

COVER PAGE

13-55324

1110650003

Arnold Magnetic Technologies

Category: 19C Superfund Technical

Document Date: 11/20/2013

Volume 9 of 10

CONTENTS:

Focused Site Investigation Report

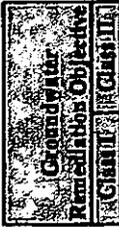
THIS PAGE FOR IMAGING PURPOSES

Supplemental Groundwater TACO Report (INORG)

Client: Environmental Group Services, Ltd.
Project: Marengo, Nov. Water
Laboratory: STAT ANALYSIS

Laboratory ID : 10110322-001 MW-17
Client Sample ID : 10110322-002 MW-18
Date Collected : #####
10110322-003 MW-19
10110322-004 MW-20
10110322-005 MW-21

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CAS No.	Analyte	0.006	0.024	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
7440-36-0	Antimony	0.006	0.024	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006	< 0.006
7440-38-2	Arsenic	0.05	0.2	< 0.004	0.0046	< 0.004	< 0.004	< 0.004	< 0.004	0.018
7440-39-3	Barium	2.0	2.0	0.14	0.35	0.27	0.33	0.33	0.33	0.054
7440-41-7	Beryllium	0.004	0.5	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
7440-43-9	Cadmium	0.005	0.05	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
7440-70-2	Calcium	---	---	98	86	95	76	76	100	100
7440-47-3	Chromium	0.1	1.0	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	0.0076
7440-48-4	Cobalt	1.0	1.0	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	0.014
7440-50-8	Copper	0.65	0.65	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.056
57-12-5	Cyanide	0.2	0.6	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
7439-89-6	Iron	5.0	5.0	2	4.3	4.3	0.54	0.72	0.72	---
7439-92-1	Lead	0.0075	0.1	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	---
7439-95-4	Magnesium	---	---	47	37	47	29	29	38	---
7439-96-5	Manganese	0.15	10.0	< 0.002	< 0.002	< 0.002	0.031	0.031	< 0.002	< 0.002
7439-97-6	Mercury	0.002	0.01	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
7440-02-0	Nickel	0.1	2.0	0.006	0.0062	< 0.004	< 0.004	< 0.004	0.022	0.022
7440-09-7	Potassium	---	---	3.4	1.9	2.3	0.97	0.97	2.2	2.2
7782-49-2	Selenium	0.05	0.05	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
7440-22-4	Silver	0.05	---	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004
7440-23-5	Sodium	---	---	20	16	29	15	15	110	110
7440-28-0	Thallium	0.002	0.02	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002
7440-62-2	Vanadium	0.049	0.1	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	< 0.004	0.026
7440-66-6	Zinc	5.0	10	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.11

All units are mg/L unless otherwise noted.
Based on 35 IAC Part 742, Appendix B Table E.
Bolded/Shadowed values have detected results exceeding the lowest remediation objective.

TACO Tier I Groundwater Remediation Objectives - Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Marengo, Nov. Water

Laboratory: STAT ANALYSIS

Test	Chemical	Sample Number	Concentration Detected (ppm)	TACO Tier I RO (mg/L)	Groundwater Component
VOC	1,1-Dichloroethene	MW-17	0.01	0.007	Class I
		MW-19	0.016		
VOC	Tetrachloroethene	MW-19	0.0092	0.005	Class I
VOC	Vinyl chloride	MW-18	0.0025	0.002	Class I
INORG	Iron	MW-21	31	5	Class I
				5	Class II
INORG	Lead	MW-21	0.025	0.0075	Class I
INORG	Manganese	MW-17	0.21	0.15	Class I
		MW-18	0.24		
		MW-19	0.39		
		MW-21	0.92		

TACO Tier I Groundwater Remediation Objectives - Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Marengo, Nov. Water

Laboratory: STAT ANALYSIS

Test	Chemical	Sample Number	Concentration Detected (ppm)	TACO Tier I RO (mg/l)	Groundwater Component
VOC	1,1-Dichloroethene	MW-17	0.01	0.007	Class I
VOC	1,1-Dichloroethene	MW-19	0.016		
VOC	Tetrachloroethene	MW-19	0.0092	0.005	Class I
VOC	Vinyl chloride	MW-18	0.0025	0.002	Class I
INORG	Iron	MW-21	31	5	Class I
INORG	Iron			5	Class II
INORG	Lead	MW-21	0.025	0.0075	Class I
INORG	Manganese	MW-17	0.21	0.15	Class I
INORG	Manganese	MW-18	0.24		
INORG	Manganese	MW-19	0.39		
INORG	Manganese	MW-21	0.92		

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

November 19, 2010

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200

Fax: (312) 447-0922

RE: Marengo, Nov. Water

STAT Project No: 10110322

Dear Bill Lennon:

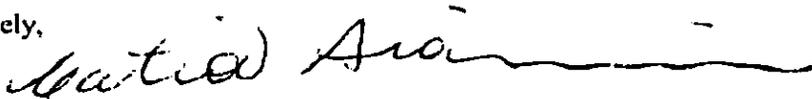
STAT Analysis received 6 samples for the referenced project on 11/10/2010 4:20:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Catia Giannini

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory.

