,564**	ND	ND
2-hexanone	591786	10	-	-	ND	ND
methylene chloride	75092	5.0	-	**2,082**	ND	ND
4-methyl-2-pentanone (MIBK)	108101	10	-	-	ND	ND
styrene	100425	5.0	-	-	ND	ND
1,1,2,2-tetrachloroethane	79345	5.0	-	-	ND	ND
tetrachloroethene	127184	5.0	-	**267**	ND	ND
toluene	108883	5.0	5	**680**	ND	ND
1,1,1-trichloroethane	71556	5.0	5	**1,550**	ND	ND
1,1,2-trichloroethane	79005	5.0	-	-	ND	ND
trichloroethene	79016	5.0	5	**712**	ND	ND
vinyl chloride	75014	5.0	5	**3**	5	ND
o-xylene	95476	5.0	5	**2,080**	ND	ND
m+p xylene	108383/106423	5.0	5	**total**	ND	ND
TOTAL VOCs					5	0

NOTES:
Base = Baseline sample collected 12/14/99
RAOs GW = Remedial Action Objectives for Groundwater
CAS = Chemical Abstract Service registry number
Bold = Exceeds RAOs for groundwater (Not applicable to Treatment System Effluent)
Bold/Shaded = Exceeds Buffalo Sewer Authority Discharge Limits (Groundwater Treatment Eff
ND = Not Detected
E = Exceeds Calibration Range
D = Sample reanalyzed and quantified at higher dilution
NCD = (sample) Not Collected, Dry well
NSPD = Not sampled, pump down
Well MW-11 was removed during excavation and is no longer sampled.
Well MW-15A was filled with gravel and is no longer sampled

Table 2
Groundwater Eleveation Data
May 2007

Well Number	Depth to Water (ft.)	Depth to Bottom (ft.)	Top of PVC Elevation	Water Column (ft.)	Well ID (inches)	One Well Volume (gal.)	Water Elevation (ft.)	Notes
MW-1	5.83	10.80	662.38	4.97	2	0.81	656.55	
MW-1A	13.9	26.20	663.48	12.30	4	8.03	649.58	
MW-2	7.29	7.82	657.01	0.53	2	0.09	649.72	
MW-2A	7.29	29.41	657.02	22.12	4	14.44	649.73	
MW-3	5.99	10.39	655.94	4.40	2	0.72	649.95	
MW-4	6.14	12.17	655.57	6.03	2	0.98	649.43	
MW-5	4.98	11.21	654.80	6.23	2	1.02	649.82	Dark, odor
MW-5A	5.33	39.22	654.84	33.89	4	22.13	649.51	
MW-6	8.96	14.91	660.84	5.95	2	0.97	651.88	Dry, 2 well volumes
MW-6A	9.75	20.75	659.38	11.00	4	7.18	649.63	Clear
MW-7	6.62	12.39	658.21	5.77	2	0.94	651.59	
MW-8 [1]	Removed during excavation							
MW-9	5.81	10.56	654.99	4.75	2	0.77	649.18	
MW-9A	5.96	59.48	NM	NM	4	NM	NM	
MW-10	4.36	10.15	655.48	5.79	2	0.94	651.12	Dark - odor
MW-11 [1]	Removed during excavation							
MW-11A	NM	Bedrock well with groundwater pump						
MW-12	Damaged							
MW-13	2.40	10.41	654.66	8.01	2	1.31	652.26	
MW-13A	4.67	45.16	655.13	40.49	4	26.44	650.46	
MW-14	1.81	10.65	653.38	8.84	2	1.44	651.57	
MW-14A	5.73	34.85	653.70	29.12	4	19.02	647.97	clear
MW-15	Filled with Gravel							
MW-15A [1]	Filled with Gravel							
MW-15B	9.82	55.5						
MW-16R [2]	8.45	12.11	660.04	3.66	2	0.60	651.59	cloudy
MW-16A	NM	Bedrock well with groundwater pump						
MW-17A	2.07	39.55	659.18	37.48	4	24.47	657.11	
MW-18	9.49	12.89	662.51	3.40	2	0.55	653.02	
MW-19	7.61	13.41	660.84	5.80	2	0.95	653.23	
MW-20	4.55	11.78	659.12	7.23	2	1.18	654.57	
MW-22	2.10	10.18	652.51	8.08	2	1.32	650.41	cloudy to clear
MW-22A	6.94	46.50	654.80	39.56	6	58.15	647.86	
MW-23	Not Measured, unable to locate.							

Notes

1 Monitoring well accidently damaged or removed during excavation activities in Area C
2 Monitoring well MW-16R installed to replace MW-16
3 NL = Not Located
4 NM = Not Measured
5 NA = Not Applicable

Table 3
Groundwater Elevation Data
November 2007

Well Number	Depth to Water (ft.)	Depth to Bottom (ft.)	Top of PVC Elevation	Water Column (ft.)	Well ID (inches)	One Well Volume (gal.)	Water Elevation (ft.)	Notes
MW-1	7.70	10.80	662.38	3.10	2	0.51	654.68	
MW-1A	19.02	26.20	663.48	7.18	4	4.69	644.46	
MW-2	DRY	7.68	657.01	0.00	2	0.00	0.00	
MW-2A	12.48	29.41	657.02	16.93	4	11.06	644.54	
MW-3	9.10	10.39	655.94	1.29	2	0.21	646.84	
MW-4	12.02	12.04	655.57	0.02	2	0.00	643.55	
MW-5	8.92	11.21	654.80	2.29	2	0.37	645.88	Dark, odor
MW-5A	9.12	39.22	654.84	30.10	4	19.66	645.72	
MW-6	14.42	14.80	660.84	0.38	2	0.06	646.42	No Sample
MW-6A	15.12	20.60	659.38	5.48	4	3.58	644.26	Light Rusty
MW-7	10.58	12.39	658.21	1.81	2	0.30	647.63	
MW-8 [1]	Removed during excavation							
MW-9	DRY	10.44	654.99	0.00	2	0.00	0.00	
MW-9A	11.34	59.48	NM	NM	4	NM	NM	
MW-10	8.88	10.04	655.48	1.16	2	0.19	646.60	Dark water, odor
MW-11 [1]	Removed during excavation							
MW-11A	17.30	Bedrock well with groundwater pump						
MW-12	Damaged							
MW-13	DRY	10.28	654.66	0.00	2	0.00	0.00	
MW-13A	10.80	45.16	655.13	34.36	4	22.44	644.33	
MW-14	DRY	10.52	653.38	0.00	2	0.00	0.00	cloudy
MW-14A	10.50	34.18	653.70	23.68	4	15.46	643.20	dark water to clear
MW-15	Filled with Gravel							
MW-15A [1]	Filled with Gravel							
MW-15B	14.82	55.5						
MW-16R [2]	9.00	11.98	660.04	2.98	2	0.49	651.04	cloudy to clear
MW-16A	Bedrock well with groundwater pump							
MW-17A	6.36	39.55	659.18	33.19	4	21.67	652.82	
MW-18	11.12	12.89	662.51	1.77	2	0.29	651.39	
MW-19	11.10	13.41	660.84	2.31	2	0.38	649.74	
MW-20	DRY	11.58	659.12	0.00	2	0.00	0.00	
MW-22	8.08	10.02	652.51	1.94	2	0.32	644.43	cloudy to clear
MW-22A	11.62	46.60	654.80	34.98	6	51.42	643.18	cloudy to clear
MW-23	Not Measured, unable to locate.							

Notes

1 Monitoring well accidently damaged or removed during excavation activities in Area C
2 Monitoring well MW-16R installed to replace MW-16
3 NL = Not Located
4 NM = Not Measured
5 NA = Not Applicable

ENERGYSOLUTIONS

August 22, 2006
Ref. No. 31128-034

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

Subject: August 8, 2006 Meeting Summary
Leica, Inc. Site; Erie County, Cheektowaga, NY
Inactive Hazardous Waste Disposal Site No. 915156

Dear Mr. Walia:

As we discussed during the subject meeting at the former Leica facility, we are providing the following summary of the results of the meeting. Several changes to the current groundwater monitoring program were discussed during the meeting and are summarized below.

1. Installation of additional wells

   - As requested, Energy*Solutions* will install a new deep well at location MW-22. Scheduling for this activity will be dependent on the cooperation of the property owner and availability of access and could take some time to arrange and complete. We may have to remove some trees in the area.

2. Existing wells to be added to the monitoring schedule

   - As requested, Energy*Solutions* will collect groundwater samples periodically from monitoring wells MW-3, MW-5, MW-5A and the new deep well MW-22A

3. Energy*Solutions* proposes the following revisions to the monitoring program schedule

Well Number	Current Sampling Frequency	**Proposed Sampling Frequency**	Current Elevation Monitoring Frequency	**Proposed Elevation Monitoring Frequency**	**Comments**
MW-1	None	**None**	Quarterly	**Semi-Annual**	
MW-1A	Quarterly	**Annual**	Quarterly	**Semi-Annual**	
MW-2	None	**None**	Quarterly	**Semi-Annual**	
MW-2A	None	**None**	Quarterly	**Semi-Annual**	
MW-3	None	**Annual**	Quarterly	**Semi-Annual**	
MW-4	Quarterly	**None**	Quarterly	**Semi-Annual**	

143 West Street • New Milford, Connecticut 06776
860.355.8194 • Fax: 860.355.3295 • www.energysolutions.com

Well Number	Current Sampling Frequency	Proposed Sampling Frequency	Current Elevation Monitoring Frequency	Proposed Elevation Monitoring Frequency	Comments
MW-5	None	**Annual**	Quarterly	**Semi-Annual**	
MW-5A	None	**Annual**	Quarterly	**Semi-Annual**	
MW-6	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-6A	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-7	Quarterly	**None**	Quarterly	**Semi-Annual**	
MW-8	None	**None**	None	**None**	Not Located
MW-9	None	**None**	Quarterly	**Semi-Annual**	
MW-9A	None	**None**	Quarterly	**Semi-Annual**	
MW-10	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-11	None	**None**	None	**None**	Removed during excavation
MW-11A	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	Pumping Well
MW-12	None	**None**	Quarterly	**Semi-Annual**	
MW-13	None	**None**	Quarterly	**Semi-Annual**	
MW-13A	None	**None**	Quarterly	**Semi-Annual**	
MW-14	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-14A	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-15	Quarterly	**None**	Quarterly	**None**	Well filled with stones from parking area
MW-16R	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-16A	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	Pumping Well
MW-17A	None	**None**	Quarterly	**Semi-Annual**	
MW-18	Quarterly	**Annual**	Quarterly	**Semi-Annual**	
MW-19	None	**None**	Quarterly	**Semi-Annual**	
MW-20	None	**None**	Quarterly	**Semi-Annual**	
MW-22	Quarterly	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-22A	None	**Semi-Annual**	Quarterly	**Semi-Annual**	
MW-23	None	**None**	None	**None**	Not accessible

Proposed Semi-annual sampling will be performed in late spring (April) and also in the fall (October). Proposed Annual sampling will be performed in April. Based on this revised sampling schedule, periodic Status Reports required by the Consent Order would be submitted semi-annually following the completion of the April and October sampling. An annual report would be submitted in January or February of the following year.

Energy*Solutions* also proposes performance of sub-slab soil gas sampling and indoor air sampling at the facility. Before completing this air quality sampling, we will prepare and submit a plan to the DEC for approval. We anticipate submittal of this plan by the middle of September. The plan will include information regarding sampling locations and collection methods, Quality Assurance requirements and specified laboratory analyses. Sample collection methods will be in compliance with NYSDOH sub-slab and indoor air sampling protocols. Once the plan has been submitted and approved, we will complete the sampling.

Sub-slab soil gas data will be compared to available NYSDOH standards. Based on our understanding that chlorinated solvents are not used as a part of the current Samson Distributing facility operations, the air quality data from inside the building will be compared to NYSDOH Standards.

In conjunction with the completion of the sub-slab soil gas and indoor air sampling, Energy*Solutions* will also prepare and submit a plan to remediate soils beneath the building floors as discussed during the meeting. The indoor air quality would be monitored regularly during the remediation process to ensure that it remains acceptable. Remediation plans will include information regarding air monitoring requirements.

While we are in the process of preparing these plans, we will continue the groundwater monitoring program and the operation and maintenance of the groundwater recovery system. The next periodic groundwater sampling and monitoring effort would be completed in October, 2006. Based on the location of MW-22A on adjacent property, and the time needed to obtain authorization and gain access to install the well, we do not expect this well to be in place for the October sampling event.

If you have any questions regarding this meeting summary information, please feel free to call me at 801-303-1092 or 860-355-8194 (dial 1 for name list and enter robertmcpeak).

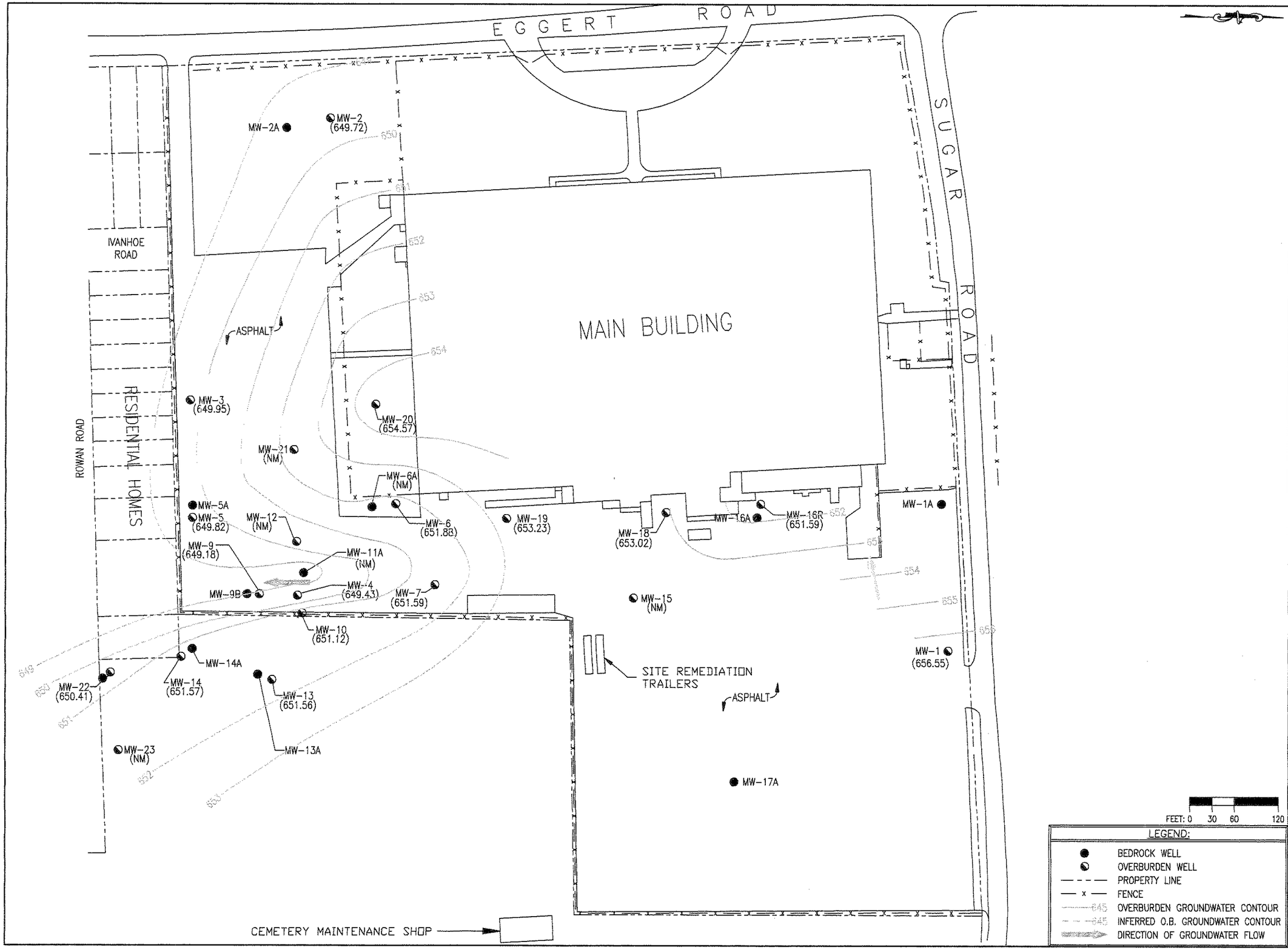
Sincerely,
Energy*Solutions*, LLC

Robert E. McPeak, Jr., P.E., LEP
Department Manager, Environmental Services

cc: D. Simkowski
A. Szklany
C. Grabinski
R. Downey
G. Hollerbach
C. O'Conner
E. Doubleday

Appendix B

Groundwater Monitoring Figures



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- OVERBURDEN GROUNDWATER CONTOUR
- INFERRED O.B. GROUNDWATER CONTOUR
- DIRECTION OF GROUNDWATER FLOW