Client: Environmental Group Services, Ltd.
Project: Marengo, Nov. Water
Lab Order: 10110322

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10110322-001A	MW-17		11/10/2010 10:50:00 AM	11/10/2010
10110322-001B	MW-17		11/10/2010 10:50:00 AM	11/10/2010
10110322-001C	MW-17		11/10/2010 10:50:00 AM	11/10/2010
10110322-002A	MW-18		11/10/2010 10:35:00 AM	11/10/2010
10110322-002B	MW-18		11/10/2010 10:35:00 AM	11/10/2010
10110322-002C	MW-18		11/10/2010 10:35:00 AM	11/10/2010
10110322-003A	MW-19		11/10/2010 10:25:00 AM	11/10/2010
10110322-003B	MW-19		11/10/2010 10:25:00 AM	11/10/2010
10110322-003C	MW-19		11/10/2010 10:25:00 AM	11/10/2010
10110322-004A	MW-20		11/10/2010 10:20:00 AM	11/10/2010
10110322-004B	MW-20		11/10/2010 10:20:00 AM	11/10/2010
10110322-004C	MW-20		11/10/2010 10:20:00 AM	11/10/2010
10110322-005A	MW-21		11/10/2010 10:10:00 AM	11/10/2010
10110322-005B	MW-21		11/10/2010 10:10:00 AM	11/10/2010
10110322-005C	MW-21		11/10/2010 10:10:00 AM	11/10/2010
10110322-006A	MW-21-D		11/10/2010 10:10:00 AM	11/10/2010

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-17
Lab Order:	10110322	Collection Date:	11/10/2010 10:50:00 AM
Project:	Marengo, Nov. Water	Matrix:	Aqueous
Lab ID:	10110322-001		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	SW7470A					
Mercury	ND	0.0002		mg/L	1	11/17/2010
						Prep Date: 11/16/2010 Analyst: LB
Metals by ICP/MS	SW6020 (SW3005A)					
Aluminum	0.065	0.04		mg/L	2	11/17/2010
Antimony	ND	0.006		mg/L	2	11/16/2010
Arsenic	ND	0.004		mg/L	2	11/16/2010
Barium	0.14	0.004		mg/L	2	11/16/2010
Beryllium	ND	0.002		mg/L	2	11/16/2010
Cadmium	ND	0.002		mg/L	2	11/16/2010
Calcium	98	0.2		mg/L	2	11/17/2010
Chromium	ND	0.004		mg/L	2	11/17/2010
Cobalt	ND	0.004		mg/L	2	11/17/2010
Copper	ND	0.01		mg/L	2	11/17/2010
Iron	2	0.1		mg/L	2	11/17/2010
Lead	ND	0.002		mg/L	2	11/16/2010
Magnesium	47	0.1		mg/L	2	11/17/2010
Manganese	0.21	0.004		mg/L	2	11/17/2010
Nickel	0.006	0.004		mg/L	2	11/17/2010
Potassium	3.4	0.1		mg/L	2	11/17/2010
Selenium	ND	0.004		mg/L	2	11/16/2010
Silver	ND	0.004		mg/L	2	11/16/2010
Sodium	20	0.3		mg/L	2	11/17/2010
Thallium	ND	0.002		mg/L	2	11/16/2010
Vanadium	ND	0.004		mg/L	2	11/17/2010
Zinc	ND	0.02		mg/L	2	11/17/2010
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)					
Acetone	ND	0.02		mg/L	1	11/13/2010
Benzene	ND	0.005		mg/L	1	11/13/2010
Bromodichloromethane	ND	0.005		mg/L	1	11/13/2010
Bromoform	ND	0.005		mg/L	1	11/13/2010
Bromomethane	ND	0.01		mg/L	1	11/13/2010
2-Butanone	ND	0.02		mg/L	1	11/13/2010
Carbon disulfide	ND	0.01		mg/L	1	11/13/2010
Carbon tetrachloride	ND	0.005		mg/L	1	11/13/2010
Chlorobenzene	ND	0.005		mg/L	1	11/13/2010
Chloroethane	ND	0.01		mg/L	1	11/13/2010
Chloroform	ND	0.005		mg/L	1	11/13/2010
Chloromethane	ND	0.01		mg/L	1	11/13/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.
 Lab Order: 10110322
 Project: Marengo, Nov. Water
 Lab ID: 10110322-001

Client Sample ID: MW-17
 Collection Date: 11/10/2010 10:50:00 AM
 Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW8260B (SW5030B)		Prep Date:		Analyst: PS
Dibromochloromethane	ND	0.005		mg/L	1	11/13/2010
1,1-Dichloroethane	0.029	0.005		mg/L	1	11/13/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	11/13/2010
1,1-Dichloroethene	0.01	0.005		mg/L	1	11/13/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	11/13/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	11/13/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	11/13/2010
Ethylbenzene	ND	0.005		mg/L	1	11/13/2010
2-Hexanone	ND	0.02		mg/L	1	11/13/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	11/13/2010
Methylene chloride	ND	0.005		mg/L	1	11/13/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	11/13/2010
Styrene	ND	0.005		mg/L	1	11/13/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	11/13/2010
Tetrachloroethene	ND	0.005		mg/L	1	11/13/2010
Toluene	ND	0.005		mg/L	1	11/13/2010
1,1,1-Trichloroethane	0.082	0.005		mg/L	1	11/13/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	11/13/2010
Trichloroethene	ND	0.005		mg/L	1	11/13/2010
Vinyl chloride	ND	0.002		mg/L	1	11/13/2010
Xylenes, Total	ND	0.015		mg/L	1	11/13/2010
Cyanide, Total		SW9012A		Prep Date: 11/15/2010		Analyst: YZ
Cyanide	ND	0.005		mg/L	1	11/15/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.	Client Sample ID: MW-18
Lab Order: 10110322	Collection Date: 11/10/2010 10:35:00 AM
Project: Marengo, Nov. Water	Matrix: Aqueous
Lab ID: 10110322-002	

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	SW7470A		Prep Date: 11/16/2010 Analyst: LB			
Mercury	ND	0.0002		mg/L	1	11/17/2010
Metals by ICP/MS	SW6020 (SW3005A)		Prep Date: 11/16/2010 Analyst: JG			
Aluminum	0.29	0.04		mg/L	2	11/16/2010
Antimony	ND	0.006		mg/L	2	11/16/2010
Arsenic	ND	0.004		mg/L	2	11/16/2010
Barium	0.27	0.004		mg/L	2	11/16/2010
Beryllium	ND	0.002		mg/L	2	11/16/2010
Cadmium	ND	0.002		mg/L	2	11/16/2010
Calcium	95	0.2		mg/L	2	11/16/2010
Chromium	ND	0.004		mg/L	2	11/16/2010
Cobalt	ND	0.004		mg/L	2	11/16/2010
Copper	ND	0.01		mg/L	2	11/16/2010
Iron	4.3	0.1		mg/L	2	11/16/2010
Lead	ND	0.002		mg/L	2	11/16/2010
Magnesium	47	0.1		mg/L	2	11/16/2010
Manganese	0.24	0.004		mg/L	2	11/16/2010
Nickel	ND	0.004		mg/L	2	11/16/2010
Potassium	2.3	0.1		mg/L	2	11/16/2010
Selenium	ND	0.004		mg/L	2	11/16/2010
Silver	ND	0.004		mg/L	2	11/16/2010
Sodium	29	0.3		mg/L	2	11/16/2010
Thallium	ND	0.002		mg/L	2	11/16/2010
Vanadium	ND	0.004		mg/L	2	11/16/2010
Zinc	ND	0.02		mg/L	2	11/16/2010
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)		Prep Date: Analyst: PS			
Acetone	ND	0.02		mg/L	1	11/13/2010
Benzene	ND	0.005		mg/L	1	11/13/2010
Bromodichloromethane	ND	0.005		mg/L	1	11/13/2010
Bromoform	ND	0.005		mg/L	1	11/13/2010
Bromomethane	ND	0.01		mg/L	1	11/13/2010
2-Butanone	ND	0.02		mg/L	1	11/13/2010
Carbon disulfide	ND	0.01		mg/L	1	11/13/2010
Carbon tetrachloride	ND	0.005		mg/L	1	11/13/2010
Chlorobenzene	ND	0.005		mg/L	1	11/13/2010
Chloroethane	ND	0.01		mg/L	1	11/13/2010
Chloroform	ND	0.005		mg/L	1	11/13/2010
Chloromethane	ND	0.01		mg/L	1	11/13/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
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 HT - Sample received past holding time
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 R - RPD outside accepted recovery limits
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Date Reported: November 19, 2010

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Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-18
Lab Order:	10110322	Collection Date:	11/10/2010 10:35:00 AM
Project:	Marengo, Nov. Water	Matrix:	Aqueous
Lab ID:	10110322-002		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)		Prep Date:		Analyst: PS	
Dibromochloromethane	ND	0.005		mg/L	1	11/13/2010
1,1-Dichloroethane	ND	0.005		mg/L	1	11/13/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	11/13/2010
1,1-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	11/13/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	11/13/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	11/13/2010
Ethylbenzene	ND	0.005		mg/L	1	11/13/2010
2-Hexanone	ND	0.02		mg/L	1	11/13/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	11/13/2010
Methylene chloride	ND	0.005		mg/L	1	11/13/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	11/13/2010
Styrene	ND	0.005		mg/L	1	11/13/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	11/13/2010
Tetrachloroethene	ND	0.005		mg/L	1	11/13/2010
Toluene	ND	0.005		mg/L	1	11/13/2010
1,1,1-Trichloroethane	ND	0.005		mg/L	1	11/13/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	11/13/2010
Trichloroethene	ND	0.005		mg/L	1	11/13/2010
Vinyl chloride	0.0025	0.002		mg/L	1	11/13/2010
Xylenes, Total	ND	0.015		mg/L	1	11/13/2010
Cyanide, Total						
	SW9012A		Prep Date: 11/15/2010		Analyst: YZ	
Cyanide	ND	0.005		mg/L	1	11/15/2010

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

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Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.
 Lab Order: 10110322
 Project: Marengo, Nov. Water
 Lab ID: 10110322-003

Client Sample ID: MW-19
 Collection Date: 11/10/2010 10:25:00 AM
 Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	SW7470A		Prep Date: 11/16/2010 Analyst: LB			
Mercury	ND	0.0002		mg/L	1	11/17/2010
Metals by ICP/MS	SW6020 (SW3005A)		Prep Date: 11/16/2010 Analyst: JG			
Aluminum	ND	0.04		mg/L	2	11/16/2010
Antimony	ND	0.006		mg/L	2	11/16/2010
Arsenic	0.0046	0.004		mg/L	2	11/16/2010
Barium	0.35	0.004		mg/L	2	11/16/2010
Beryllium	ND	0.002		mg/L	2	11/16/2010
Cadmium	ND	0.002		mg/L	2	11/16/2010
Calcium	86	0.2		mg/L	2	11/16/2010
Chromium	ND	0.004		mg/L	2	11/16/2010
Cobalt	ND	0.004		mg/L	2	11/16/2010
Copper	ND	0.01		mg/L	2	11/16/2010
Iron	0.54	0.1		mg/L	2	11/16/2010
Lead	ND	0.002		mg/L	2	11/16/2010
Magnesium	37	0.1		mg/L	2	11/16/2010
Manganese	0.39	0.004		mg/L	2	11/16/2010
Nickel	0.0062	0.004		mg/L	2	11/16/2010
Potassium	1.9	0.1		mg/L	2	11/16/2010
Selenium	ND	0.004		mg/L	2	11/16/2010
Silver	ND	0.004		mg/L	2	11/16/2010
Sodium	16	0.3		mg/L	2	11/16/2010
Thallium	ND	0.002		mg/L	2	11/16/2010
Vanadium	ND	0.004		mg/L	2	11/16/2010
Zinc	ND	0.02		mg/L	2	11/16/2010
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)		Prep Date: Analyst: PS			
Acetone	ND	0.02		mg/L	1	11/13/2010
Benzene	ND	0.005		mg/L	1	11/13/2010
Bromodichloromethane	ND	0.005		mg/L	1	11/13/2010
Bromoform	ND	0.005		mg/L	1	11/13/2010
Bromomethane	ND	0.01		mg/L	1	11/13/2010
2-Butanone	ND	0.02		mg/L	1	11/13/2010
Carbon disulfide	ND	0.01		mg/L	1	11/13/2010
Carbon tetrachloride	ND	0.005		mg/L	1	11/13/2010
Chlorobenzene	ND	0.005		mg/L	1	11/13/2010
Chloroethane	ND	0.01		mg/L	1	11/13/2010
Chloroform	ND	0.005		mg/L	1	11/13/2010
Chloromethane	ND	0.01		mg/L	1	11/13/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.
 Lab Order: 10110322
 Project: Marengo, Nov. Water
 Lab ID: 10110322-003