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

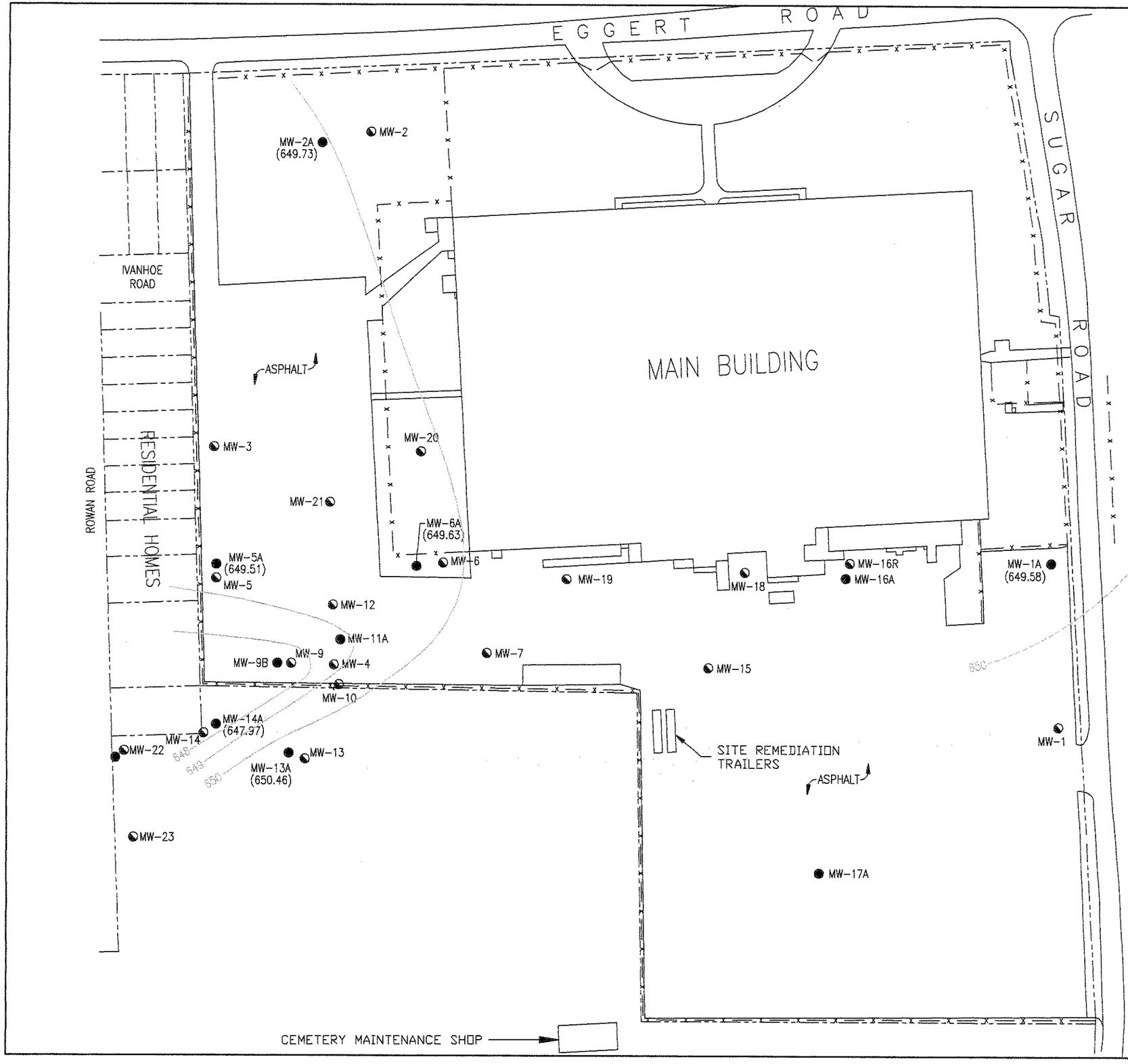
GROUNDWATER CONTOURS
MAY 2007 – OVERBURDEN WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015
FILE NAME: 137015-ANNUAL-07
SCALE: 1" =120'
DATE: 2/5/08
BY: MR
CK: RM
FIGURE # 1



DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

GROUNDWATER CONTOURS
MAY 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGYSOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

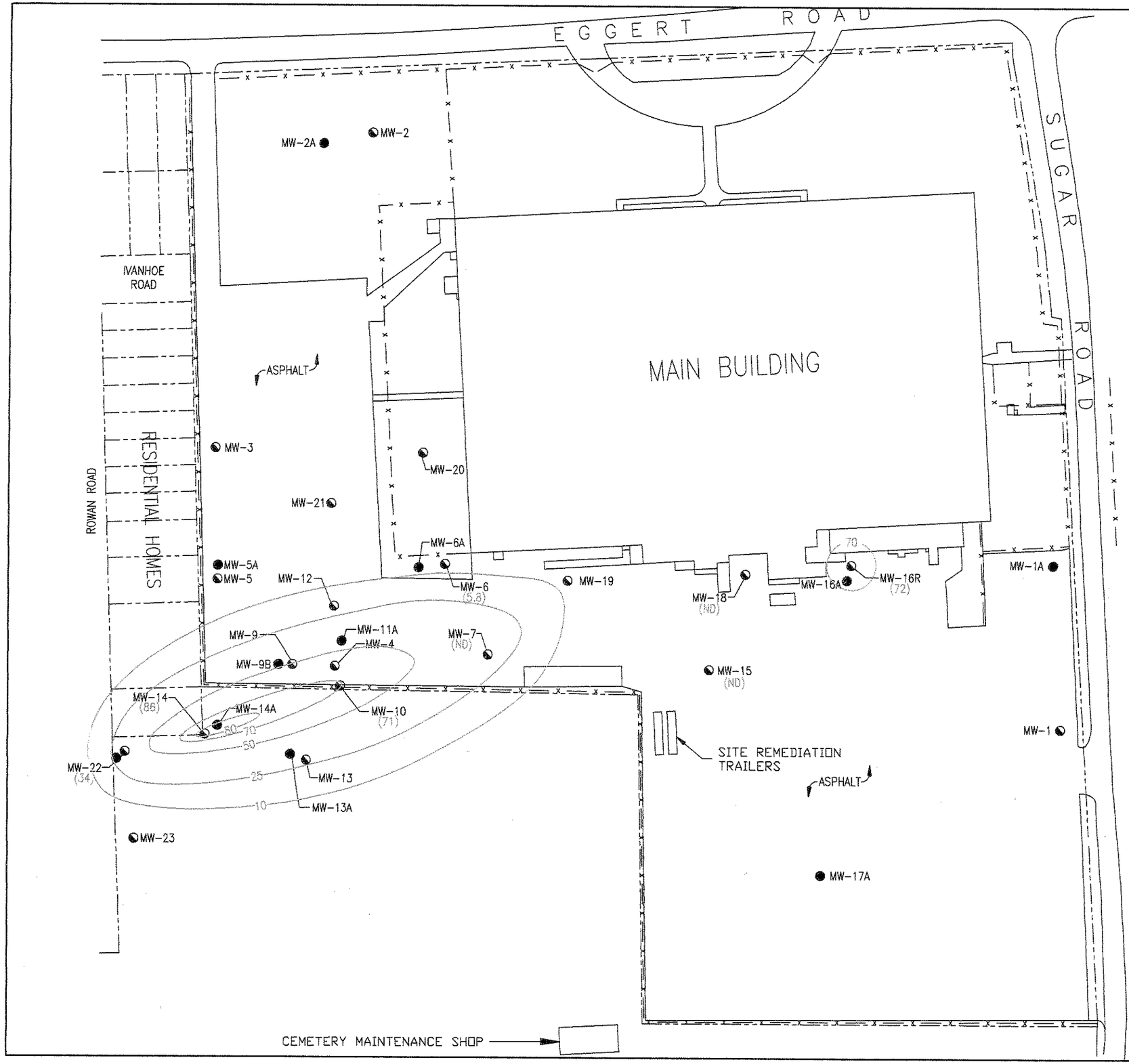
PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE: 1"=120' DATE: 2/5/08

BY: MR CK: RM

FIGURE # 2



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- 100 VINYL-CHLORIDE CONCENTRATION (ug/L)
- 100 INFERRED VINYL-CHLORIDE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

VINYL CHLORIDE
MAY 2007 – OVERBURDEN WELLS

PROJECT

DRAWING

ENERGYSOLUTIONS

THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE: 1"=120' DATE: 2/5/08

BY: MR CK: RM

FIGURE # 3

EGGERT ROAD

SUGAR ROAD

IVANHOE ROAD

ROWAN ROAD

RESIDENTIAL HOMES

MAIN BUILDING

ASPHALT

SITE REMEDIATION TRAILERS

ASPHALT

CEMETERY MAINTENANCE SHOP

MW-1
MW-1A
MW-2
MW-2A (ND)
MW-3
MW-4
MW-5
MW-5A (19)
MW-6
MW-6A (170)
MW-7
MW-9
MW-9B
MW-10
MW-11A (800)
MW-12
MW-13
MW-13A
MW-14
MW-14A (29)
MW-15
MW-16A (170)
MW-16R
MW-17A (ND)
MW-18
MW-19
MW-20
MW-21
MW-22
MW-22A (5)
MW-23

150
300
50
25
15

FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- 100 VINYL CHLORIDE CONCENTRATION (ug/L)
- 100 INFERRED VINYL-CHLORIDE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

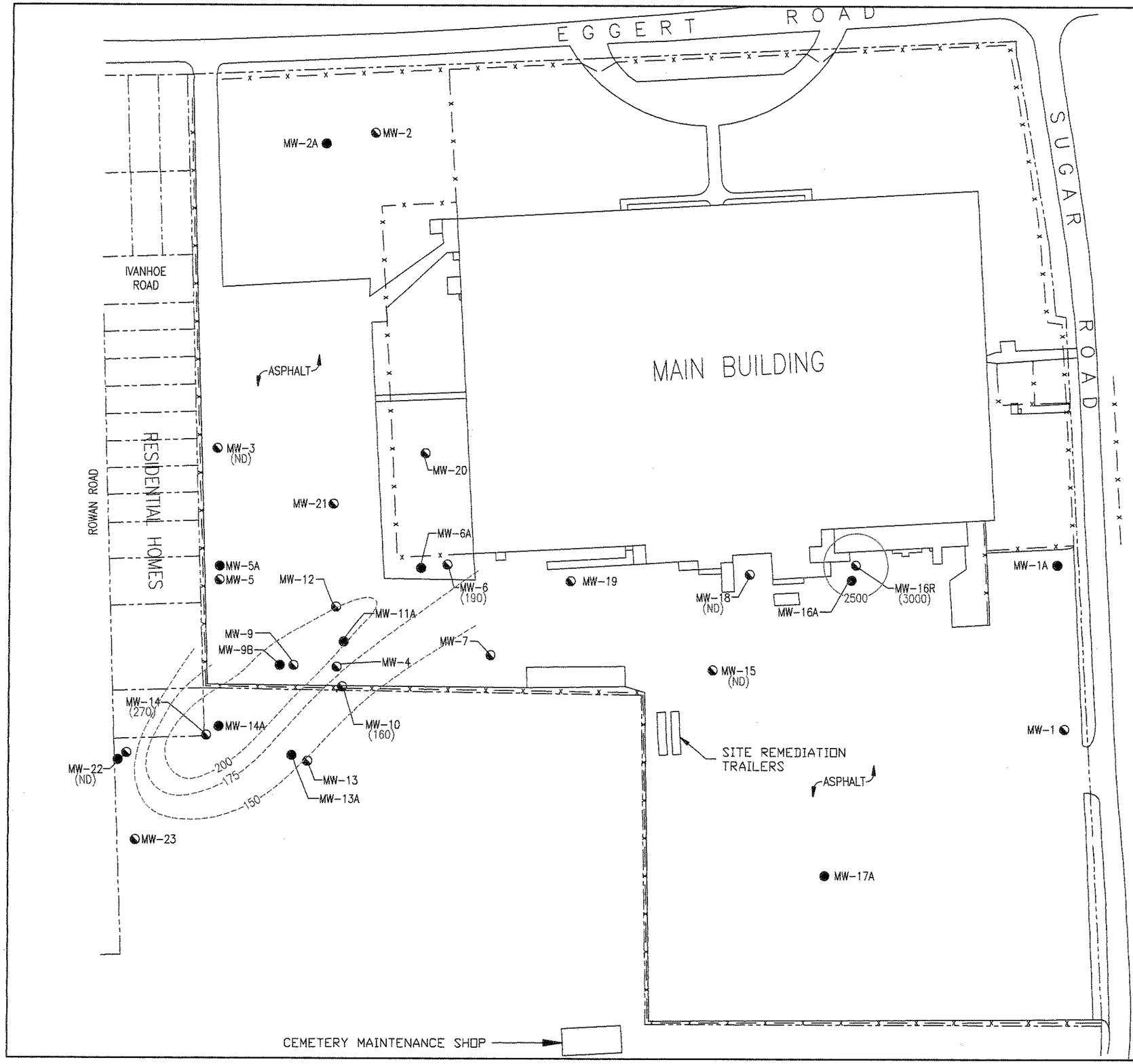
VINYL CHLORIDE
MAY 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015
FILE NAME: 137015-ANNUAL-07
SCALE: 1" =120'
DATE: 2/5/08
BY: MR
CK: RM
FIGURE # 4



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- —200— CIS-1,2 DCE CONCENTRATION (ug/L)
- ---200--- INFERRED CIS-1,2 DCE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

CIS-1,2 DCE
MAY 2007 – OVERBURDEN WELLS

PROJECT

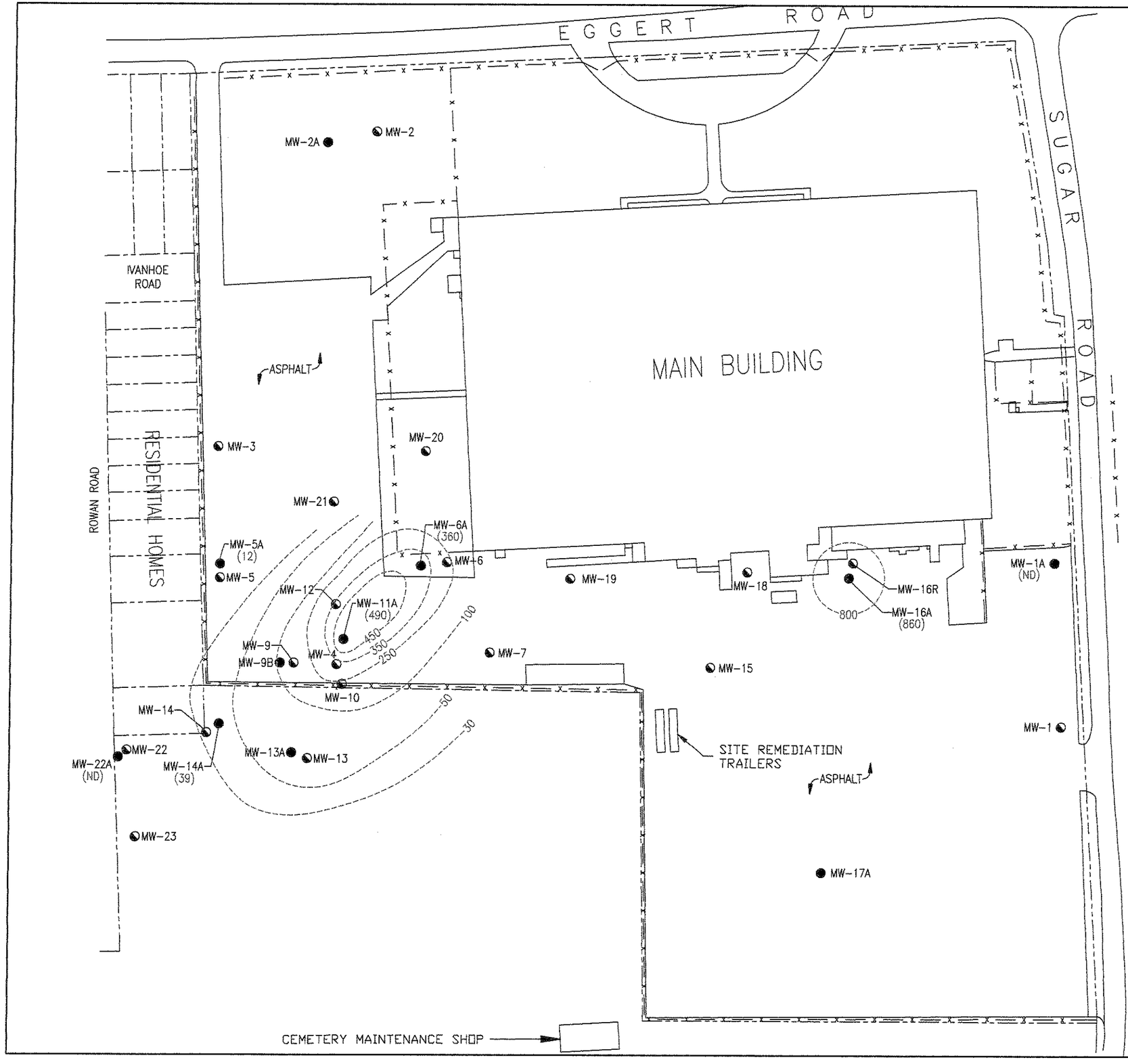
DRAWING

ENERGYSOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.:	
137015	
FILE NAME:	
137015-ANNUAL-07	
SCALE:	DATE:
1" =120'	2/5/08
BY:	CK:
MR	RM

FIGURE #

5



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- —300— CIS-1,2 DCE CONCENTRATION (ug/L)
- ---300--- INFERRED CIS-1,2 DCE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

CIS-1,2 DCE
MAY 2007 – BEDROCK WELLS

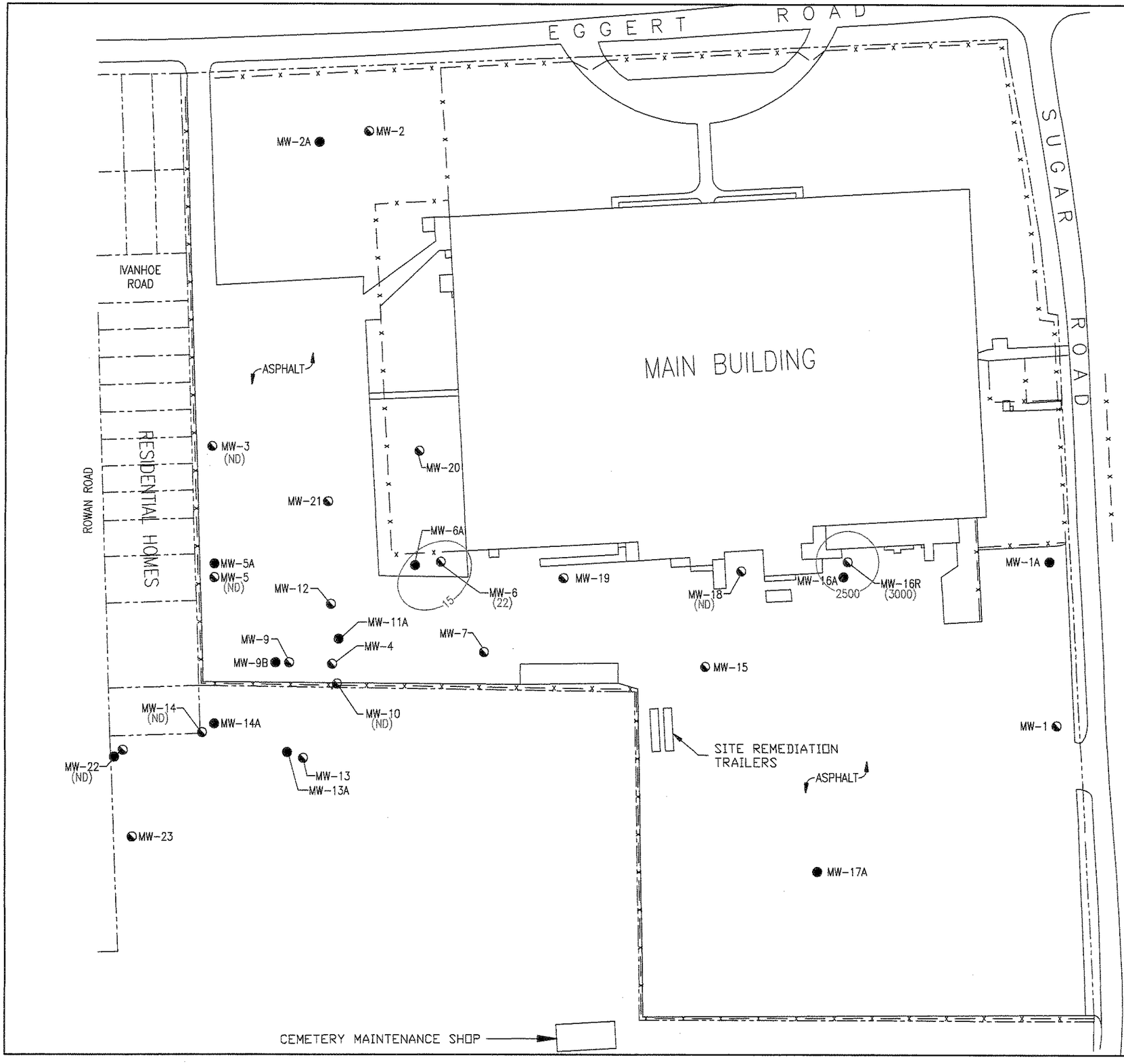
PROJECT

DRAWING

ENERGY SOLUTIONS

THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.:	
137015	
FILE NAME:	
137015-ANNUAL-07	
SCALE:	DATE:
1"=120'	2/5/08
BY:	CK:
MR	RM
FIGURE #	
6	