Client Sample ID: MW-19
 Collection Date: 11/10/2010 10:25:00 AM
 Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)			Prep Date:		Analyst: PS
Dibromochloromethane	ND	0.005		mg/L	1	11/13/2010
1,1-Dichloroethane	0.052	0.005		mg/L	1	11/13/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	11/13/2010
1,1-Dichloroethene	0.016	0.005		mg/L	1	11/13/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	11/13/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	11/13/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	11/13/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	11/13/2010
Ethylbenzene	ND	0.005		mg/L	1	11/13/2010
2-Hexanone	ND	0.02		mg/L	1	11/13/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	11/13/2010
Methylene chloride	ND	0.005		mg/L	1	11/13/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	11/13/2010
Styrene	ND	0.005		mg/L	1	11/13/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	11/13/2010
Tetrachloroethene	0.0092	0.005		mg/L	1	11/13/2010
Toluene	ND	0.005		mg/L	1	11/13/2010
1,1,1-Trichloroethane	0.11	0.005		mg/L	1	11/13/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	11/13/2010
Trichloroethene	ND	0.005		mg/L	1	11/13/2010
Vinyl chloride	ND	0.002		mg/L	1	11/13/2010
Xylenes, Total	ND	0.015		mg/L	1	11/13/2010
Cyanide, Total						
	SW9012A			Prep Date: 11/15/2010		Analyst: YZ
Cyanide	ND	0.005		mg/L	1	11/15/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.
 Lab Order: 10110322
 Project: Marengo, Nov. Water
 Lab ID: 10110322-004

Client Sample ID: MW-20
 Collection Date: 11/10/2010 10:20:00 AM
 Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	SW7470A		Prep Date: 11/16/2010 Analyst: LB			
Mercury	ND	0.0002		mg/L	1	11/17/2010
Metals by ICP/MS	SW6020 (SW3005A)		Prep Date: 11/16/2010 Analyst: JG			
Aluminum	0.17	0.04		mg/L	2	11/16/2010
Antimony	ND	0.006		mg/L	2	11/16/2010
Arsenic	ND	0.004		mg/L	2	11/16/2010
Barium	0.033	0.004		mg/L	2	11/16/2010
Beryllium	ND	0.002		mg/L	2	11/16/2010
Cadmium	ND	0.002		mg/L	2	11/16/2010
Calcium	76	0.2		mg/L	2	11/16/2010
Chromium	ND	0.004		mg/L	2	11/16/2010
Cobalt	ND	0.004		mg/L	2	11/16/2010
Copper	ND	0.01		mg/L	2	11/16/2010
Iron	0.72	0.1		mg/L	2	11/16/2010
Lead	ND	0.002		mg/L	2	11/16/2010
Magnesium	29	0.1		mg/L	2	11/16/2010
Manganese	0.031	0.004		mg/L	2	11/16/2010
Nickel	ND	0.004		mg/L	2	11/16/2010
Potassium	0.97	0.1		mg/L	2	11/16/2010
Selenium	ND	0.004		mg/L	2	11/16/2010
Silver	ND	0.004		mg/L	2	11/16/2010
Sodium	15	0.3		mg/L	2	11/16/2010
Thallium	ND	0.002		mg/L	2	11/16/2010
Vanadium	ND	0.004		mg/L	2	11/16/2010
Zinc	ND	0.02		mg/L	2	11/16/2010
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)		Prep Date: Analyst: PS			
Acetone	ND	0.02		mg/L	1	11/14/2010
Benzene	ND	0.005		mg/L	1	11/14/2010
Bromodichloromethane	ND	0.005		mg/L	1	11/14/2010
Bromoform	ND	0.005		mg/L	1	11/14/2010
Bromomethane	ND	0.01		mg/L	1	11/14/2010
2-Butanone	ND	0.02		mg/L	1	11/14/2010
Carbon disulfide	ND	0.01		mg/L	1	11/14/2010
Carbon tetrachloride	ND	0.005		mg/L	1	11/14/2010
Chlorobenzene	ND	0.005		mg/L	1	11/14/2010
Chloroethane	ND	0.01		mg/L	1	11/14/2010
Chloroform	ND	0.005		mg/L	1	11/14/2010
Chloromethane	ND	0.01		mg/L	1	11/14/2010

Qualifiers: ND - Not Detected at the Reporting Limit RL - Reporting / Quantitation Limit for the analysis
 J - Analyte detected below quantitation limits S - Spike Recovery outside accepted recovery limits
 B - Analyte detected in the associated Method Blank R - RPD outside accepted recovery limits
 HT - Sample received past holding time E - Value above quantitation range
 * - Non-accredited parameter H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-20
Lab Order:	10110322	Collection Date:	11/10/2010 10:20:00 AM
Project:	Marengo, Nov. Water	Matrix:	Aqueous
Lab ID:	10110322-004		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)			Prep Date:		Analyst: PS
Dibromochloromethane	ND	0.005		mg/L	1	11/14/2010
1,1-Dichloroethane	ND	0.005		mg/L	1	11/14/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	11/14/2010
1,1-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	11/14/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	11/14/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	11/14/2010
Ethylbenzene	ND	0.005		mg/L	1	11/14/2010
2-Hexanone	ND	0.02		mg/L	1	11/14/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	11/14/2010
Methylene chloride	ND	0.005		mg/L	1	11/14/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	11/14/2010
Styrene	ND	0.005		mg/L	1	11/14/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	11/14/2010
Tetrachloroethene	ND	0.005		mg/L	1	11/14/2010
Toluene	ND	0.005		mg/L	1	11/14/2010
1,1,1-Trichloroethane	ND	0.005		mg/L	1	11/14/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	11/14/2010
Trichloroethene	ND	0.005		mg/L	1	11/14/2010
Vinyl chloride	ND	0.002		mg/L	1	11/14/2010
Xylenes, Total	ND	0.015		mg/L	1	11/14/2010
Cyanide, Total						
	SW9012A			Prep Date: 11/15/2010		Analyst: YZ
Cyanide	ND	0.005		mg/L	1	11/15/2010