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- —250— TCE CONCENTRATION (ug/L)
- ---250--- INFERRED TCE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

TCE
MAY 2007 -- OVERBURDEN WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

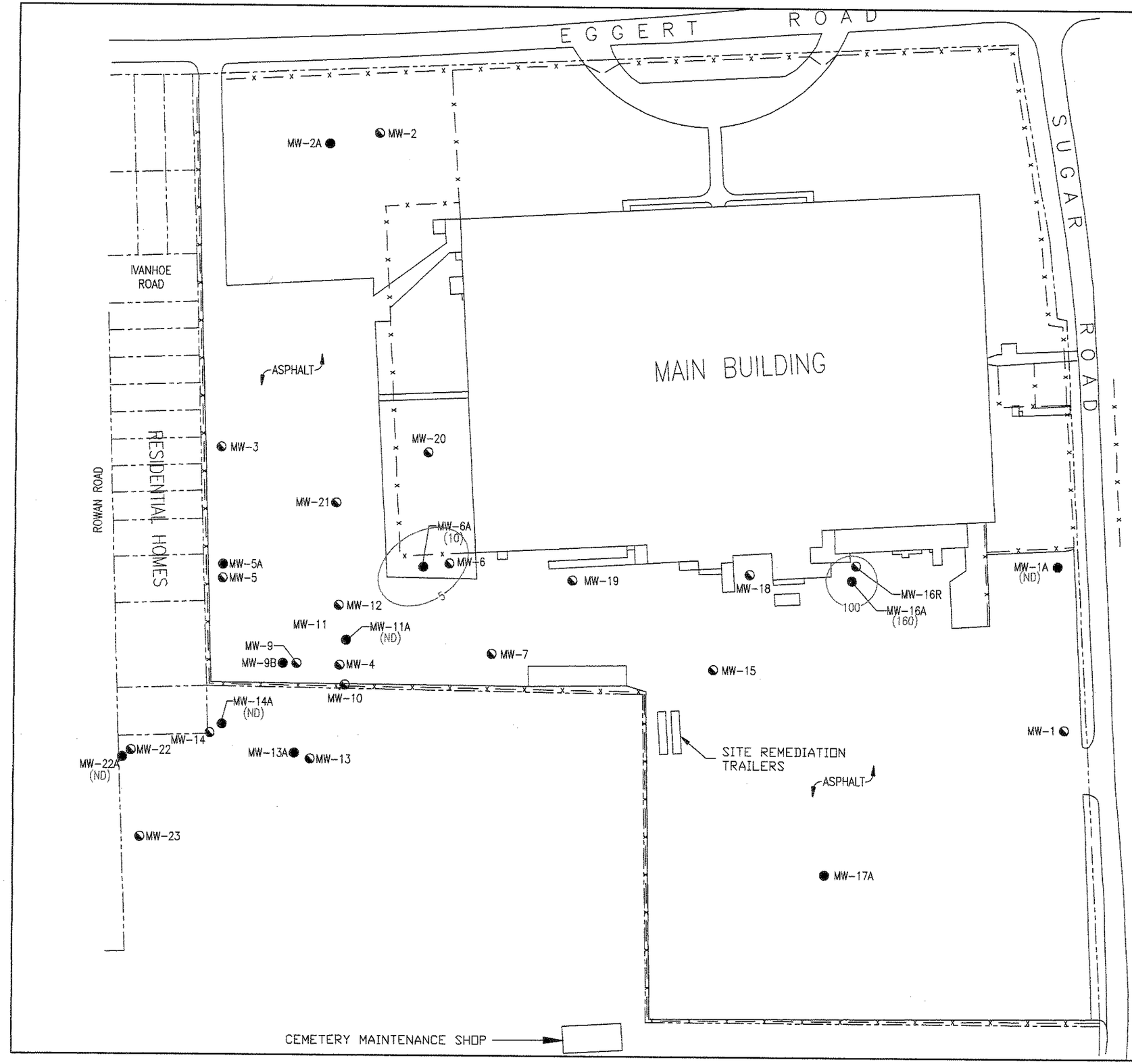
SCALE: 1" =120'

DATE: 2/5/08

BY: MR

CK: RM

FIGURE # 7



DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

TCE
2007 - BEDROCK WELLS
MAY 2008

PROJECT

DRAWING

ENERGYSOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

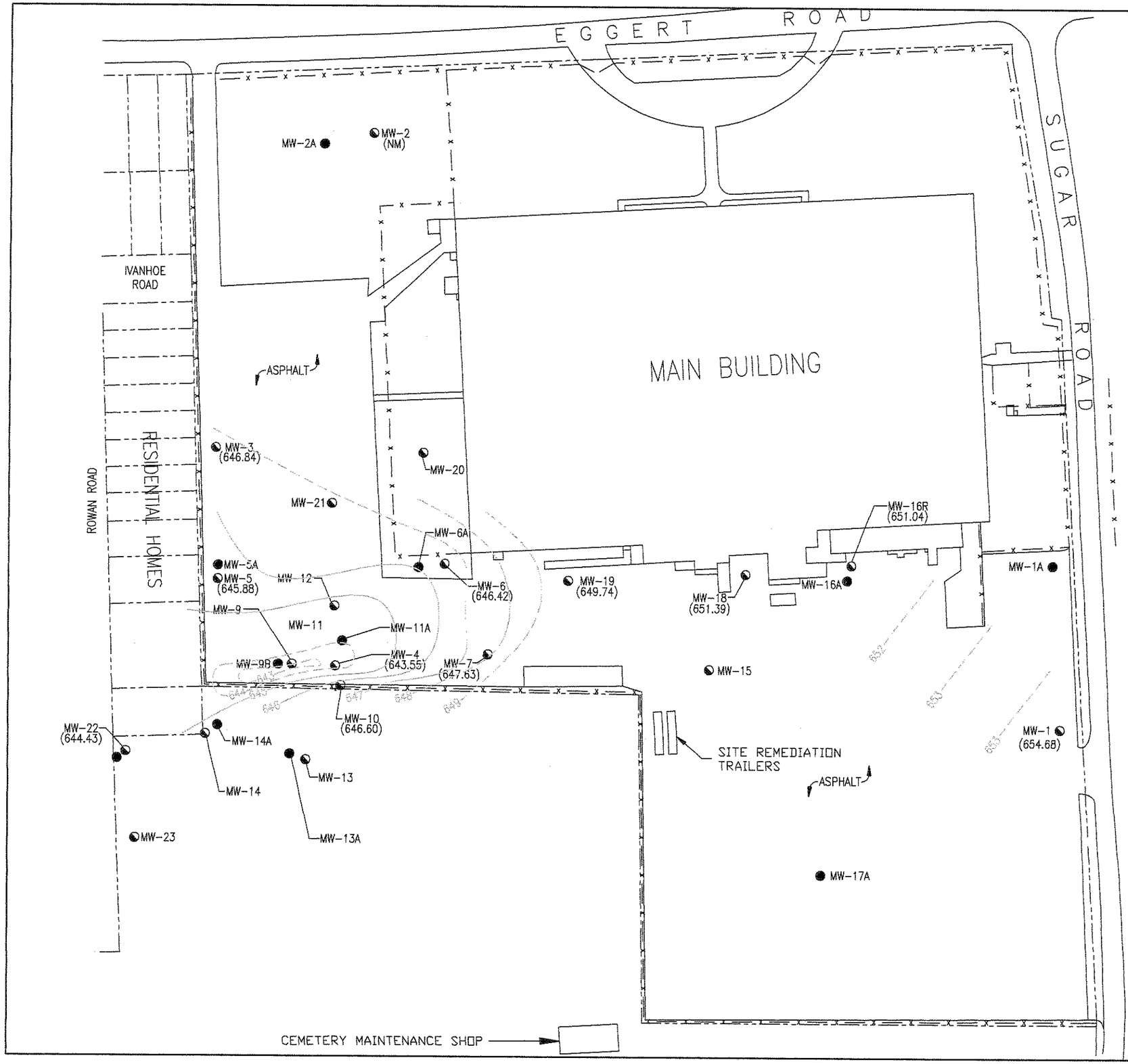
PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE:	DATE:
1" = 120'	2/5/08
BY:	CK:
MR	RM

FIGURE #

8



DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

GROUNDWATER CONTOURS
NOVEMBER 2007 – OVERBURDEN WELLS

PROJECT

DRAWING

ENERGYSOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

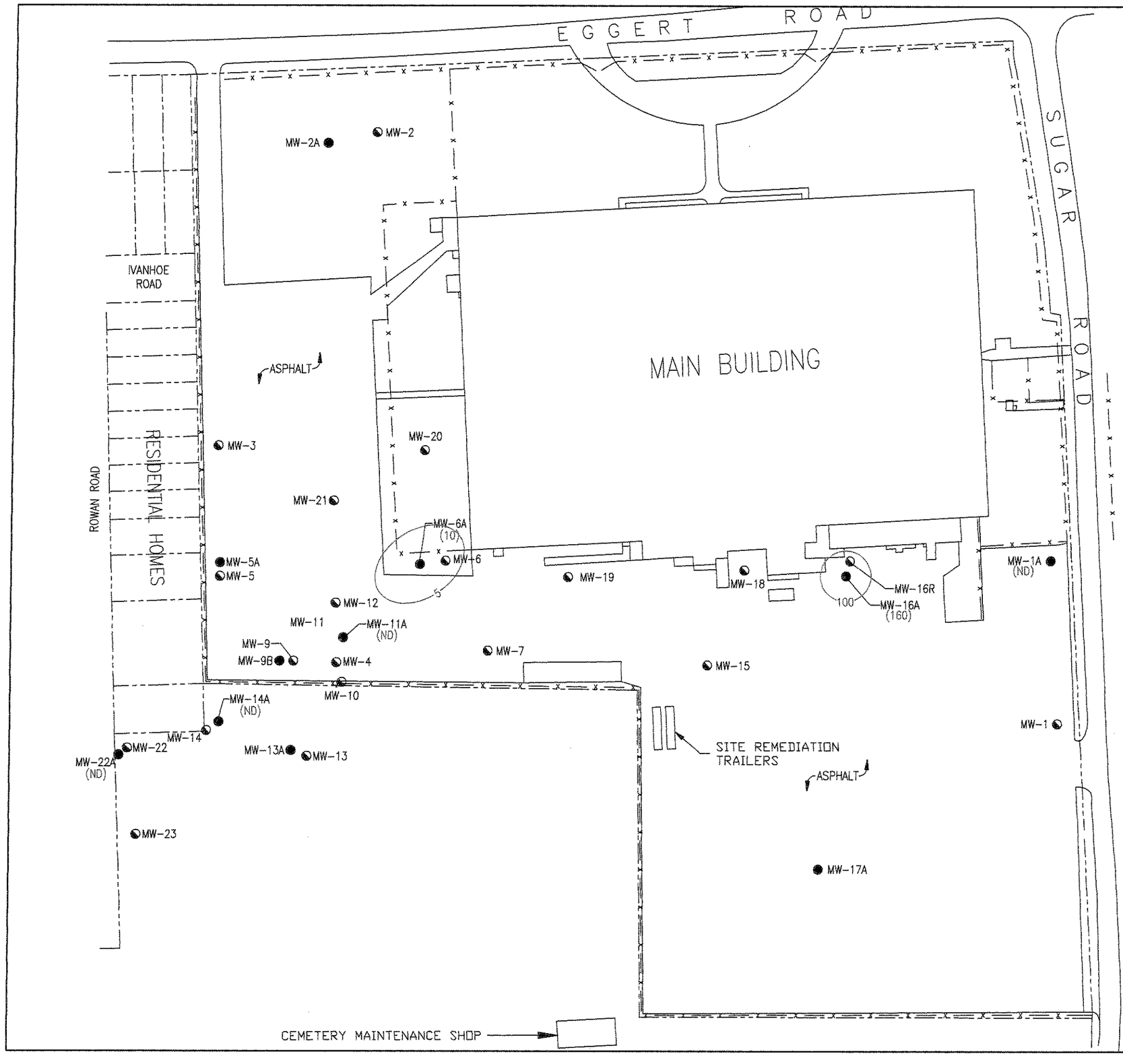
PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE: 1"=120' | DATE: 2/5/08

BY: MR | CK: RM

FIGURE # 9



●	BEDROCK WELL
◉	OVERBURDEN WELL
————	PROPERTY LINE
— x —	FENCE
—1000—	TCE CONCENTRATION (ug/L)
--1000--	INFERRED TCE CONCENTRATION (ug/L)

FEET: 0 30 60 120

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

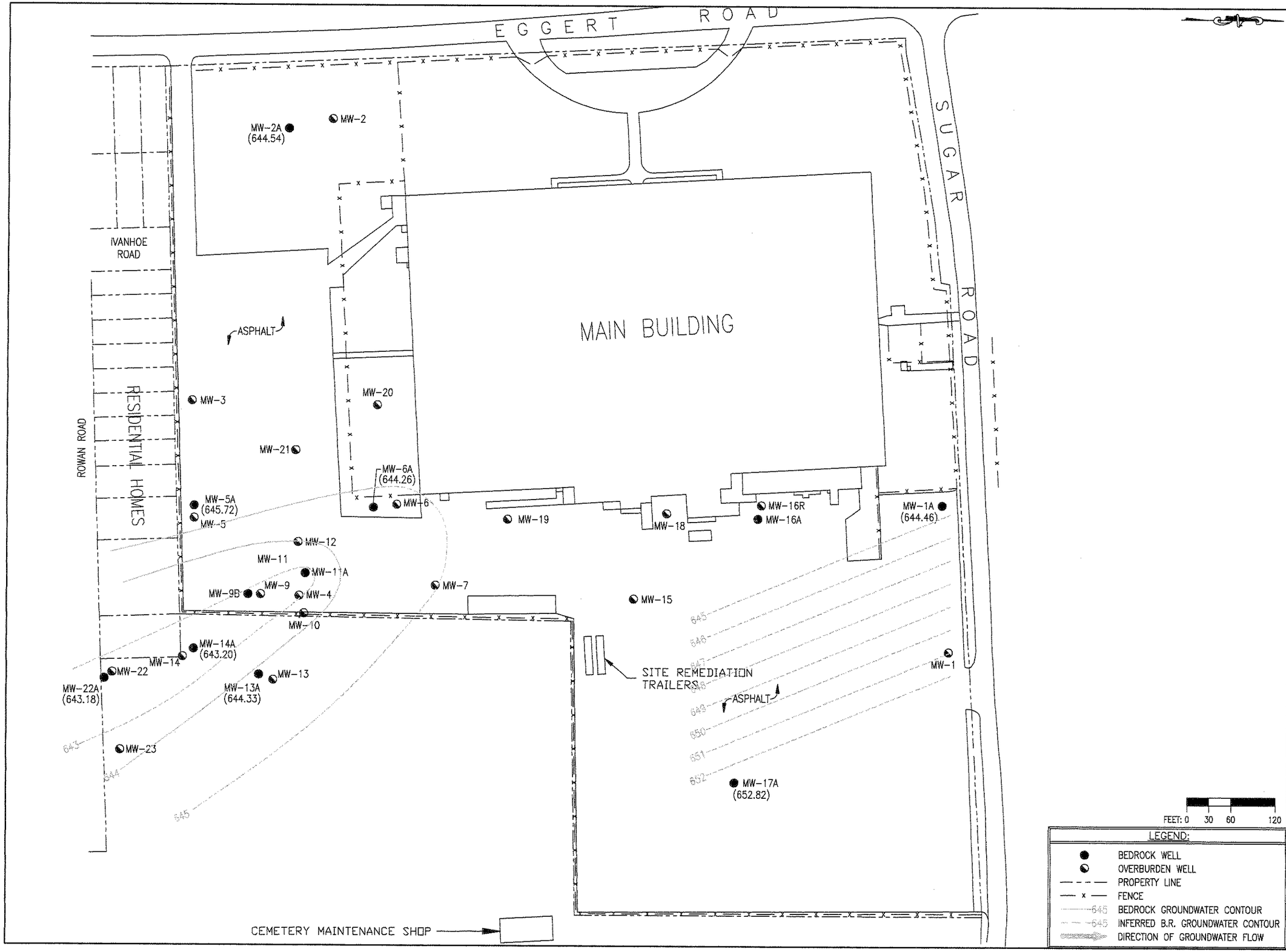
TCE
MAY 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015
FILE NAME: 137015-ANNUAL-07
SCALE: 1" =120'
DATE: 2/5/08
BY: MR
CK: RM
FIGURE # 8



DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

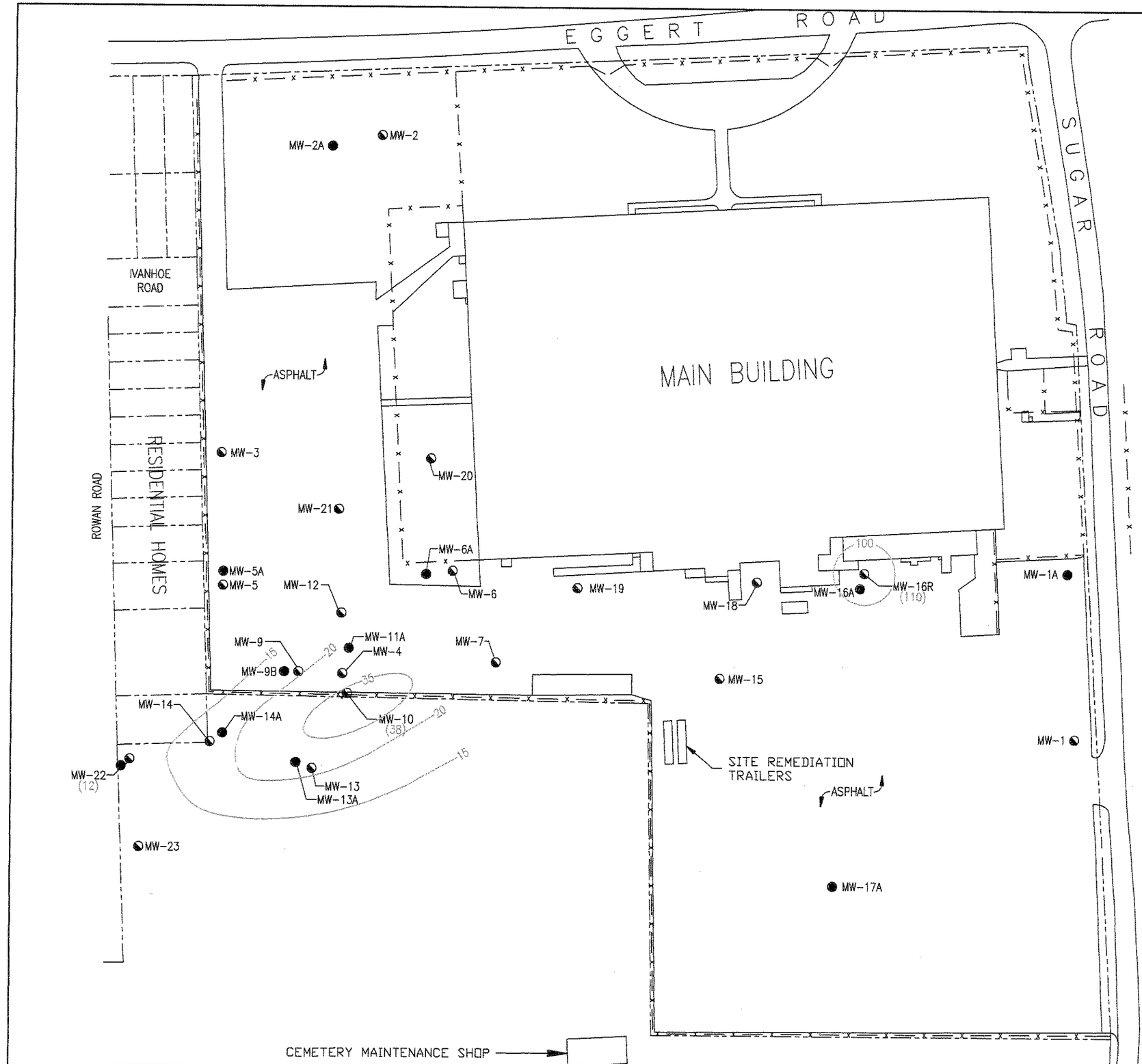
GROUNDWATER CONTOURS
NOVEMBER 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015
FILE NAME: 137015-ANNUAL-07
SCALE: 1"=120'
DATE: 2/5/08
BY: MR
CK: RM
FIGURE # 10



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- 100 VINYL-CHLORIDE CONCENTRATION (ug/L)
- 100 INFERRED VINYL-CHLORIDE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

VINYL CHLORIDE
NOVEMBER 2007 – OVERBURDEN WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

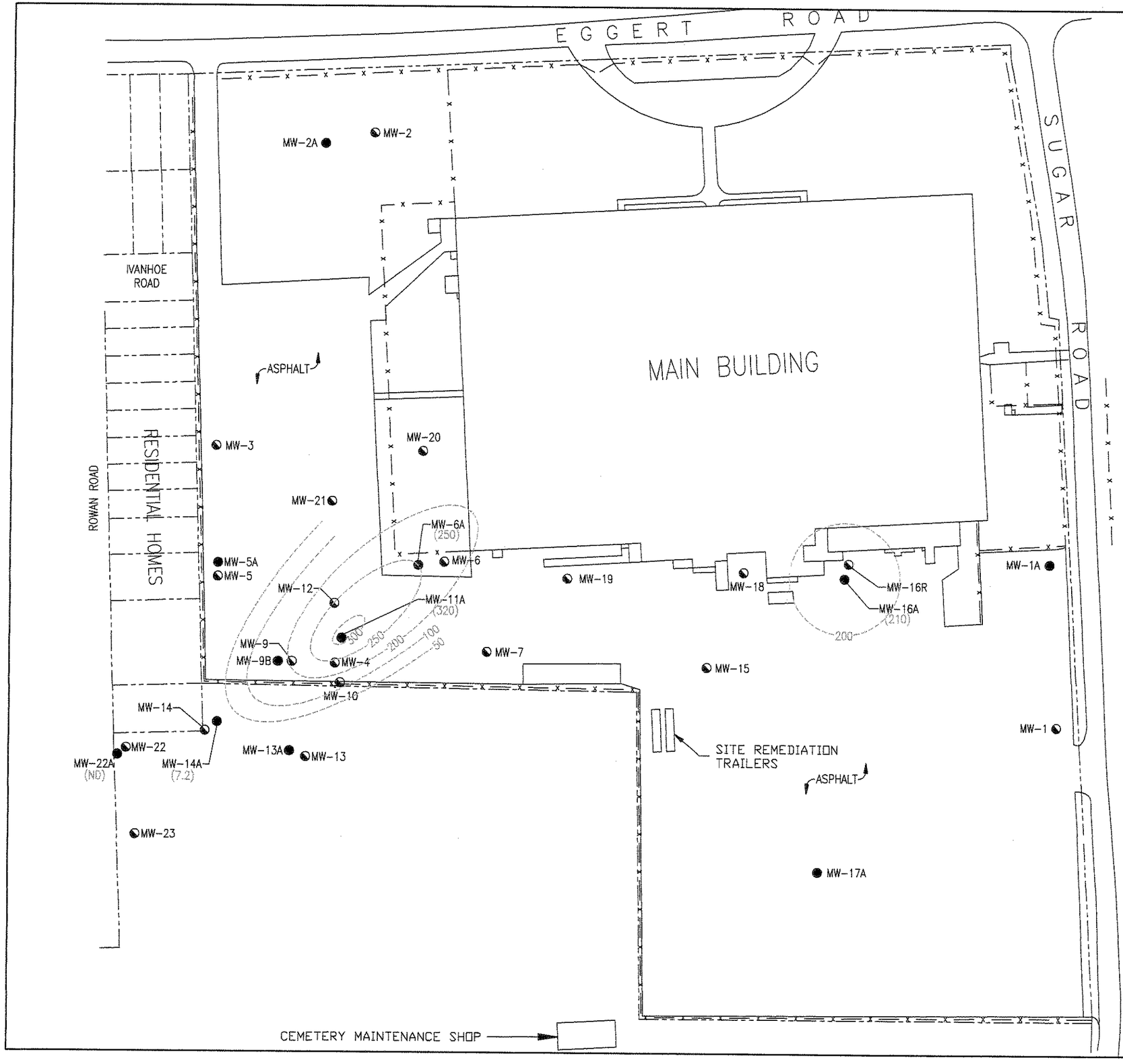
PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE:	DATE:
1" = 120'	2/5/08
BY:	CK:
MR	RM

FIGURE #

11



DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

VINYL CHLORIDE
NOVEMBER 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGYSOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

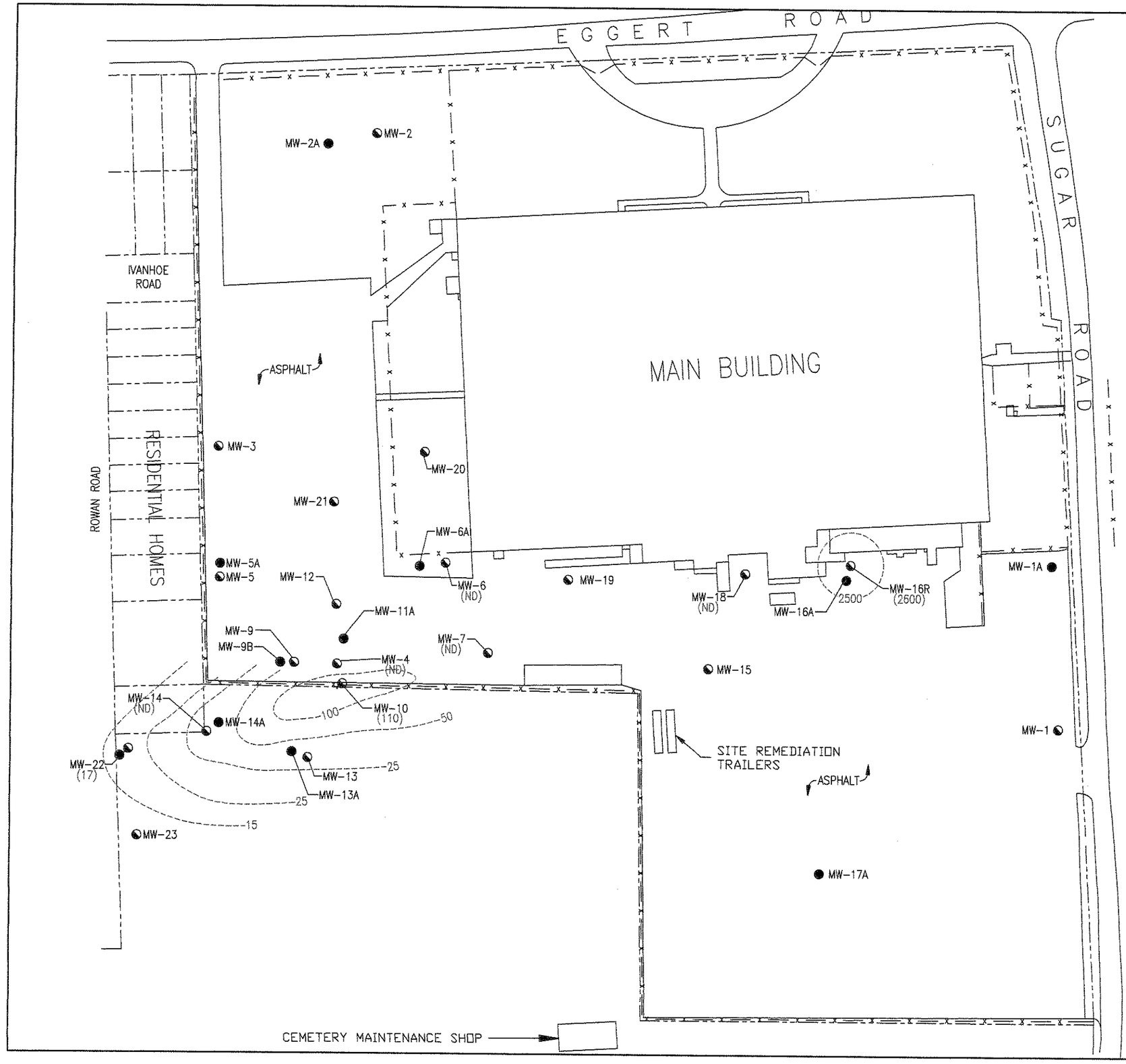
PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE:	DATE:
1" =120'	2/5/08
BY:	CK:
MR	RM

FIGURE #

12



FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- —200— CIS-1,2 DCE CONCENTRATION (ug/L)
- ---200--- INFERRED CIS-1,2 DCE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

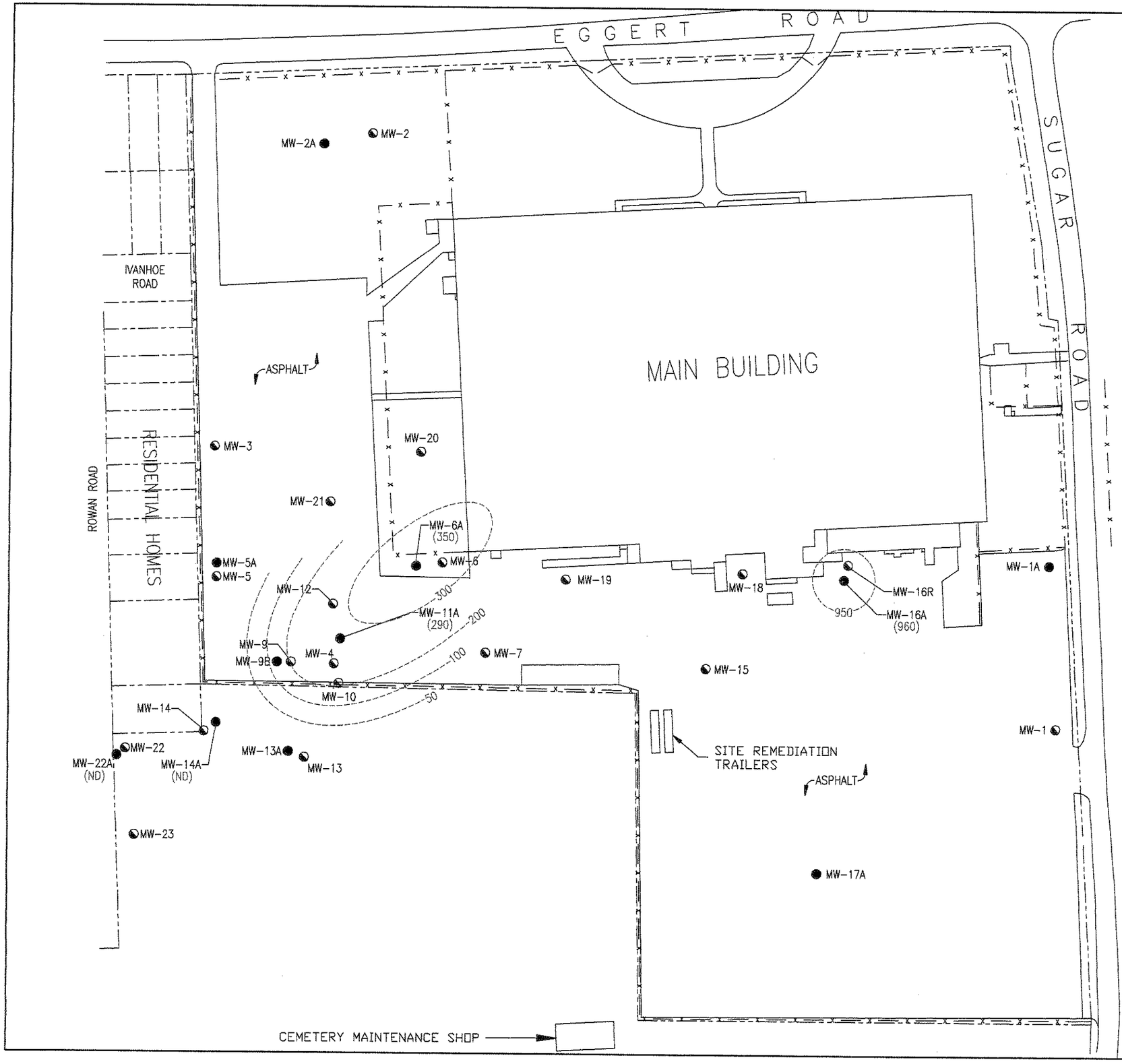
CIS-1,2 DCE
NOVEMBER 2007 – OVERBURDEN WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015
FILE NAME: 137015-ANNUAL-07
SCALE: 1" =120' DATE: 2/5/08
BY: MR CK: RM
FIGURE #
13



DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

CIS-1,2 DCE
NOVEMBER 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS

THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.:	
137015	
FILE NAME:	
137015-ANNUAL-07	
SCALE:	DATE:
1" =120'	2/5/08
BY:	CK:
MR	RM

FIGURE #

14

EGGERT ROAD

SUGAR ROAD

IVANHOE ROAD

ROWAN ROAD

RESIDENTIAL HOMES

MAIN BUILDING

ASPHALT

SITE REMEDIATION TRAILERS

ASPHALT

CEMETERY MAINTENANCE SHOP

MW-2A
MW-2
MW-3
MW-20
MW-21
MW-6A
MW-5A
MW-5
MW-12
MW-6 (22)
15
MW-19
MW-18
MW-16A 3500
MW-16R (3600)
MW-1A
MW-11
MW-11A
MW-9
MW-9B
MW-4 (ND)
MW-7
MW-15
MW-14 (ND)
MW-14A
MW-10 (ND)
MW-22 (ND)
MW-1
MW-13
MW-13A
MW-23
MW-17A

FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- x FENCE
- —250— TCE CONCENTRATION (ug/L)
- ---250--- INFERRED TCE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

TCE
2007 – OVERBURDEN WELLS
NOVEMBER 2007

PROJECT

DRAWING

ENERGY SOLUTIONS

THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE: 1" =120' DATE: 2/5/08

BY: MR CK: RM

FIGURE # 15

EGGERT ROAD

SUGAR ROAD

IVANHOE ROAD

ROWAN ROAD

RESIDENTIAL HOMES

MAIN BUILDING

ASPHALT

SITE REMEDIATION TRAILERS

ASPHALT

CEMETERY MAINTENANCE SHOP

MW-2A
MW-2
MW-3
MW-20
MW-21
MW-6A (ND)
MW-6
MW-5A
MW-5
MW-19
MW-18
MW-16R
MW-16A (330)
300
MW-1A (ND)
MW-12
MW-11
MW-11A (ND)
MW-9
MW-9B
MW-4
MW-7
MW-15
MW-10
MW-14A (ND)
MW-14
MW-22
MW-22A (ND)
MW-13A
MW-13
MW-1
MW-23
MW-17A

FEET: 0 30 60 120

LEGEND:

- BEDROCK WELL
- OVERBURDEN WELL
- PROPERTY LINE
- FENCE
- —1000— TCE CONCENTRATION (ug/L)
- - -1000- - - INFERRED TCE CONCENTRATION (ug/L)

DOCUMENT CONTROL NO.

REVISION NO.

LEICA, INC.
EGGERT & SUGAR ROADS
CHEEKTOWAGA, NEW YORK

TCE

NOVEMBER 2007 – BEDROCK WELLS

PROJECT

DRAWING

ENERGY SOLUTIONS
THE BLEACHERY
143 WEST STREET
NEW MILFORD, CT. 06776
(860) 210-3000

PROJECT NO.: 137015

FILE NAME: 137015-ANNUAL-07

SCALE:	DATE:
1" =120'	2/5/08
BY: MR	CK: RM

FIGURE # 16

APPENDIX C

Analytical Data

Analytical Data	May 2007 and November 2007 Groundwater Analytical Data

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

May 25, 2007

Mr. Robert McPeak
Energy Solutions
143 West Street
New Milford, CT 06776

PROJECT:LEICA #137015.001.203.0001
Submission #:R2737442

Dear Mr. McPeak

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Karen Bunker

Karen Bunker
Project Manager

Enc.

Columbia Analytical Services inc.

1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Lab Submission # : R2737442
Project Manager : Karen Bunker
Reported : 05/25/07

Report Contains a total of 34 pages

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. Michael E. Perry

CASE NARRATIVE

COMPANY: Energy Solutions
Leica #137015.001.203.0001
SUBMISSION #: R2737442

Energy Solutions collected water samples on 5/2/07 and were received at the laboratory via CAS Courier on 5/3/07. The cooler temperatures upon receipt ranged from 1-6°C, within guidelines. All samples were received unbroken, without significant air bubbles in vials. Custody seals were not used on the coolers.

VOLATILE ORGANICS

A total of 16 waters were analyzed for a site specific list of Volatile Organics compounds by EPA Method 8260B from SW-846.

Batch QC is included in the report. All Reference Check Recoveries were within QC limits.

All Tuning criteria for BFB were within limits.

The Initial and continuing calibration criteria were met for all analytes.

All internal standard areas were within QC limits. .

All surrogate standard recoveries were within acceptance limits.

The 14 day Holding time for preserved vials was met for all samples.

All vials were properly preserved to pH <2. Vials are checked after analysis so as not to compromise the integrity of the sample. This is also noted on the Cooler Receipt and Preservation Check Form.

Analytes above the calibration range of the standards are flagged as "E". Samples were then reanalyzed at a higher dilution to obtain values within the proper range. All dilutions are included in the report package. Those hits flagged as "E" on this initial dilution are flagged as "D" on the subsequent dilution.

Laboratory Method Blanks associated with these samples were free of contamination.

No other analytical or QC problems were encountered.

Wet Chemistry

One (1) water sample was analyzed for Total Petroleum Hydrocarbons by Method 1664A.

Batch QC is included in the report. The Blank Spike recovery was within QC limits.

The Method Blank was free from contamination.

The holding time was met for this analysis.

No problems were encountered during the analysis of this sample.

Columbia Analytical Services inc.

This report contains analytical results for the following samples:

Submission #: R2737442

Lab ID	Client ID
999737	MW 1A
999738	MW 5
999739	MW 6
999740	MW 6A
999741	MW 10
999742	MW 11A
999743	MW 14
999744	MW 14A
999745	MW 16A
999746	MW 16R
999747	MW 18
999748	MW 22
999749	MW 3
999750	MW 5A
999751	MW 22A
999752	EFFLUENT

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

ORGANIC QUALIFIERS

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL. This flag is also used for DoD instead of "P" as indicated below.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 40% (25% for CLP) difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P" ("J" for DoD).

Q - for DoD only – indicates a pesticide/Aroclor target is not confirmed. This flag is used when there is ≥ 100% difference for the detected concentrations between the two GC columns.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

* - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania ID# 68-786
Rhode Island ID # 158
West Virginia ID # 292

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank. See Narrative for details.
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because the serial dilution did not meet criteria.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "AF" for Automated Cold Vapor Atomic Fluorescence Spectrometry
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania ID # 68-786
Rhode Island ID # 158
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 1A

Date Sampled : 05/02/07 08:50 **Order #:** 999737 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	104	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 5

Date Sampled : 05/02/07 11:40 **Order #:** 999738 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	100	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	104	%

07

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 6

Date Sampled : 05/02/07 09:10 **Order #:** 999739 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	190	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	22	UG/L
VINYL CHLORIDE	5.0	5.8	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	105	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 6A

Date Sampled : 05/02/07 09:25 **Order #:** 999740 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	380 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	11	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	10	UG/L
VINYL CHLORIDE	5.0	160	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	97	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 6A

Date Sampled : 05/02/07 09:25 **Order #:** 999740 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 2.50

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	50 U	UG/L
BENZENE	5.0	13 U	UG/L
BROMODICHLOROMETHANE	5.0	13 U	UG/L
BROMOFORM	5.0	13 U	UG/L
BROMOMETHANE	5.0	13 U	UG/L
2-BUTANONE (MEK)	10	25 U	UG/L
CARBON DISULFIDE	10	25 U	UG/L
CARBON TETRACHLORIDE	5.0	13 U	UG/L
CHLOROBENZENE	5.0	13 U	UG/L
CHLOROETHANE	5.0	13 U	UG/L
CHLOROFORM	5.0	13 U	UG/L
CHLOROMETHANE	5.0	13 U	UG/L
DIBROMOCHLOROMETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHANE	5.0	13 U	UG/L
1,2-DICHLOROETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHENE	5.0	13 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	360 D	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	13 U	UG/L
1,2-DICHLOROPROPANE	5.0	13 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
ETHYLBENZENE	5.0	13 U	UG/L
2-HEXANONE	10	25 U	UG/L
METHYLENE CHLORIDE	5.0	13 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	25 U	UG/L
STYRENE	5.0	13 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	13 U	UG/L
TETRACHLOROETHENE	5.0	13 U	UG/L
TOLUENE	5.0	13 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	13 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	13 U	UG/L
TRICHLOROETHENE	5.0	13 U	UG/L
VINYL CHLORIDE	5.0	170	UG/L
O-XYLENE	5.0	13 U	UG/L
M+P-XYLENE	5.0	13 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 10

Date Sampled : 05/02/07 11:35 **Order #:** 999741 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	160	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	71	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 11A

Date Sampled : 05/02/07 12:25 **Order #:** 999742 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 5.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	100 U	UG/L
BENZENE	5.0	25 U	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	25 U	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	490	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	25 U	UG/L
2-HEXANONE	10	50 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	25 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	25 U	UG/L
VINYL CHLORIDE	5.0	500	UG/L
O-XYLENE	5.0	25 U	UG/L
M+P-XYLENE	5.0	25 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 14

Date Sampled : 05/02/07 10:50 **Order #:** 999743 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 2.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	40 U	UG/L
BENZENE	5.0	10 U	UG/L
BROMODICHLOROMETHANE	5.0	10 U	UG/L
BROMOFORM	5.0	10 U	UG/L
BROMOMETHANE	5.0	10 U	UG/L
2-BUTANONE (MEK)	10	20 U	UG/L
CARBON DISULFIDE	10	20 U	UG/L
CARBON TETRACHLORIDE	5.0	10 U	UG/L
CHLOROBENZENE	5.0	10 U	UG/L
CHLOROETHANE	5.0	10 U	UG/L
CHLOROFORM	5.0	10 U	UG/L
CHLOROMETHANE	5.0	10 U	UG/L
DIBROMOCHLOROMETHANE	5.0	10 U	UG/L
1,1-DICHLOROETHANE	5.0	10 U	UG/L
1,2-DICHLOROETHANE	5.0	10 U	UG/L
1,1-DICHLOROETHENE	5.0	10 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	270	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	10 U	UG/L
1,2-DICHLOROPROPANE	5.0	10 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	10 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	10 U	UG/L
ETHYLBENZENE	5.0	10 U	UG/L
2-HEXANONE	10	20 U	UG/L
METHYLENE CHLORIDE	5.0	10 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	20 U	UG/L
STYRENE	5.0	10 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	10 U	UG/L
TETRACHLOROETHENE	5.0	10 U	UG/L
TOLUENE	5.0	10 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	10 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	10 U	UG/L
TRICHLOROETHENE	5.0	10 U	UG/L
VINYL CHLORIDE	5.0	86	UG/L
O-XYLENE	5.0	10 U	UG/L
M+P-XYLENE	5.0	10 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	107	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 14A

Date Sampled : 05/02/07 10:20 **Order #:** 999744 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	39	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	29	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 16A

Date Sampled : 05/02/07 12:30 **Order #:** 999745 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/06/07			
ANALYTICAL DILUTION: 5.00			
ACETONE	20	100 U	UG/L
BENZENE	5.0	25 U	UG/L
BROMODICHLOROMETHANE	5.0	25 U	UG/L
BROMOFORM	5.0	25 U	UG/L
BROMOMETHANE	5.0	25 U	UG/L
2-BUTANONE (MEK)	10	50 U	UG/L
CARBON DISULFIDE	10	50 U	UG/L
CARBON TETRACHLORIDE	5.0	25 U	UG/L
CHLOROBENZENE	5.0	25 U	UG/L
CHLOROETHANE	5.0	25 U	UG/L
CHLOROFORM	5.0	25 U	UG/L
CHLOROMETHANE	5.0	25 U	UG/L
DIBROMOCHLOROMETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHANE	5.0	74	UG/L
1,2-DICHLOROETHANE	5.0	25 U	UG/L
1,1-DICHLOROETHENE	5.0	25 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	860	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	25 U	UG/L
1,2-DICHLOROPROPANE	5.0	25 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	25 U	UG/L
ETHYLBENZENE	5.0	25 U	UG/L
2-HEXANONE	10	50 U	UG/L
METHYLENE CHLORIDE	5.0	25 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	50 U	UG/L
STYRENE	5.0	25 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	25 U	UG/L
TETRACHLOROETHENE	5.0	25 U	UG/L
TOLUENE	5.0	25 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	190	UG/L
1,1,2-TRICHLOROETHANE	5.0	25 U	UG/L
TRICHLOROETHENE	5.0	160	UG/L
VINYL CHLORIDE	5.0	170	UG/L
O-XYLENE	5.0	25 U	UG/L
M+P-XYLENE	5.0	25 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	100	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 16R

Date Sampled : 05/02/07 12:50 **Order #:** 999746 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 10.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	200 U	UG/L
BENZENE	5.0	50 U	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	1900	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	2900 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
ETHYLBENZENE	5.0	50 U	UG/L
2-HEXANONE	10	100 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	280	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	2900 E	UG/L
VINYL CHLORIDE	5.0	72	UG/L
O-XYLENE	5.0	50 U	UG/L
M+P-XYLENE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	100	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	106	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 16R

Date Sampled : 05/02/07 12:50 **Order #:** 999746 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/07/07			
ANALYTICAL DILUTION: 20.00			
ACETONE	20	400 U	UG/L
BENZENE	5.0	100 U	UG/L
BROMODICHLOROMETHANE	5.0	100 U	UG/L
BROMOFORM	5.0	100 U	UG/L
BROMOMETHANE	5.0	100 U	UG/L
2-BUTANONE (MEK)	10	200 U	UG/L
CARBON DISULFIDE	10	200 U	UG/L
CARBON TETRACHLORIDE	5.0	100 U	UG/L
CHLOROBENZENE	5.0	100 U	UG/L
CHLOROETHANE	5.0	100 U	UG/L
CHLOROFORM	5.0	100 U	UG/L
CHLOROMETHANE	5.0	100 U	UG/L
DIBROMOCHLOROMETHANE	5.0	100 U	UG/L
1,1-DICHLOROETHANE	5.0	2000	UG/L
1,2-DICHLOROETHANE	5.0	100 U	UG/L
1,1-DICHLOROETHENE	5.0	100 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	3000 D	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	100 U	UG/L
1,2-DICHLOROPROPANE	5.0	100 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	100 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	100 U	UG/L
ETHYLBENZENE	5.0	100 U	UG/L
2-HEXANONE	10	200 U	UG/L
METHYLENE CHLORIDE	5.0	100 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	200 U	UG/L
STYRENE	5.0	100 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	100 U	UG/L
TETRACHLOROETHENE	5.0	100 U	UG/L
TOLUENE	5.0	100 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	290	UG/L
1,1,2-TRICHLOROETHANE	5.0	100 U	UG/L
TRICHLOROETHENE	5.0	3000 D	UG/L
VINYL CHLORIDE	5.0	100 U	UG/L
O-XYLENE	5.0	100 U	UG/L
M+P-XYLENE	5.0	100 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	101	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 18

Date Sampled : 05/02/07 13:00 **Order #:** 999747 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	100	%
TOLUENE-D8	(88 - 124 %)	102	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 22

Date Sampled : 05/02/07 10:25 **Order #:** 999748 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	34	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	100	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 3

Date Sampled : 05/02/07 12:00 **Order #:** 999749 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	105	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 5A

Date Sampled : 05/03/07 10:55 **Order #:** 999750 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	12	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	16	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	100	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	104	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : MW 22A

Date Sampled : 05/03/07 11:25 **Order #:** 999751 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	100	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	104	%

COLUMBIA ANALYTICAL SERVICES

Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : EFFLUENT

Date Sampled : 05/02/07 12:35 **Order #:** 999752 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL PETROLEUM HYDROCARBON	1664A	5.00	5.00 U	MG/L	05/21/07	09:59	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Energy Solutions
Project Reference: LEICA #137015.001.203.0001
Client Sample ID : EFFLUENT

Date Sampled : 05/02/07 12:35 **Order #:** 999752 **Sample Matrix:** WATER
Date Received: 05/03/07 **Submission #:** R2737442 **Analytical Run** 0

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	38	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	104	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	104	%

LUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

S Submission #: R2737442
Client: Energy Solutions
LEICA #137015.001.203.0001

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
AL PETROLEUM HYDROCARBON	5.00 U	39.2	40.7	96	64 - 132	144866	MG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1005507 ANALYTICAL RUN # : 145018

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 05/06/07			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	122	50 - 150
BENZENE	20.0	110	70 - 130
BROMODICHLOROMETHANE	20.0	111	70 - 130
BROMOFORM	20.0	106	70 - 130
BROMOMETHANE	20.0	97	50 - 150
2-BUTANONE (MEK)	20.0	103	50 - 150
CARBON DISULFIDE	20.0	110	70 - 130
CARBON TETRACHLORIDE	20.0	108	70 - 130
CHLOROBENZENE	20.0	108	70 - 130
CHLOROETHANE	20.0	114	70 - 130
CHLOROFORM	20.0	114	70 - 130
CHLOROMETHANE	20.0	109	70 - 130
DIBROMOCHLOROMETHANE	20.0	105	70 - 130
1,1-DICHLOROETHANE	20.0	115	70 - 130
1,2-DICHLOROETHANE	20.0	112	70 - 130
1,1-DICHLOROETHENE	20.0	123	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	112	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	110	70 - 130
1,2-DICHLOROPROPANE	20.0	108	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	105	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
ETHYLBENZENE	20.0	108	70 - 130
2-HEXANONE	20.0	113	70 - 130
METHYLENE CHLORIDE	20.0	112	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	107	70 - 130
STYRENE	20.0	97	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	98	70 - 130
TETRACHLOROETHENE	20.0	104	70 - 130
TOLUENE	20.0	106	70 - 130
1,1,1-TRICHLOROETHANE	20.0	114	70 - 130
1,1,2-TRICHLOROETHANE	20.0	112	70 - 130
TRICHLOROETHENE	20.0	123	70 - 130
VINYL CHLORIDE	20.0	113	70 - 130
O-XYLENE	20.0	107	70 - 130
M+P-XYLENE	40.0	106	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1005509 ANALYTICAL RUN # : 145018

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
DATE ANALYZED : 05/06/07			
ANALYTICAL DILUTION: 1.0			
ACETONE	20.0	114	50 - 150
BENZENE	20.0	110	70 - 130
BROMODICHLOROMETHANE	20.0	114	70 - 130
BROMOFORM	20.0	111	70 - 130
BROMOMETHANE	20.0	104	50 - 150
2-BUTANONE (MEK)	20.0	112	50 - 150
CARBON DISULFIDE	20.0	108	70 - 130
CARBON TETRACHLORIDE	20.0	117	70 - 130
CHLOROBENZENE	20.0	110	70 - 130
CHLOROETHANE	20.0	115	70 - 130
CHLOROFORM	20.0	114	70 - 130
CHLOROMETHANE	20.0	104	70 - 130
DIBROMOCHLOROMETHANE	20.0	109	70 - 130
1,1-DICHLOROETHANE	20.0	115	70 - 130
1,2-DICHLOROETHANE	20.0	111	70 - 130
1,1-DICHLOROETHENE	20.0	117	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	115	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	110	70 - 130
1,2-DICHLOROPROPANE	20.0	109	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	110	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	106	70 - 130
ETHYLBENZENE	20.0	109	70 - 130
2-HEXANONE	20.0	110	70 - 130
METHYLENE CHLORIDE	20.0	113	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	105	70 - 130
STYRENE	20.0	98	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	127	70 - 130
TETRACHLOROETHENE	20.0	105	70 - 130
TOLUENE	20.0	105	70 - 130
1,1,1-TRICHLOROETHANE	20.0	115	70 - 130
1,1,2-TRICHLOROETHANE	20.0	112	70 - 130
TRICHLOROETHENE	20.0	106	70 - 130
VINYL CHLORIDE	20.0	113	70 - 130
O-XYLENE	20.0	110	70 - 130
M+P-XYLENE	40.0	108	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1005511 ANALYTICAL RUN # : 145018

DATE ANALYZED : 05/07/07
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	115	50 - 150
BENZENE	20.0	112	70 - 130
BROMODICHLOROMETHANE	20.0	113	70 - 130
BROMOFORM	20.0	108	70 - 130
BROMOMETHANE	20.0	90	50 - 150
2-BUTANONE (MEK)	20.0	107	50 - 150
CARBON DISULFIDE	20.0	104	70 - 130
CARBON TETRACHLORIDE	20.0	110	70 - 130
CHLOROBENZENE	20.0	109	70 - 130
CHLOROETHANE	20.0	110	70 - 130
CHLOROFORM	20.0	113	70 - 130
CHLOROMETHANE	20.0	106	70 - 130
DIBROMOCHLOROMETHANE	20.0	110	70 - 130
1,1-DICHLOROETHANE	20.0	115	70 - 130
1,2-DICHLOROETHANE	20.0	110	70 - 130
1,1-DICHLOROETHENE	20.0	119	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	112	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	109	70 - 130
1,2-DICHLOROPROPANE	20.0	109	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	105	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	101	70 - 130
ETHYLBENZENE	20.0	108	70 - 130
2-HEXANONE	20.0	104	70 - 130
METHYLENE CHLORIDE	20.0	112	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	101	70 - 130
STYRENE	20.0	95	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	103	70 - 130
TETRACHLOROETHENE	20.0	103	70 - 130
TOLUENE	20.0	107	70 - 130
1,1,1-TRICHLOROETHANE	20.0	111	70 - 130
1,1,2-TRICHLOROETHANE	20.0	111	70 - 130
TRICHLOROETHENE	20.0	126	70 - 130
VINYL CHLORIDE	20.0	113	70 - 130
O-XYLENE	20.0	108	70 - 130
M+P-XYLENE	40.0	107	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1005506 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	102	%
TOLUENE-D8	(88 - 124 %)	103	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	102	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1005508 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 145018

DATE ANALYZED : 05/06/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	100	%
TOLUENE-D8	(88 - 124 %)	101	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	103	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 05/25/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1005510 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 145018