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-21
Lab Order:	10110322	Collection Date:	11/10/2010 10:10:00 AM
Project:	Marengo, Nov. Water	Matrix:	Aqueous
Lab ID:	10110322-005		

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury						
	SW7470A			Prep Date: 11/16/2010		Analyst: LB
Mercury	ND	0.0002		mg/L	1	11/17/2010
Metals by ICP/MS						
	SW6020 (SW3005A)			Prep Date: 11/16/2010		Analyst: JG
Aluminum	5.1	0.04		mg/L	2	11/17/2010
Antimony	ND	0.006		mg/L	2	11/16/2010
Arsenic	0.018	0.004		mg/L	2	11/16/2010
Barium	0.054	0.004		mg/L	2	11/16/2010
Beryllium	ND	0.002		mg/L	2	11/16/2010
Cadmium	ND	0.002		mg/L	2	11/16/2010
Calcium	100	0.2		mg/L	2	11/17/2010
Chromium	0.0076	0.004		mg/L	2	11/17/2010
Cobalt	0.014	0.004		mg/L	2	11/17/2010
Copper	0.056	0.01		mg/L	2	11/17/2010
Iron	31	0.1		mg/L	2	11/17/2010
Lead	0.025	0.002		mg/L	2	11/16/2010
Magnesium	38	0.1		mg/L	2	11/17/2010
Manganese	0.92	0.004		mg/L	2	11/17/2010
Nickel	0.022	0.004		mg/L	2	11/17/2010
Potassium	2.2	0.1		mg/L	2	11/17/2010
Selenium	ND	0.004		mg/L	2	11/16/2010
Silver	ND	0.004		mg/L	2	11/16/2010
Sodium	110	0.3		mg/L	2	11/17/2010
Thallium	ND	0.002		mg/L	2	11/16/2010
Vanadium	0.026	0.004		mg/L	2	11/17/2010
Zinc	0.11	0.02		mg/L	2	11/17/2010
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)			Prep Date:		Analyst: PS
Acetone	ND	0.02		mg/L	1	11/14/2010
Benzene	ND	0.005		mg/L	1	11/14/2010
Bromodichloromethane	ND	0.005		mg/L	1	11/14/2010
Bromoform	ND	0.005		mg/L	1	11/14/2010
Bromomethane	ND	0.01		mg/L	1	11/14/2010
2-Butanone	ND	0.02		mg/L	1	11/14/2010
Carbon disulfide	ND	0.01		mg/L	1	11/14/2010
Carbon tetrachloride	ND	0.005		mg/L	1	11/14/2010
Chlorobenzene	ND	0.005		mg/L	1	11/14/2010
Chloroethane	ND	0.01		mg/L	1	11/14/2010
Chloroform	ND	0.005		mg/L	1	11/14/2010
Chloromethane	ND	0.01		mg/L	1	11/14/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.
 Lab Order: 10110322
 Project: Marengo, Nov. Water
 Lab ID: 10110322-005

Client Sample ID: MW-21
 Collection Date: 11/10/2010 10:10:00 AM
 Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)		Prep Date:		Analyst: PS	
Dibromochloromethane	ND	0.005		mg/L	1	11/14/2010
1,1-Dichloroethane	ND	0.005		mg/L	1	11/14/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	11/14/2010
1,1-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	11/14/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	11/14/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	11/14/2010
Ethylbenzene	ND	0.005		mg/L	1	11/14/2010
2-Hexanone	ND	0.02		mg/L	1	11/14/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	11/14/2010
Methylene chloride	ND	0.005		mg/L	1	11/14/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	11/14/2010
Styrene	ND	0.005		mg/L	1	11/14/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	11/14/2010
Tetrachloroethene	ND	0.005		mg/L	1	11/14/2010
Toluene	ND	0.005		mg/L	1	11/14/2010
1,1,1-Trichloroethane	ND	0.005		mg/L	1	11/14/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	11/14/2010
Trichloroethene	ND	0.005		mg/L	1	11/14/2010
Vinyl chloride	ND	0.002		mg/L	1	11/14/2010
Xylenes, Total	ND	0.015		mg/L	1	11/14/2010
Cyanide, Total						
	SW9012A		Prep Date: 11/16/2010		Analyst: YZ	
Cyanide	ND	0.005		mg/L	1	11/18/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NYLAP LabCode 101202-

Date Reported: November 19, 2010

Date Printed: November 19, 2010

Client: Environmental Group Services, Ltd.
 Lab Order: 10110322
 Project: Marengo, Nov. Water
 Lab ID: 10110322-006

Client Sample ID: MW-21-D
 Collection Date: 11/10/2010 10:10:00 AM
 Matrix: Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)			Prep Date:		Analyst: PS
Acetone	ND	0.02		mg/L	1	11/14/2010
Benzene	ND	0.005		mg/L	1	11/14/2010
Bromodichloromethane	ND	0.005		mg/L	1	11/14/2010
Bromoform	ND	0.005		mg/L	1	11/14/2010
Bromomethane	ND	0.01		mg/L	1	11/14/2010
2-Butanone	ND	0.02		mg/L	1	11/14/2010
Carbon disulfide	ND	0.01		mg/L	1	11/14/2010
Carbon tetrachloride	ND	0.005		mg/L	1	11/14/2010
Chlorobenzene	ND	0.005		mg/L	1	11/14/2010
Chloroethane	ND	0.01		mg/L	1	11/14/2010
Chloroform	ND	0.005		mg/L	1	11/14/2010
Chloromethane	ND	0.01		mg/L	1	11/14/2010
Dibromochloromethane	ND	0.005		mg/L	1	11/14/2010
1,1-Dichloroethane	ND	0.005		mg/L	1	11/14/2010
1,2-Dichloroethane	ND	0.005		mg/L	1	11/14/2010
1,1-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	11/14/2010
1,2-Dichloropropane	ND	0.005		mg/L	1	11/14/2010
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	11/14/2010
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	11/14/2010
Ethylbenzene	ND	0.005		mg/L	1	11/14/2010
2-Hexanone	ND	0.02		mg/L	1	11/14/2010
4-Methyl-2-pentanone	ND	0.02		mg/L	1	11/14/2010
Methylene chloride	ND	0.005		mg/L	1	11/14/2010
Methyl tert-butyl ether	ND	0.005		mg/L	1	11/14/2010
Styrene	ND	0.005		mg/L	1	11/14/2010
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	11/14/2010
Tetrachloroethene	ND	0.005		mg/L	1	11/14/2010
Toluene	ND	0.005		mg/L	1	11/14/2010
1,1,1-Trichloroethane	ND	0.005		mg/L	1	11/14/2010
1,1,2-Trichloroethane	ND	0.005		mg/L	1	11/14/2010
Trichloroethene	ND	0.005		mg/L	1	11/14/2010
Vinyl chloride	ND	0.002		mg/L	1	11/14/2010
Xylenes, Total	ND	0.015		mg/L	1	11/14/2010

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

Company: 5636
 Project Number: Client Tracking No.:
 Project Name: 1705 TALK METALS
 Project Location: 5-DA-1
 Samplers(s):
 Report To: BILLY
 Phone: Results Needed
 Fax: Turn Around

QC Level: 1 2 3 4	Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp	Grab	Preser	No of Containers	Remarks	Lab No.:
	MW-17	11/10	13:10	H ₂ O				4	X	001
	MW-18		16:55					5	X	002
	MW-19		16:15					5	X	003
	MW-20		16:16					5	X	004
	MW-31		18:00					4	X	005
	MW-31-D		18:16					2	X	006

Relinquished by (Signature): [Signature] Date/Time: 11/10 4:20P
 Received by (Signature): [Signature] Date/Time: 11/10/01 6:20
 Relinquished by (Signature): [Signature] Date/Time:
 Received by (Signature): [Signature] Date/Time:
 Relinquished by (Signature): [Signature] Date/Time:
 Received by (Signature): [Signature] Date/Time:

Comments: Laboratory Work Order No.: 10110322
 Received on Ice: Yes No
 Temperature: 4.8 °C

Preservation Code: A = None B = HING C = Nat/Hi
 D = H₂SO₄ E = HCl F = 30% H₂O G = Other

Sample Receipt Checklist

Client Name EGSL

Date and Time Received: 11/10/2010 4:20:00 PM

Work Order Number 10110322

Received by: CDF

Checklist completed by:

[Signature] 11/10/10
Signature Date

Reviewed by:

[Signature] 11/14/10
Initials Date

Matrix Carrier name Client Delivered

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature 4.8 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: *[Signature]*
- Water - Samples properly preserved? Yes No pH Adjusted? NO

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

Site Investigation Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC

APPENDIX E – MW-22 AND MW-23 ANALYTICAL DATA



Client: Environmental Group Services, Ltd.
 Project: Marengo 70/90
 Laboratory: STAT ANALYSIS

Laboratory ID: 11030900-001 11030900-002
 Client Sample ID: MW-22 (90) MW-23 (70)
 Date Collected: 3/31/2011 12:00 3/31/2011 12:15

CAS No.	Analyte	Groundwater Remediation Objective			
		Class I	Class II		
71-43-2	Benzene	0.005	0.025	< 0.005	< 0.005
75-27-4	Bromodichloromethane	0.0002	0.0002	< 0.005	< 0.005
75-25-2	Bromoform	0.001	0.001	< 0.005	< 0.005
74-83-9	Bromomethane	0.0098	0.049	< 0.01	< 0.01
78-93-3	2-Butanone			< 0.02	< 0.02
75-15-0	Carbon disulfide	0.7	3.5	< 0.01	< 0.01
56-23-5	Carbon tetrachloride	0.005	0.025	< 0.005	< 0.005
108-90-7	Chlorobenzene	0.1	0.5	< 0.005	< 0.005
124-48-1	Dibromochloromethane	0.14	0.14	< 0.005	< 0.005
75-00-3	Chloroethane			< 0.01	< 0.01
67-66-3	Chloroform	0.0002	0.001	< 0.005	< 0.005
74-87-3	Chloromethane			< 0.01	< 0.01
75-34-3	1,1-Dichloroethane	0.7	3.5	0.0062	< 0.005
107-06-2	1,2-Dichloroethane	0.005	0.025	< 0.005	< 0.005
75-35-4	1,1-Dichloroethene	0.007	0.035	< 0.005	< 0.005
156-59-2	cis-1,2-Dichloroethene	0.07	0.2	< 0.005	< 0.005
156-60-5	trans-1,2-Dichloroethene	0.1	0.5	< 0.005	< 0.005
78-87-5	1,2-Dichloropropane	0.005	0.025	< 0.005	< 0.005
10061-01-5	cis-1,3-Dichloropropene	0.001	0.005	< 0.001	< 0.001
10061-02-6	trans-1,3-Dichloropropene	0.001	0.005	< 0.001	< 0.001
100-41-4	Ethylbenzene	0.7	1.0	< 0.005	< 0.005
591-78-6	2-Hexanone			< 0.02	< 0.02
108-10-1	4-Methyl-2-pentanone			< 0.02	< 0.02
75-09-2	Methylene chloride	0.005	0.05	< 0.005	< 0.005
1634-04-4	Methyl tert-butyl ether	0.07	0.07	< 0.005	< 0.005
100-42-5	Styrene	0.1	0.5	< 0.005	< 0.005
79-34-5	1,1,2,2-Tetrachloroethane			< 0.005	< 0.005
127-18-4	Tetrachloroethene	0.005	0.025	< 0.005	< 0.005
108-88-3	Toluene	1.0	2.5	< 0.005	< 0.005
71-55-6	1,1,1-Trichloroethane	0.2	1.0	0.011	< 0.005
79-00-5	1,1,2-Trichloroethane	0.005	0.05	< 0.005	< 0.005
79-01-6	Trichloroethene	0.005	0.025	< 0.005	< 0.005
75-01-4	Vinyl chloride	0.002	0.01	< 0.002	< 0.002
1330-20-7	Xylenes, Total	10.0	10.0	< 0.015	< 0.015

R 002426

All units are mg/L unless otherwise noted.
 Based on 35 IAC Part 742, Appendix B Table E.
 Bolded/Shadowed values have detected results exceeding the lowest remediation objective.