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 05/07/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	96	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	100	%

Columbia Analytical Services INC.
Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475

PAGE 1 OF 2

SR #

CAS Contact

Project Name: Leica (Sam Son)
Project Number: 31128
Project Manager: R. McPeak
Report CC:
Company/Address: Energy Solutions
143 West St.
New Milford CT 06776
Phone #: 801-303-1092
FAX#: 860-355-8294
Sampler's Signature: [signature]
Sampler's Printed Name: Bob McPeak

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

Preservative Key
0. NONE
1. HCl (circled)
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other ______

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☒ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)								REMARKS/ ALTERNATE DESCRIPTION
MW 1A	99977	5/2/07	8:50	water	3	X														
MW 5	999738	↓	11:40	↓	↓	↓														
MW 6	999739	↓	9:10	↓	↓	↓														
MW 6A	999740	↓	9:25	↓	↓	↓														
MW 10	999741	↓	11:35	↓	↓	↓														
MW 11A	999742	↓	12:25	↓	↓	↓														
MW 14	999743	↓	10:50	↓	↓	↓														
MW 14A	999744	↓	10:20	↓	↓	↓														
MW 16A	999745	↓	12:30	↓	↓	↓														
MW 16R	999746	↓	12:50	↓	↓	↓														

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
✓ STANDARD
REQUESTED FAX DATE
______
REQUESTED REPORT DATE
______

REPORT REQUIREMENTS
____ I. Results Only
X II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Speicalized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:

SUBMISSION #: R2737442

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 5°C
CUSTODY SEALS: Y (N)

	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature	[signature]	[signature]	[signature]	Rachel Jones		
Printed Name	Robert McPeak	J. Britt	J. Britt	Rachel Jones		
Firm		CAS	CAS	CAS		
Date/Time	5/3/07 1320	5/3/07 1320	5/3/07 1600	5/3/07 1600		

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

Columbia Analytical Services, INC.
An Employee - Owned Company
www.caslab.com

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475

SR #

CAS Contact

Project Name: Leica (Sam/Son)
Project Number: 31128
Project Manager: R. McPeak
Report CC:
Company/Address: Energy Solutions
Phone #:
FAX#:
Sampler's Signature:
Sampler's Printed Name:

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☐ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	TPH 1664	REMARKS/ ALTERNATE DESCRIPTION
MW 18	999747	5/2/07	1:00	water	3	X								
MW 22	999748		10:25											
MW 3	999749		12:00											
Effluent	999751		12:35		4								X	
MW 5A	999750	5/3/07	10:55		3									
MW 22A	999751	5/3/07	11:25		3									

Preservative Key
0. NONE
1. HCL
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals

See QAPP ☐

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
✓ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
✓ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: 32737472

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____ CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Robert McPeak	Signature: J. Brnt	Signature: J. Brnt	Signature: Rachel Jones	Signature:	Signature:
Printed Name: Robert McPeak	Printed Name: J. Brnt	Printed Name: J. Brnt	Printed Name: Rachel Jones	Printed Name:	Printed Name:
Firm: 5/3/07 1320	Firm: CAS 5/3/07 1320	Firm: CAS 5/3/07 1600	Firm: CAS	Firm:	Firm:
Date/Time:	Date/Time:	Date/Time:	Date/Time: 5/3/07 1600	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client Energy Solutions Submission Number R2737442

Cooler received on 5/3/07 by: RG **COURIER:** (CAS) UPS FEDEX VELOCITY CLIENT

1.	Were custody seals on outside of cooler?		YES	(NO)		
2.	Were custody papers properly filled out (ink, signed, etc.)?		(YES)	NO		
3.	Did all bottles arrive in good condition (unbroken)?		(YES)	NO		
4.	Did any VOA vials have significant air bubbles?		YES	(NO)	N/A	
5.	Were **Ice** or **Ice packs** present?		(YES)	NO		
6.	Where did the bottles originate?		CAS/ROC, CLIENT			
7.	Temperature of cooler(s) upon receipt:	5°				
	Is the temperature within 0° - 6° C?:	(Yes)	Yes	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 5/3/07 @ 1625

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: KB 5/4/07

Cooler Breakdown: Date: 5/4/07 by: RG

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO_3						
≤2	H_2SO_4						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		
<2		

Other Comments:

PC Secondary Review: KB 5/25/07

Columbia Analytical Services inc.

A FULL SERVICE ENVIRONMENTAL LABORATORY

December 14, 2007

Mr. Robert McPeak
Energy Solutions
143 West Street
New Milford, CT 06776

PROJECT:LEICA
Submission #:R2740802

Dear Mr. McPeak

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Karen Bunker
Project Manager

Enc.

Columbia Analytical Services inc.

1 Mustard ST.
Suite 250
Rochester, NY 14609
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : Energy Solutions
Project Reference: LEICA
Lab Submission # : R2740802
Project Manager : Karen Bunker
Reported : 12/14/07

Report Contains a total of 36 pages

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. Michael K. Perry

COLUMBIA ANALYTICAL SERVICES, INC.

Client:	Energy Solutions	**Service Request No.:**	R2740802
Project:	Leica #31128	**Date Received:**	11/15/07
Sample Matrix:	Water		

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for a CAS Package 2. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

Ten (10) water samples were collected by the client and picked up by CAS and received for analysis at Columbia Analytical Services on 11/15/07. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were received at cooler temperatures of 1, 5°C within guidelines upon receipt at the laboratory.

General Chemistry

One (1) water sample was analyzed for Total Petroleum Hydrocarbon. The method reference is included on the data form.

Batch QC is included in the report. All Blank Spike Recoveries were within QC Acceptance limits.

The Method Blank was free of contamination.

The TPH was analyzed within the appropriate holding time for the method.

No other problems were encountered during analysis.

Volatile Organics

One (1) water sample was analyzed for the Priority Pollutant List of Volatile Organic Compounds according to GC/MS method 624. Seven (7) groundwaters were analyzed for the Target Compound List of Volatiles by 8260B from SW-846.

All Initial and Continuing Calibration Criteria were met.

All surrogate recoveries were within acceptance limits.

Batch QC is included in the package. All Laboratory Control Sample (LCS) spike recoveries were within limits except for Acrylonitrile on the 624 LCS run. The recovery was bias high and has been flagged as "*" . No data was affected by this exceedence.

Hits above the calibration range of the standards is flagged as "E", estimated. The sample is then repeated at the appropriate dilution. Both sets of data are included in the report. Subsequent hits are flagged as "D".

The Laboratory Method Blanks were free from contamination.

The sample was analyzed within the 14 day holding time for preserved aliquots

No other problems were encountered during analysis of these samples.

Approved by Karen Burchfiel **Date** 12/14/07

Semivolatile Organics

One (1) water sample was analyzed for Priority Pollutant List of Semivolatile Organic Compounds according to GC/MS method 625.

All Initial and Continuing Calibration Criteria were met.

Batch QC is included in the package. All Blank Spike (BS) and Blank Spike Duplicate (BSD) recoveries were within QC limits. All Relative Percent Difference (RPD) calculations were acceptable.

The Laboratory Method Blank was free from contamination except for Bis-(2-ethylhexyl)phthalate. No sample data was affected by this exceedence.

All surrogate recoveries were within acceptance limits.

The sample was extracted within 7 days from collection and analyzed within the 40 day holding time for extracted aliquots.

No other problems were encountered during analysis of these samples.

Approved by Karen Burke **Date** 12/14/07

Columbia Analytical Services inc.

This report contains analytical results for the following samples:

Submission #: R2740802

Lab ID	Client ID
1053408	MW 22 ✓
1053409	MW 22A ✓
1053410	MW 14A ✓
1053411	MW 16A ✓
1053412	MW 11A ✓
1053413	MW 6A ✓
1053414	MW 10 ✓
1053415	GWD 111507
1053416	TRIP BLANK
1053417	MW 16R ✓

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

ORGANIC QUALIFIERS

U - Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture.

J - Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds, or when the data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit and greater than the MDL. This flag is also used for DoD instead of "P" as indicated below.

N - Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search.

P - This flag is used for a pesticide/Aroclor target analyte when there is a greater than 40% (25% for CLP) difference for detected concentrations between the two GC columns. The concentration is reported on the Form I and flagged with a "P" ("J" for DoD).

Q - for DoD only – indicates a pesticide/Aroclor target is not confirmed. This flag is used when there is ≥ 100% difference for the detected concentrations between the two GC columns.

C - This flag applies to pesticide results where the identification has been confirmed by GC/MS.

B - This flag is used when the analyte is found in the associated blank as well as in the sample.

E - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

D - This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor, as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and ALL concentration values reported on that Form I are flagged with the "D" flag.

A - This flag indicates that a TIC is a suspected aldol-condensation product.

X - As specified in Case Narrative.

* - This flag identifies compounds associated with a quality control parameter which exceeds laboratory limits.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania ID# 68-786
Rhode Island ID # 158
West Virginia ID # 292

Columbia Analytical Services INC.
An Employee - Owned Company

ACCREDITED IN ACCORDANCE WITH nelac

Ethics Service Quality ACIL 2005 SEAL OF EXCELLENCE PROGRAM Environmental

INORGANIC QUALIFIERS

C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank. See Narrative for details.
- U - if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because the serial dilution did not meet criteria.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "AF" for Automated Cold Vapor Atomic Fluorescence Spectrometry
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032
Navy Facilities Engineering Service Center Approved
Nebraska Accredited
New Jersey ID # NY004
New York ID # 10145
New Hampshire ID # 294100 A/B
Pennsylvania ID # 68-786
Rhode Island ID # 158
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 22

Date Sampled : 11/14/07 12:00 **Order #:** 1053408 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154237

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/22/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	17	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	12	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	95	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 22A

Date Sampled : 11/14/07 13:00 **Order #:** 1053409 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154237

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/22/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	96	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 14A

Date Sampled : 11/14/07 14:00 **Order #:** 1053410 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154237

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/22/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	7.2	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	97	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	99	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 16A

Date Sampled : 11/14/07 15:00 **Order #:** 1053411 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/22/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	88	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	10	UG/L
CIS-1,2-DICHLOROETHENE	5.0	980 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	12	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	210 E	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	370 E	UG/L
VINYL CHLORIDE	5.0	240 E	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	94	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 16A

Date Sampled : 11/14/07 15:00 **Order #:** 1053411 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/26/07			
ANALYTICAL DILUTION: 10.00			
ACETONE	20	200 U	UG/L
BENZENE	5.0	50 U	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	50 U	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	87	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	50 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	960 D	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
ETHYLBENZENE	5.0	50 U	UG/L
2-HEXANONE	10	100 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	200 D	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	330 D	UG/L
VINYL CHLORIDE	5.0	210 D	UG/L
O-XYLENE	5.0	50 U	UG/L
M+P-XYLENE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	96	%
TOLUENE-D8	(88 - 124 %)	95	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 11A

Date Sampled : 11/14/07 15:15 **Order #:** 1053412 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/26/07			
ANALYTICAL DILUTION: 2.50			
ACETONE	20	50 U	UG/L
BENZENE	5.0	13 U	UG/L
BROMODICHLOROMETHANE	5.0	13 U	UG/L
BROMOFORM	5.0	13 U	UG/L
BROMOMETHANE	5.0	13 U	UG/L
2-BUTANONE (MEK)	10	25 U	UG/L
CARBON DISULFIDE	10	25 U	UG/L
CARBON TETRACHLORIDE	5.0	13 U	UG/L
CHLOROBENZENE	5.0	13 U	UG/L
CHLOROETHANE	5.0	13 U	UG/L
CHLOROFORM	5.0	13 U	UG/L
CHLOROMETHANE	5.0	13 U	UG/L
DIBROMOCHLOROMETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHANE	5.0	13 U	UG/L
1,2-DICHLOROETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHENE	5.0	13 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	290	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	13 U	UG/L
1,2-DICHLOROPROPANE	5.0	13 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
ETHYLBENZENE	5.0	13 U	UG/L
2-HEXANONE	10	25 U	UG/L
METHYLENE CHLORIDE	5.0	13 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	25 U	UG/L
STYRENE	5.0	13 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	13 U	UG/L
TETRACHLOROETHENE	5.0	13 U	UG/L
TOLUENE	5.0	13 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	13 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	13 U	UG/L
TRICHLOROETHENE	5.0	13 U	UG/L
VINYL CHLORIDE	5.0	320	UG/L
O-XYLENE	5.0	13 U	UG/L
M+P-XYLENE	5.0	13 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	96	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	98	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 6A

Date Sampled : 11/14/07 16:15 **Order #:** 1053413 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/22/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	400 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	11	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	280 E	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 6A

Date Sampled : 11/14/07 16:15 **Order #:** 1053413 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

DATE ANALYZED : 11/26/07
ANALYTICAL DILUTION: 2.50

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	50 U	UG/L
BENZENE	5.0	13 U	UG/L
BROMODICHLOROMETHANE	5.0	13 U	UG/L
BROMOFORM	5.0	13 U	UG/L
BROMOMETHANE	5.0	13 U	UG/L
2-BUTANONE (MEK)	10	25 U	UG/L
CARBON DISULFIDE	10	25 U	UG/L
CARBON TETRACHLORIDE	5.0	13 U	UG/L
CHLOROBENZENE	5.0	13 U	UG/L
CHLOROETHANE	5.0	13 U	UG/L
CHLOROFORM	5.0	13 U	UG/L
CHLOROMETHANE	5.0	13 U	UG/L
DIBROMOCHLOROMETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHANE	5.0	13 U	UG/L
1,2-DICHLOROETHANE	5.0	13 U	UG/L
1,1-DICHLOROETHENE	5.0	13 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	350 D	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	13 U	UG/L
1,2-DICHLOROPROPANE	5.0	13 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	13 U	UG/L
ETHYLBENZENE	5.0	13 U	UG/L
2-HEXANONE	10	25 U	UG/L
METHYLENE CHLORIDE	5.0	13 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	25 U	UG/L
STYRENE	5.0	13 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	13 U	UG/L
TETRACHLOROETHENE	5.0	13 U	UG/L
TOLUENE	5.0	13 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	13 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	13 U	UG/L
TRICHLOROETHENE	5.0	13 U	UG/L
VINYL CHLORIDE	5.0	250 D	UG/L
O-XYLENE	5.0	13 U	UG/L
M+P-XYLENE	5.0	13 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	96	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	94	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 10

Date Sampled : 11/14/07 16:30 **Order #:** 1053414 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

DATE ANALYZED : 11/26/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	110	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	38	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	98	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	95	%

COLUMBIA ANALYTICAL SERVICES

Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : GWD 111507

Date Sampled : 11/15/07 08:30 **Order #:** 1053415 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	TIME ANALYZED	DILUTION
TOTAL PETROLEUM HYDROCARBON	1664A	5.00	5.00 U	MG/L	12/10/07	07:30	1.0

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 624 PRIORITY POLLUTANTS
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : GWD 111507

Date Sampled : 11/15/07 08:30 **Order #:** 1053415 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 153571

DATE ANALYZED : 11/21/07
ANALYTICAL DILUTION: 1.00

ANALYTE	MDL	RESULT	UNITS
ACROLEIN	4.0	4.0 U	UG/L
ACRYLONITRILE	1.2	1.2 U	UG/L
BENZENE	0.18	0.18 U	UG/L
BROMODICHLOROMETHANE	0.24	0.24 U	UG/L
BROMOFORM	0.57	0.57 U	UG/L
BROMOMETHANE	0.75	0.75 U	UG/L
CARBON TETRACHLORIDE	0.44	0.44 U	UG/L
CHLOROBENZENE	0.20	0.20 U	UG/L
CHLOROETHANE	0.33	0.33 U	UG/L
2-CHLOROETHYLVINYL ETHER	0.31	0.31 U	UG/L
CHLOROFORM	0.17	0.17 U	UG/L
CHLOROMETHANE	0.33	0.33 U	UG/L
DIBROMOCHLOROMETHANE	0.26	0.26 U	UG/L
1,1-DICHLOROETHANE	0.30	0.30 U	UG/L
1,2-DICHLOROETHANE	0.14	0.14 U	UG/L
1,1-DICHLOROETHENE	0.31	0.31 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.22	0.22 U	UG/L
1,2-DICHLOROPROPANE	0.25	0.25 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.36	0.36 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.23	0.23 U	UG/L
ETHYLBENZENE	0.17	0.17 U	UG/L
METHYLENE CHLORIDE	0.20	0.20 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.27	0.27 U	UG/L
TETRACHLOROETHENE	0.27	0.27 U	UG/L
TOLUENE	0.11	0.11 U	UG/L
1,1,1-TRICHLOROETHANE	0.13	0.13 U	UG/L
1,1,2-TRICHLOROETHANE	0.47	0.47 U	UG/L
TRICHLOROETHENE	0.26	0.26 U	UG/L
TRICHLOROFLUOROMETHANE	0.42	0.42 U	UG/L
VINYL CHLORIDE	0.18	2.0	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(77 - 117 %)	97	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	113	%
TOLUENE-D8	(85 - 115 %)	109	%

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : GWD 111507

Date Sampled : 11/15/07 08:30 **Order #:** 1053415 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 153416

ANALYTE	MDL	RESULT	UNITS
DATE EXTRACTED : 11/20/07			
DATE ANALYZED : 11/21/07			
ANALYTICAL DILUTION: 0.94			
ACENAPHTHENE	0.48	0.45 U	UG/L
ACENAPHTHYLENE	0.33	0.31 U	UG/L
ANTHRACENE	0.60	0.56 U	UG/L
BENZIDINE	43	40 U	UG/L
BENZO(A)ANTHRACENE	0.54	0.51 U	UG/L
BENZO(A)PYRENE	0.42	0.39 U	UG/L
BENZO(B)FLUORANTHENE	0.54	0.51 U	UG/L
BENZO(G,H,I)PERYLENE	0.62	0.58 U	UG/L
BENZO(K)FLUORANTHENE	0.53	0.50 U	UG/L
BUTYL BENZYL PHTHALATE	0.59	0.55 U	UG/L
DI-N-BUTYLPHTHALATE	0.39	0.37 U	UG/L
INDENO(1,2,3-CD)PYRENE	0.49	0.46 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	0.86	0.81 U	UG/L
BIS(2-CHLOROETHYL)ETHER	0.74	0.70 U	UG/L
2-CHLORONAPHTHALENE	0.55	0.52 U	UG/L
2-CHLOROPHENOL	0.69	0.65 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	0.78	0.73 U	UG/L
CHRYSENE	0.53	0.50 U	UG/L
DIBENZO(A,H)ANTHRACENE	0.63	0.59 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.47 U	UG/L
1,2-DICHLOROBENZENE	0.67	0.63 U	UG/L
1,4-DICHLOROBENZENE	0.58	0.55 U	UG/L
3,3'-DICHLOROBENZIDINE	0.73	0.69 U	UG/L
2,4-DICHLOROPHENOL	0.37	0.35 U	UG/L
DIETHYLPHTHALATE	0.31	0.29 U	UG/L
DIMETHYL PHTHALATE	0.53	0.50 U	UG/L
2,4-DIMETHYLPHENOL	1.8	1.7 U	UG/L
2,4-DINITROPHENOL	14	13 U	UG/L
2,4-DINITROTOLUENE	0.53	0.50 U	UG/L
2,6-DINITROTOLUENE	0.55	0.52 U	UG/L
1,2-DIPHENYLHYDRAZINE	0.48	0.45 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	0.48	0.45 U	UG/L
FLUORANTHENE	0.32	0.30 U	UG/L
FLUORENE	0.47	0.44 U	UG/L
HEXACHLOROBENZENE	0.43	0.40 U	UG/L
HEXACHLOROBUTADIENE	0.69	0.65 U	UG/L
HEXACHLOROCYCLOPENTADIENE	1.1	1.0 U	UG/L
HEXACHLOROETHANE	0.48	0.45 U	UG/L
ISOPHORONE	0.61	0.57 U	UG/L
4,6-DINITRO-2-METHYLPHENOL	0.51	0.48 U	UG/L
4-CHLORO-3-METHYLPHENOL	0.50	0.47 U	UG/L
NAPHTHALENE	0.62	0.58 U	UG/L
NITROBENZENE	0.78	0.73 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : GWD 111507