Client: Environmental Group Services, Ltd.
 Project: Marengo 70/90
 Laboratory: STAT ANALYSIS

Laboratory ID : 11030900-001 11030900-002
 Client Sample ID : MW-22 (90) MW-23 (70)
 Date Collected : 3/31/2011 12:00 3/31/2011 12:15



CAS No.	Analyte	0.006	0.024	< 0.006	< 0.006
7440-36-0	Antimony	0.006	0.024	< 0.006	< 0.006
7440-38-2	Arsenic	0.05	0.2	< 0.004	< 0.004
7440-39-3	Barium	2.0	2.0	0.11	0.14
7440-41-7	Beryllium	0.004	0.5	< 0.002	< 0.002
7440-43-9	Cadmium	0.005	0.05	< 0.002	< 0.002
7440-70-2	Calcium	---	---	92	92
7440-47-3	Chromium	0.1	1.0	< 0.004	< 0.004
7440-48-4	Cobalt	1.0	1.0	< 0.004	< 0.004
7440-50-8	Copper	0.65	0.65	< 0.01	< 0.01
7439-89-6	Iron	5.0	5.0	1.1	1.1
7439-92-1	Lead	0.0075	0.1	< 0.002	< 0.002
7439-95-4	Magnesium	---	---	48	49
7439-96-5	Manganese	0.15	10.0	0.12	
7439-97-6	Mercury	0.002	0.01	< 0.0002	< 0.0002
7440-02-0	Nickel	0.1	2.0	0.0044	< 0.004
7440-09-7	Potassium	---	---	2.2	2.7
7782-49-2	Selenium	0.05	0.05	< 0.004	< 0.004
7440-22-4	Silver	0.05	---	< 0.004	< 0.004
7440-23-5	Sodium	---	---	16	23
7440-28-0	Thallium	0.002	0.02	< 0.002	< 0.002
7440-62-2	Vanadium	0.049	0.1	< 0.004	< 0.004
7440-66-6	Zinc	5.0	10	< 0.02	< 0.02

R 002427

All units are mg/L unless otherwise noted.
 Based on 35 IAC Part 742, Appendix B Table E.
 Bolded/Shaded values have detected results exceeding the lowest remediation objective.

TACO Tier I Groundwater Remediation Objectives - Exceedance Report

Client: Environmental Group Services, Ltd.

Project: Marengo 70/90

Laboratory: STAT ANALYSIS

Test	Chemical	Sample Number	Concentration Detected (ppm)	TACO Tier I RO (mg/L)	Groundwater Component
INORG	Manganes	MW-23 (70)	0.34	0.15	Class I

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

April 07, 2011

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200

Fax: (312) 447-0922

RE: Marengo 70/90

STAT Project No 11030900

Dear Bill Lennon:

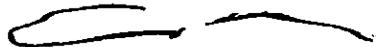
STAT Analysis received 2 samples for the referenced project on 3/31/2011 5:10:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Client: Environmental Group Services, Ltd.
Project: Marengo 70/90
Lab Order: 11030900

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030900-001A	MW-22 (90)		3/31/2011 12:00:00 PM	3/31/2011
11030900-001B	MW-22 (90)		3/31/2011 12:00:00 PM	3/31/2011
11030900-002A	MW-23 (70)		3/31/2011 12:15:00 PM	3/31/2011
11030900-002B	MW-23 (70)		3/31/2011 12:15:00 PM	3/31/2011

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22 (90)
Lab Order:	11030900	Tag Number:	
Project:	Marengo 70/90	Collection Date:	3/31/2011 12:00:00 PM
Lab ID:	11030900-001A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatle Organic Compounds by GC/MS		SW8260B (SW5030B)		Prep Date:		Analyst: EJM
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	0.0062	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	0.011	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22 (90)
Lab Order:	11030900	Tag Number:	
Project:	Marengo 70/90	Collection Date:	3/31/2011 12:00:00 PM
Lab ID:	11030900-001B	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	SW7470A					
Mercury	ND	0.0002		mg/L	1	4/5/2011
						Analyst: LB
Metals by ICP/MS	SW6020 (SW3005A)					
Aluminum	ND	0.04		mg/L	2	4/4/2011
Antimony	ND	0.006		mg/L	2	4/4/2011
Arsenic	ND	0.004		mg/L	2	4/4/2011
Barium	0.11	0.004		mg/L	2	4/4/2011
Beryllium	ND	0.002		mg/L	2	4/4/2011
Cadmium	ND	0.002		mg/L	2	4/4/2011
Calcium	92	0.2		mg/L	2	4/4/2011
Chromium	ND	0.004		mg/L	2	4/4/2011
Cobalt	ND	0.004		mg/L	2	4/4/2011
Copper	ND	0.01		mg/L	2	4/4/2011
Iron	1.1	0.1		mg/L	2	4/4/2011
Lead	ND	0.002		mg/L	2	4/4/2011
Magnesium	48	0.1		mg/L	2	4/4/2011
Manganese	0.12	0.004		mg/L	2	4/4/2011
Nickel	0.0044	0.004		mg/L	2	4/4/2011
Potassium	2.2	0.1		mg/L	2	4/4/2011
Selenium	ND	0.004		mg/L	2	4/4/2011
Silver	ND	0.004		mg/L	2	4/4/2011
Sodium	16	0.3		mg/L	2	4/4/2011
Thallium	ND	0.002		mg/L	2	4/4/2011
Vanadium	ND	0.004		mg/L	2	4/4/2011
Zinc	ND	0.02		mg/L	2	4/4/2011