Date Sampled : 11/15/07 08:30 **Order #:** 1053415 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 153416

ANALYTE	MDL	RESULT	UNITS
DATE EXTRACTED : 11/20/07			
DATE ANALYZED : 11/21/07			
ANALYTICAL DILUTION: 0.94			
2-NITROPHENOL	0.61	0.57 U	UG/L
4-NITROPHENOL	6.7	6.3 U	UG/L
N-NITROSODIMETHYLAMINE	0.79	0.74 U	UG/L
N-NITROSODIPHENYLAMINE	0.75	0.71 U	UG/L
DI-N-OCTYL PHTHALATE	0.45	0.42 U	UG/L
PENTACHLOROPHENOL	0.60	0.56 U	UG/L
PHENANTHRENE	0.45	0.42 U	UG/L
PHENOL	0.54	0.51 U	UG/L
4-BROMOPHENYL-PHENYLETHER	0.67	0.63 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	0.49	0.46 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	1.2	1.1 U	UG/L
PYRENE	0.65	0.61 U	UG/L
1,2,4-TRICHLOROBENZENE	0.65	0.61 U	UG/L
2,4,6-TRICHLOROPHENOL	0.59	0.55 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(45 - 135 %)	71	%
NITROBENZENE-d5	(41 - 129 %)	75	%
PHENOL-d6	(15 - 58 %)	26	%
2-FLUOROBIPHENYL	(51 - 111 %)	69	%
2-FLUOROPHENOL	(27 - 78 %)	42	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	76	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : TRIP BLANK

Date Sampled : 11/15/07 **Order #:** 1053416 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154237

DATE ANALYZED : 11/22/07
ANALYTICAL DILUTION: 1.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	96	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 16R

Date Sampled : 11/15/07 10:00 **Order #:** 1053417 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

DATE ANALYZED : 11/22/07
ANALYTICAL DILUTION: 10.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	200 U	UG/L
BENZENE	5.0	50 U	UG/L
BROMODICHLOROMETHANE	5.0	50 U	UG/L
BROMOFORM	5.0	50 U	UG/L
BROMOMETHANE	5.0	50 U	UG/L
2-BUTANONE (MEK)	10	100 U	UG/L
CARBON DISULFIDE	10	100 U	UG/L
CARBON TETRACHLORIDE	5.0	50 U	UG/L
CHLOROBENZENE	5.0	50 U	UG/L
CHLOROETHANE	5.0	68	UG/L
CHLOROFORM	5.0	50 U	UG/L
CHLOROMETHANE	5.0	50 U	UG/L
DIBROMOCHLOROMETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHANE	5.0	1400	UG/L
1,2-DICHLOROETHANE	5.0	50 U	UG/L
1,1-DICHLOROETHENE	5.0	66	UG/L
CIS-1,2-DICHLOROETHENE	5.0	2700 E	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	50 U	UG/L
1,2-DICHLOROPROPANE	5.0	50 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	50 U	UG/L
ETHYLBENZENE	5.0	50 U	UG/L
2-HEXANONE	10	100 U	UG/L
METHYLENE CHLORIDE	5.0	50 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	100 U	UG/L
STYRENE	5.0	50 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	50 U	UG/L
TETRACHLOROETHENE	5.0	50 U	UG/L
TOLUENE	5.0	50 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	280	UG/L
1,1,2-TRICHLOROETHANE	5.0	50 U	UG/L
TRICHLOROETHENE	5.0	3800 E	UG/L
VINYL CHLORIDE	5.0	110	UG/L
O-XYLENE	5.0	50 U	UG/L
M+P-XYLENE	5.0	50 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	97	%
TOLUENE-D8	(88 - 124 %)	98	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	96	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Energy Solutions
Project Reference: LEICA
Client Sample ID : MW 16R

Date Sampled : 11/15/07 10:00 **Order #:** 1053417 **Sample Matrix:** WATER
Date Received: 11/15/07 **Submission #:** R2740802 **Analytical Run** 154236

DATE ANALYZED : 11/26/07
ANALYTICAL DILUTION: 25.00

ANALYTE	PQL	RESULT	UNITS
ACETONE	20	500 U	UG/L
BENZENE	5.0	130 U	UG/L
BROMODICHLOROMETHANE	5.0	130 U	UG/L
BROMOFORM	5.0	130 U	UG/L
BROMOMETHANE	5.0	130 U	UG/L
2-BUTANONE (MEK)	10	250 U	UG/L
CARBON DISULFIDE	10	250 U	UG/L
CARBON TETRACHLORIDE	5.0	130 U	UG/L
CHLOROBENZENE	5.0	130 U	UG/L
CHLOROETHANE	5.0	130 U	UG/L
CHLOROFORM	5.0	130 U	UG/L
CHLOROMETHANE	5.0	130 U	UG/L
DIBROMOCHLOROMETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHANE	5.0	1400	UG/L
1,2-DICHLOROETHANE	5.0	130 U	UG/L
1,1-DICHLOROETHENE	5.0	130 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	2600 D	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	130 U	UG/L
1,2-DICHLOROPROPANE	5.0	130 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	130 U	UG/L
ETHYLBENZENE	5.0	130 U	UG/L
2-HEXANONE	10	250 U	UG/L
METHYLENE CHLORIDE	5.0	130 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	250 U	UG/L
STYRENE	5.0	130 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	130 U	UG/L
TETRACHLOROETHENE	5.0	130 U	UG/L
TOLUENE	5.0	130 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	270	UG/L
1,1,2-TRICHLOROETHANE	5.0	130 U	UG/L
TRICHLOROETHENE	5.0	3600 D	UG/L
VINYL CHLORIDE	5.0	130 U	UG/L
O-XYLENE	5.0	130 U	UG/L
M+P-XYLENE	5.0	130 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	99	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	94	%

LUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

Submission #: R2740802
Client: Energy Solutions
LEICA

BLANK SPIKES

	BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
AL PETROLEUM HYDROCARBON	5.00 U	17.2	21.3	81	64 - 132	154303	MG/L

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1060994 ANALYTICAL RUN # : 154237

DATE ANALYZED : 11/21/07
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	91	50 - 150
BENZENE	20.0	97	70 - 130
BROMODICHLOROMETHANE	20.0	98	70 - 130
BROMOFORM	20.0	98	70 - 130
BROMOMETHANE	20.0	89	50 - 150
2-BUTANONE (MEK)	20.0	90	50 - 150
CARBON DISULFIDE	20.0	87	70 - 130
CARBON TETRACHLORIDE	20.0	101	70 - 130
CHLOROBENZENE	20.0	105	70 - 130
CHLOROETHANE	20.0	100	70 - 130
CHLOROFORM	20.0	98	70 - 130
CHLOROMETHANE	20.0	89	70 - 130
DIBROMOCHLOROMETHANE	20.0	104	70 - 130
1,1-DICHLOROETHANE	20.0	93	70 - 130
1,2-DICHLOROETHANE	20.0	97	70 - 130
1,1-DICHLOROETHENE	20.0	110	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	94	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	98	70 - 130
1,2-DICHLOROPROPANE	20.0	85	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	88	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	86	70 - 130
ETHYLBENZENE	20.0	100	70 - 130
2-HEXANONE	20.0	90	70 - 130
METHYLENE CHLORIDE	20.0	95	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	83	70 - 130
STYRENE	20.0	97	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	101	70 - 130
TETRACHLOROETHENE	20.0	99	70 - 130
TOLUENE	20.0	95	70 - 130
1,1,1-TRICHLOROETHANE	20.0	101	70 - 130
1,1,2-TRICHLOROETHANE	20.0	97	70 - 130
TRICHLOROETHENE	20.0	102	70 - 130
VINYL CHLORIDE	20.0	90	70 - 130
O-XYLENE	20.0	101	70 - 130
M+P-XYLENE	40.0	101	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 8260B TCL

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1060988 ANALYTICAL RUN # : 154236

DATE ANALYZED : 11/26/07
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACETONE	20.0	90	50 - 150
BENZENE	20.0	96	70 - 130
BROMODICHLOROMETHANE	20.0	100	70 - 130
BROMOFORM	20.0	97	70 - 130
BROMOMETHANE	20.0	108	50 - 150
2-BUTANONE (MEK)	20.0	86	50 - 150
CARBON DISULFIDE	20.0	99	70 - 130
CARBON TETRACHLORIDE	20.0	108	70 - 130
CHLOROBENZENE	20.0	104	70 - 130
CHLOROETHANE	20.0	98	70 - 130
CHLOROFORM	20.0	103	70 - 130
CHLOROMETHANE	20.0	89	70 - 130
DIBROMOCHLOROMETHANE	20.0	103	70 - 130
1,1-DICHLOROETHANE	20.0	93	70 - 130
1,2-DICHLOROETHANE	20.0	96	70 - 130
1,1-DICHLOROETHENE	20.0	122	70 - 130
CIS-1,2-DICHLOROETHENE	20.0	98	70 - 130
TRANS-1,2-DICHLOROETHENE	20.0	101	70 - 130
1,2-DICHLOROPROPANE	20.0	82	70 - 130
CIS-1,3-DICHLOROPROPENE	20.0	89	70 - 130
TRANS-1,3-DICHLOROPROPENE	20.0	88	70 - 130
ETHYLBENZENE	20.0	99	70 - 130
2-HEXANONE	20.0	82	70 - 130
METHYLENE CHLORIDE	20.0	99	70 - 130
4-METHYL-2-PENTANONE (MIBK)	20.0	81	70 - 130
STYRENE	20.0	97	70 - 130
1,1,2,2-TETRACHLOROETHANE	20.0	97	70 - 130
TETRACHLOROETHENE	20.0	104	70 - 130
TOLUENE	20.0	96	70 - 130
1,1,1-TRICHLOROETHANE	20.0	111	70 - 130
1,1,2-TRICHLOROETHANE	20.0	94	70 - 130
TRICHLOROETHENE	20.0	100	70 - 130
VINYL CHLORIDE	20.0	97	70 - 130
O-XYLENE	20.0	100	70 - 130
M+P-XYLENE	40.0	104	70 - 130

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1060993 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 154237

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/21/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	97	%
TOLUENE-D8	(88 - 124 %)	99	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	97	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 8260B TCL
Reported: 12/14/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1060987 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 154236

ANALYTE	PQL	RESULT	UNITS
DATE ANALYZED : 11/26/07			
ANALYTICAL DILUTION: 1.00			
ACETONE	20	20 U	UG/L
BENZENE	5.0	5.0 U	UG/L
BROMODICHLOROMETHANE	5.0	5.0 U	UG/L
BROMOFORM	5.0	5.0 U	UG/L
BROMOMETHANE	5.0	5.0 U	UG/L
2-BUTANONE (MEK)	10	10 U	UG/L
CARBON DISULFIDE	10	10 U	UG/L
CARBON TETRACHLORIDE	5.0	5.0 U	UG/L
CHLOROBENZENE	5.0	5.0 U	UG/L
CHLOROETHANE	5.0	5.0 U	UG/L
CHLOROFORM	5.0	5.0 U	UG/L
CHLOROMETHANE	5.0	5.0 U	UG/L
DIBROMOCHLOROMETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHANE	5.0	5.0 U	UG/L
1,2-DICHLOROETHANE	5.0	5.0 U	UG/L
1,1-DICHLOROETHENE	5.0	5.0 U	UG/L
CIS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
TRANS-1,2-DICHLOROETHENE	5.0	5.0 U	UG/L
1,2-DICHLOROPROPANE	5.0	5.0 U	UG/L
CIS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
TRANS-1,3-DICHLOROPROPENE	5.0	5.0 U	UG/L
ETHYLBENZENE	5.0	5.0 U	UG/L
2-HEXANONE	10	10 U	UG/L
METHYLENE CHLORIDE	5.0	5.0 U	UG/L
4-METHYL-2-PENTANONE (MIBK)	10	10 U	UG/L
STYRENE	5.0	5.0 U	UG/L
1,1,2,2-TETRACHLOROETHANE	5.0	5.0 U	UG/L
TETRACHLOROETHENE	5.0	5.0 U	UG/L
TOLUENE	5.0	5.0 U	UG/L
1,1,1-TRICHLOROETHANE	5.0	5.0 U	UG/L
1,1,2-TRICHLOROETHANE	5.0	5.0 U	UG/L
TRICHLOROETHENE	5.0	5.0 U	UG/L
VINYL CHLORIDE	5.0	5.0 U	UG/L
O-XYLENE	5.0	5.0 U	UG/L
M+P-XYLENE	5.0	5.0 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(80 - 123 %)	95	%
TOLUENE-D8	(88 - 124 %)	97	%
DIBROMOFLUOROMETHANE	(89 - 115 %)	95	%

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD: 624 PRIORITY POLLUTANTS

LABORATORY CONTROL SAMPLE SUMMARY

REFERENCE ORDER #: 1057239 ANALYTICAL RUN # : 153571

DATE ANALYZED : 11/21/07
ANALYTICAL DILUTION: 1.0

ANALYTE	TRUE VALUE	% RECOVERY	QC LIMITS
ACROLEIN	100	88	36 - 124
ACRYLONITRILE	100	121 *	71 - 111
BENZENE	20.0	99	37 - 151
BROMODICHLOROMETHANE	20.0	103	35 - 155
BROMOFORM	20.0	112	45 - 169
BROMOMETHANE	20.0	68	D - 242
CARBON TETRACHLORIDE	20.0	95	70 - 140
CHLOROBENZENE	20.0	91	37 - 160
CHLOROETHANE	20.0	88	14 - 230
2-CHLOROETHYLVINYL ETHER	20.0	111	D - 305
CHLOROFORM	20.0	99	51 - 138
CHLOROMETHANE	20.0	85	D - 273
DIBROMOCHLOROMETHANE	20.0	105	53 - 149
1,1-DICHLOROETHANE	20.0	93	59 - 155
1,2-DICHLOROETHANE	20.0	105	49 - 155
1,1-DICHLOROETHENE	20.0	83	D - 234
TRANS-1,2-DICHLOROETHENE	20.0	99	54 - 156
1,2-DICHLOROPROPANE	20.0	99	D - 210
CIS-1,3-DICHLOROPROPENE	20.0	123	D - 227
TRANS-1,3-DICHLOROPROPENE	20.0	122	17 - 183
ETHYLBENZENE	20.0	96	37 - 162
METHYLENE CHLORIDE	20.0	81	D - 221
1,1,2,2-TETRACHLOROETHANE	20.0	104	46 - 157
TETRACHLOROETHENE	20.0	89	64 - 148
TOLUENE	20.0	96	47 - 150
1,1,1-TRICHLOROETHANE	20.0	99	52 - 162
1,1,2-TRICHLOROETHANE	20.0	103	52 - 150
TRICHLOROETHENE	20.0	93	71 - 157
TRICHLOROFLUOROMETHANE	20.0	96	17 - 181
VINYL CHLORIDE	20.0	96	D - 251

COLUMBIA ANALYTICAL SERVICES

VOLATILE ORGANICS
METHOD 624 PRIORITY POLLUTANTS
Reported: 12/14/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1057238 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 153571

DATE ANALYZED : 11/21/07
ANALYTICAL DILUTION: 1.00

ANALYTE	MDL	RESULT	UNITS
ACROLEIN	4.0	4.0 U	UG/L
ACRYLONITRILE	1.2	1.2 U	UG/L
BENZENE	0.18	0.18 U	UG/L
BROMODICHLOROMETHANE	0.24	0.24 U	UG/L
BROMOFORM	0.57	0.57 U	UG/L
BROMOMETHANE	0.75	0.75 U	UG/L
CARBON TETRACHLORIDE	0.44	0.44 U	UG/L
CHLOROBENZENE	0.20	0.20 U	UG/L
CHLOROETHANE	0.33	0.33 U	UG/L
2-CHLOROETHYLVINYL ETHER	0.31	0.31 U	UG/L
CHLOROFORM	0.17	0.17 U	UG/L
CHLOROMETHANE	0.33	0.33 U	UG/L
DIBROMOCHLOROMETHANE	0.26	0.26 U	UG/L
1,1-DICHLOROETHANE	0.30	0.30 U	UG/L
1,2-DICHLOROETHANE	0.14	0.14 U	UG/L
1,1-DICHLOROETHENE	0.31	0.31 U	UG/L
TRANS-1,2-DICHLOROETHENE	0.22	0.22 U	UG/L
1,2-DICHLOROPROPANE	0.25	0.25 U	UG/L
CIS-1,3-DICHLOROPROPENE	0.36	0.36 U	UG/L
TRANS-1,3-DICHLOROPROPENE	0.23	0.23 U	UG/L
ETHYLBENZENE	0.17	0.17 U	UG/L
METHYLENE CHLORIDE	0.20	0.20 U	UG/L
1,1,2,2-TETRACHLOROETHANE	0.27	0.27 U	UG/L
TETRACHLOROETHENE	0.27	0.27 U	UG/L
TOLUENE	0.11	0.11 U	UG/L
1,1,1-TRICHLOROETHANE	0.13	0.13 U	UG/L
1,1,2-TRICHLOROETHANE	0.47	0.47 U	UG/L
TRICHLOROETHENE	0.26	0.26 U	UG/L
TRICHLOROFLUOROMETHANE	0.42	0.42 U	UG/L
VINYL CHLORIDE	0.18	0.18 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
4-BROMOFLUOROBENZENE	(77 - 117 %)	100	%
1,2-DICHLOROETHANE-D4	(85 - 122 %)	112	%
TOLUENE-D8	(85 - 115 %)	106	%

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 1056342

Dup Spiked Order No. : 1056343

Client ID:

Test: 625 PPL SEMIVOLATILES

Analytical Units: UG/L

Run Number : 153416

			BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
ACENAPHTHENE	100	0	84.0	84	85.0	85	1	31	47 - 145
ACENAPHTHYLENE	100	0	90.0	90	92.0	92	2	30	33 - 145
ANTHRACENE	100	0	97.0	97	98.0	98	1	30	27 - 133
BENZIDINE	100	0	24.0	24	37.0	37	43	30	10 - 113
BENZO(A)ANTHRACENE	100	0	95.0	95	96.0	96	1	30	33 - 143
BENZO(A)PYRENE	100	0	95.0	95	96.0	96	1	30	17 - 163
BENZO(B)FLUORANTHENE	100	0	100	100	100	100	0	30	24 - 159
BENZO(G,H,I)PERYLENE	100	0	96.0	96	97.0	97	1	30	D - 219
BENZO(K)FLUORANTHENE	100	0	99.0	99	100	100	1	30	11 - 162
BUTYL BENZYL PHTHALATE	100	0	100	100	100	100	0	30	D - 152
DI-N-BUTYLPHTHALATE	100	0	100	100	100	100	0	30	1 - 118
INDENO(1,2,3-CD)PYRENE	100	0	96.0	96	98.0	98	2	30	D - 171
BIS(-2-CHLOROETHOXY)ME	100	0	93.0	93	94.0	94	1	30	33 - 184
BIS(2-CHLOROETHYL)ETHE	100	0	88.0	88	89.0	89	1	30	12 - 158
2-CHLORONAPHTHALENE	100	0	78.0	78	79.0	79	1	30	60 - 118
2-CHLOROPHENOL	100	0	88.0	88	89.0	89	1	40	23 - 134
2,2'-OXYBIS(1-CHLOROPR	100	0	93.0	93	94.0	94	1	30	36 - 166
CHRYSENE	100	0	96.0	96	96.0	96	0	30	17 - 168
DIBENZO(A,H)ANTHRACENE	100	0	96.0	96	98.0	98	2	30	D - 227
1,3-DICHLOROBENZENE	100	0	64.0	64	64.0	64	0	30	D - 172
1,2-DICHLOROBENZENE	100	0	67.0	67	68.0	68	1	30	32 - 129
1,4-DICHLOROBENZENE	100	0	64.0	64	64.0	64	0	28	20 - 124
3,3'-DICHLOROBENZIDINE	100	0	80.0	80	76.0	76	5	30	D - 262
2,4-DICHLOROPHENOL	100	0	95.0	95	96.0	96	1	30	39 - 135
DIETHYLPHTHALATE	100	0	100	100	100	100	0	30	D - 114
DIMETHYL PHTHALATE	100	0	99.0	99	100	100	1	30	D - 112
2,4-DIMETHYLPHENOL	100	0	84.0	84	87.0	87	4	30	39 - 135
2,4-DINITROPHENOL	100	0	100	100	100	100	0	30	D - 191
2,4-DINITROTOLUENE	100	0	99.0	99	100	100	1	38	39 - 139
2,6-DINITROTOLUENE	100	0	96.0	96	98.0	98	2	30	50 - 158
1,2-DIPHENYLHYDRAZINE	100	0	95.0	95	97.0	97	2	30	59 - 113
BIS(2-ETHYLHEXYL)PHTHA	100	0	100	100	100	100	0	30	8 - 158

COLUMBIA ANALYTICAL SERVICES

QUALITY CONTROL SUMMARY: LABORATORY CONTROL SAMPLE
WATER

Spiked Order No. : 1056342

Dup Spiked Order No. : 1056343

Client ID:

Test: 625 PPL SEMIVOLATILES

Analytical Units: UG/L

Run Number : 153416

			BLANK SPIKE		BLANK SPIKE DUP.			QC LIMITS	
ANALYTE	SPIKE ADDED	SAMPLE CONCENT.	FOUND	% REC.	FOUND	% REC.	RPD	RPD	REC.
FLUORANTHENE	100	0	100	100	100	100	0	30	26 - 137
FLUORENE	100	0	91.0	91	92.0	92	1	30	59 - 121
HEXACHLOROBENZENE	100	0	100	100	100	100	0	30	D - 152
HEXACHLOROBUTADIENE	100	0	67.0	67	68.0	68	1	30	24 - 116
HEXACHLOROCYCLOPENTADI	100	0	75.0	75	76.0	76	1	30	10 - 130
HEXACHLOROETHANE	100	0	61.0	61	60.0	60	2	30	40 - 113
ISOPHORONE	100	0	110	110	110	110	0	30	21 - 196
4,6-DINITRO-2-METHYLPH	100	0	95.0	95	98.0	98	3	30	D - 181
4-CHLORO-3-METHYLPHENO	100	0	96.0	96	98.0	98	2	42	22 - 147
NAPHTHALENE	100	0	72.0	72	73.0	73	1	30	21 - 133
NITROBENZENE	100	0	92.0	92	94.0	94	2	30	35 - 180
2-NITROPHENOL	100	0	95.0	95	97.0	97	2	30	29 - 182
4-NITROPHENOL	100	0	52.0	52	50.0	50	4	50	D - 132
N-NITROSODIMETHYLAMINE	100	0	66.0	66	64.0	64	3	30	27 - 130
N-NITROSODIPHENYLAMINE	100	0	79.0	79	80.0	80	1	30	70 - 130
DI-N-OCTYL PHTHALATE	100	0	110	110	110	110	0	30	4 - 146
PENTACHLOROPHENOL	100	0	98.0	98	100	100	2	50	14 - 176
PHENANTHRENE	100	0	94.0	94	96.0	96	2	30	54 - 120
PHENOL	100	0	46.0	46	46.0	46	0	42	5 - 112
4-BROMOPHENYL-PHENYLET	100	0	97.0	97	99.0	99	2	30	53 - 127
4-CHLOROPHENYL-PHENYLE	100	0	90.0	90	93.0	93	3	30	25 - 158
N-NITROSO-DI-N-PROPYLA	100	0	95.0	95	100	100	5	38	D - 230
PYRENE	100	0	99.0	99	100	100	1	31	52 - 115
1,2,4-TRICHLOROBENZENE	100	0	66.0	66	66.0	66	0	28	44 - 142
2,4,6-TRICHLOROPHENOL	100	0	98.0	98	99.0	99	1	30	37 - 144

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1056341 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 153416

ANALYTE	MDL	RESULT	UNITS
DATE EXTRACTED : 11/20/07			
DATE ANALYZED : 11/20/07			
ANALYTICAL DILUTION: 1.00			
ACENAPHTHENE	0.48	0.48 U	UG/L
ACENAPHTHYLENE	0.33	0.33 U	UG/L
ANTHRACENE	0.60	0.60 U	UG/L
BENZIDINE	43	43 U	UG/L
BENZO(A)ANTHRACENE	0.54	0.54 U	UG/L
BENZO(A)PYRENE	0.42	0.42 U	UG/L
BENZO(B)FLUORANTHENE	0.54	0.54 U	UG/L
BENZO(G,H,I)PERYLENE	0.62	0.62 U	UG/L
BENZO(K)FLUORANTHENE	0.53	0.53 U	UG/L
BUTYL BENZYL PHTHALATE	0.59	0.59 U	UG/L
DI-N-BUTYLPHTHALATE	0.39	0.39 U	UG/L
INDENO(1,2,3-CD)PYRENE	0.49	0.49 U	UG/L
BIS(-2-CHLOROETHOXY)METHANE	0.86	0.86 U	UG/L
BIS(2-CHLOROETHYL)ETHER	0.74	0.74 U	UG/L
2-CHLORONAPHTHALENE	0.55	0.55 U	UG/L
2-CHLOROPHENOL	0.69	0.69 U	UG/L
2,2'-OXYBIS(1-CHLOROPROPANE)	0.78	0.78 U	UG/L
CHRYSENE	0.53	0.53 U	UG/L
DIBENZO(A,H)ANTHRACENE	0.63	0.63 U	UG/L
1,3-DICHLOROBENZENE	0.50	0.50 U	UG/L
1,2-DICHLOROBENZENE	0.67	0.67 U	UG/L
1,4-DICHLOROBENZENE	0.58	0.58 U	UG/L
3,3'-DICHLOROBENZIDINE	0.73	0.73 U	UG/L
2,4-DICHLOROPHENOL	0.37	0.37 U	UG/L
DIETHYLPHTHALATE	0.31	0.31 U	UG/L
DIMETHYL PHTHALATE	0.53	0.53 U	UG/L
2,4-DIMETHYLPHENOL	1.8	1.8 U	UG/L
2,4-DINITROPHENOL	14	14 U	UG/L
2,4-DINITROTOLUENE	0.53	0.53 U	UG/L
2,6-DINITROTOLUENE	0.55	0.55 U	UG/L
1,2-DIPHENYLHYDRAZINE	0.48	0.48 U	UG/L
BIS(2-ETHYLHEXYL)PHTHALATE	0.48	0.62	UG/L
FLUORANTHENE	0.32	0.32 U	UG/L
FLUORENE	0.47	0.47 U	UG/L
HEXACHLOROBENZENE	0.43	0.43 U	UG/L
HEXACHLOROBUTADIENE	0.69	0.69 U	UG/L
HEXACHLOROCYCLOPENTADIENE	1.1	1.1 U	UG/L
HEXACHLOROETHANE	0.48	0.48 U	UG/L
ISOPHORONE	0.61	0.61 U	UG/L
4,6-DINITRO-2-METHYLPHENOL	0.51	0.51 U	UG/L
4-CHLORO-3-METHYLPHENOL	0.50	0.50 U	UG/L
NAPHTHALENE	0.62	0.62 U	UG/L
NITROBENZENE	0.78	0.78 U	UG/L

COLUMBIA ANALYTICAL SERVICES

EXTRACTABLE ORGANICS
METHOD 625 PPL SEMIVOLATILES
Reported: 12/14/07

Project Reference:
Client Sample ID : METHOD BLANK

Date Sampled : **Order #:** 1056341 **Sample Matrix:** WATER
Date Received: **Submission #:** **Analytical Run** 153416

ANALYTE	MDL	RESULT	UNITS
DATE EXTRACTED : 11/20/07			
DATE ANALYZED : 11/20/07			
ANALYTICAL DILUTION: 1.00			
4-NITROPHENOL	6.7	6.7 U	UG/L
N-NITROSODIMETHYLAMINE	0.79	0.79 U	UG/L
N-NITROSODIPHENYLAMINE	0.75	0.75 U	UG/L
DI-N-OCTYL PHTHALATE	0.45	0.45 U	UG/L
PENTACHLOROPHENOL	0.60	0.60 U	UG/L
PHENANTHRENE	0.45	0.45 U	UG/L
PHENOL	0.54	0.54 U	UG/L
4-BROMOPHENYL-PHENYLETHER	0.67	0.67 U	UG/L
4-CHLOROPHENYL-PHENYLETHER	0.49	0.49 U	UG/L
N-NITROSO-DI-N-PROPYLAMINE	1.2	1.2 U	UG/L
PYRENE	0.65	0.65 U	UG/L
1,2,4-TRICHLOROBENZENE	0.65	0.65 U	UG/L
2,4,6-TRICHLOROPHENOL	0.59	0.59 U	UG/L

SURROGATE RECOVERIES	QC LIMITS		
TERPHENYL-d14	(45 - 135 %)	87	%
NITROBENZENE-d5	(41 - 129 %)	82	%
PHENOL-d6	(15 - 58 %)	33	%
2-FLUOROBIPHENYL	(51 - 111 %)	78	%
2-FLUOROPHENOL	(27 - 78 %)	48	%
2,4,6-TRIBROMOPHENOL	(44 - 146 %)	75	%

Columbia Analytical Services, INC.
Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 1 OF 2

SR #

CAS Contact

Project Name: Leica
Project Number: 31128
Project Manager: R McPeak
Report CC:
Company/Address: Energy Solutions, 143 West ST, New Milford, CT 06776
Phone: 801-303-1092
FAX#: 860-355-8294
Sampler's Signature:
Sampler's Printed Name: Wayne DeGolier

ANALYSIS REQUESTED (Include Method Number and Container Preservative)

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☒ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☒ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	TPH 1664	REMARKS/ ALTERNATE DESCRIPTION
MW 22	1053408	11/14/07	12:00	H_2O	3	✓								
MW 22A	1053409	"	13:00	"	3	✓								
MW 14A	1053410	"	14:00	"	3	✓								
MW 16A	1053411	"	15:00	"	3	✓								
MW 11A	1053412	"	15:15	"	3	✓								
MW 6A	1053413	"	16:15	"	3	✓								
MW 10	1053414	"	16:30	"	3	✓								
FWD111507	1053415	11/15/07	08:30	"	5	✓	✓						✓	
Trip Blank	1053416													
Temp Blank	1053[illegible]													

Preservative Key
0. NONE
1. HCl
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals

☐ QAPP

TURNAROUND REQUIREMENTS
____ RUSH (SURCHARGES APPLY)
____ 24 hr ____ 48 hr ____ 5 day
✓ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
____ I. Results Only
X II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
____ V. Specialized Forms / Custom Report
Edata ____ Yes ____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R2740802

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 1.5°C
CUSTODY SEALS: Y (N)

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature:	Signature: J. Mott	Signature:	Signature: Amy Hentschke	Signature:	Signature:
Printed Name: Wayne DeGolier	Printed Name: J. Mott CAS	Printed Name:	Printed Name: Amy Hentschke CAS	Printed Name:	Printed Name:
Firm: Energy Solutions	Firm: 11/15/07 1230	Firm:	Firm: 11/15/07 1530	Firm:	Firm:
Date/Time: 11/15/07 12:00	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Columbia Analytical Services, Inc.
Employee - Owned Company
www.caslab.com

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE 2 OF 2

SR #

CAS Contact

Project Name: Leica	Project Number: 31128
Project Manager: R McPeak	Report CC:
Company/Address: Energy Solutions 143 West ST New Milford, CT 06776	
Phone#: 301-303-1092	FAX#: 860-355-8294
Sampler's Signature:	Sampler's Printed Name: Wayne DeGolier

ANALYSIS REQUESTED *(Include Method Number and Container Preservative)*

PRESERVATIVE

CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NUMBER OF CONTAINERS	GC/MS VOA's ☒ 8260 ☐ 624 ☐ CLP	GC/MS SVOA's ☐ 8270 ☐ 625 ☐ CLP	GC VOA's ☐ 8021 ☐ 601/602	PESTICIDES ☐ 8081 ☐ 608 ☐ CLP	PCB's ☐ 8082 ☐ 608 ☐ CLP	METALS, TOTAL (List in comments below)	METALS, DISSOLVED (List in comments below)	REMARKS/ ALTERNATE DESCRIPTION
MW 16 R	105317	11/15/07	10:00	H_2O	3	✓							

Preservative Key
0. NONE
1. HCl
2. HNO_3
3. H_2SO_4
4. NaOH
5. Zn. Acetate
6. MeOH
7. $NaHSO_4$
8. Other _____

SPECIAL INSTRUCTIONS/COMMENTS
Metals

☐ QAPP

TURNAROUND REQUIREMENTS
_____ RUSH (SURCHARGES APPLY)
_____ 24 hr _____ 48 hr _____ 5 day
✓ STANDARD
REQUESTED FAX DATE
REQUESTED REPORT DATE

REPORT REQUIREMENTS
_____ I. Results Only
_____ II. Results + QC Summaries (LCS, DUP, MS/MSD as required)
_____ III. Results + QC and Calibration Summaries
_____ IV. Data Validation Report with Raw Data
_____ V. Speicalized Forms / Custom Report
Edata _____ Yes _____ No

INVOICE INFORMATION
PO#
BILL TO:
SUBMISSION #: R274002

SAMPLE RECEIPT: CONDITION/COOLER TEMP: 1.5°C CUSTODY SEALS: Y N

RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY	RELINQUISHED BY	RECEIVED BY
Signature: Wayne DeGolier	Signature: J. Wyatt / J. Britt	Signature: J. Wyatt / J. Britt	Signature: Amy Ebentschko	Signature:	Signature:
Printed Name: Wayne DeGolier	Printed Name: CAS	Printed Name: CAS	Printed Name: CAS	Printed Name:	Printed Name:
Firm: EnergySolutions	Firm: 11/15/07 1230	Firm: 11/15/07 1530	Firm: 11/15/07 1530	Firm:	Firm:
Date/Time: 11/15/07 1200	Date/Time:	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator; Yellow - Lab Copy; Pink - Retained by Client

SCOC-1102-08

Cooler Receipt And Preservation Check Form

Project/Client Leica Submission Number R2740802

Cooler received on 11/15/07 by: AWH **COURIER:** (CAS) UPS FEDEX VELOCITY CLIENT

1.	Were custody seals on outside of cooler?			(YES) NO		
2.	Were custody papers properly filled out (ink, signed, etc.)?			(YES) NO		
3.	Did all bottles arrive in good condition (unbroken)?			(YES) NO		
4.	Did any VOA vials have significant air bubbles?			YES (NO)		N/A
5.	Were **Ice** or **Ice packs** present?			(YES) NO		
6.	Where did the bottles originate?			CAS/ROC, CLIENT		
7.	Temperature of cooler(s) upon receipt:	5°	1°			
	Is the temperature within 0° - 6° C?:	(Yes)	(Yes)	Yes	Yes	Yes
	If No, Explain Below	No	No	No	No	No

Date/Time Temperatures Taken: 11/15/07 1538

Thermometer ID: 161 or (IR GUN) Reading From: Temp Blank or (Sample Bottle)

If out of Temperature, Client Approval to Run Samples _____

PC Secondary Review: _____

Cooler Breakdown: Date: 11/15/07 by: _____

1.	Were all bottle labels complete (*i.e.* analysis, preservation, etc.)?	(YES)	NO
2.	Did all bottle labels and tags agree with custody papers?	(YES)	NO
3.	Were correct containers used for the tests indicated?	(YES)	NO
4.	Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated		(N/A)

Explain any discrepancies: _____

		YES	NO	Sample I.D.	Reagent	Vol. Added	Final pH
pH	Reagent						
≥12	NaOH						
≤2	HNO_3						
≤2	H_2SO_4						
Residual Chlorine (+/-)	for TCN & Phenol						

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH _____

VOC Vial pH Verification (Tested after Analysis) Following Samples -- Exhibited pH > 2		
12		

Other Comments:

PC Secondary Review: KB 12/14/07