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-23 (70)
Lab Order:	11030900	Tag Number:	
Project:	Marengo 70/90	Collection Date:	3/31/2011 12:15:00 PM
Lab ID:	11030900-002A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)		Prep Date:		Analyst: EJJH	
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-23 (70)
Lab Order:	11030900	Tag Number:	
Project:	Marengo 70/90	Collection Date:	3/31/2011 12:15:00 PM
Lab ID:	11030900-002B	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Mercury	SW7470A					
Mercury	ND	0.0002		mg/L	1	4/5/2011
						Prep Date: 4/5/2011 Analyst: LB
Metals by ICP/MS	SW6020 (SW3005A)					
Aluminum	ND	0.04		mg/L	2	4/4/2011
Antimony	ND	0.006		mg/L	2	4/4/2011
Arsenic	ND	0.004		mg/L	2	4/4/2011
Barium	0.14	0.004		mg/L	2	4/4/2011
Beryllium	ND	0.002		mg/L	2	4/4/2011
Cadmium	ND	0.002		mg/L	2	4/4/2011
Calcium	92	0.2		mg/L	2	4/4/2011
Chromium	ND	0.004		mg/L	2	4/4/2011
Cobalt	ND	0.004		mg/L	2	4/4/2011
Copper	ND	0.01		mg/L	2	4/4/2011
Iron	1.1	0.1		mg/L	2	4/4/2011
Lead	ND	0.002		mg/L	2	4/4/2011
Magnesium	49	0.1		mg/L	2	4/4/2011
Manganese	0.34	0.004		mg/L	2	4/4/2011
Nickel	ND	0.004		mg/L	2	4/4/2011
Potassium	2.7	0.1		mg/L	2	4/4/2011
Selenium	ND	0.004		mg/L	2	4/4/2011
Silver	ND	0.004		mg/L	2	4/4/2011
Sodium	23	0.3		mg/L	2	4/4/2011
Thallium	ND	0.002		mg/L	2	4/4/2011
Vanadium	ND	0.004		mg/L	2	4/4/2011
Zinc	ND	0.02		mg/L	2	4/4/2011

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

Sample Receipt Checklist

Client Name **EGSL**

Date and Time Received: **3/31/2011 5:10:00 PM**

Work Order Number **11030900**

Received by: **JJM**

Checklist completed by:

[Signature] 3/31/11
Signature Date

Reviewed by:

[Signature] 4/1/11
Initials Date

Matrix:

Carrier name **STAT Analysis**

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature **2.1 °C**
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by: *[Signature]*
- Water - Samples properly preserved? Yes No pH Adjusted? **NO**

Any No response must be detailed in the comments section below.

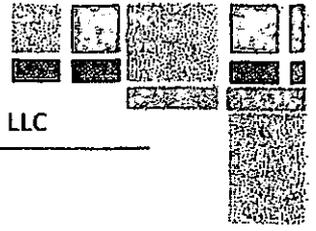
Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:



APPENDIX F – OFF-SITE PRIVATE POTABLE WELL ANALYTICAL DATA



Client: Environmental Group Services, Ltd.
 Project: Marengo Private
 Laboratory: STAT ANALYSIS

Laboratory ID: 11030902-001 11030902-002 11030902-003
 Client Sample ID: MW-22110 MW-22104 MW-22012
 Date Collected: 3/31/2011 13:00 3/31/2011 13:30 3/31/2011 14:00



CAS No.	Analyte	0.005	0.025	< 0.005	< 0.005	< 0.005	< 0.005
71-43-2	Benzene	0.005	0.025	< 0.005	< 0.005	< 0.005	< 0.005
75-27-4	Bromodichloromethane	0.0002	0.0002	< 0.005	< 0.005	< 0.005	< 0.005
75-25-2	Bromoform	0.001	0.001	< 0.005	< 0.005	< 0.005	< 0.005
74-83-9	Bromomethane	0.0098	0.049	< 0.01	< 0.01	< 0.01	< 0.01
78-93-3	2-Butanone			< 0.02	< 0.02	< 0.02	< 0.02
75-15-0	Carbon disulfide	0.7	3.5	< 0.01	< 0.01	< 0.01	< 0.01
56-23-5	Carbon tetrachloride	0.065	0.025	< 0.005	< 0.005	< 0.005	< 0.005
108-90-7	Chlorobenzene	0.1	0.5	< 0.005	< 0.005	< 0.005	< 0.005
124-48-1	Dibromochloromethane	0.14	0.14	< 0.005	< 0.005	< 0.005	< 0.005
75-00-3	Chloromethane			< 0.01	< 0.01	< 0.01	< 0.01
67-66-3	Chloroform	0.0002	0.001	< 0.005	< 0.005	< 0.005	< 0.005
74-87-3	Chloromethane			< 0.01	< 0.01	< 0.01	< 0.01
75-34-3	1,1-Dichloroethane	0.7	3.5	< 0.005	< 0.005	< 0.005	< 0.005
107-06-2	1,2-Dichloroethane	0.005	0.025	< 0.005	< 0.005	< 0.005	< 0.005
75-35-4	1,1-Dichloroethene	0.007	0.035	< 0.005	< 0.005	< 0.005	< 0.005
156-59-2	cis-1,2-Dichloroethene	0.07	0.2	< 0.005	< 0.005	< 0.005	< 0.005
156-60-5	trans-1,2-Dichloroethene	0.1	0.5	< 0.005	< 0.005	< 0.005	< 0.005
78-87-5	1,2-Dichloropropane	0.005	0.025	< 0.005	< 0.005	< 0.005	< 0.005
10061-01-5	cis-1,3-Dichloropropene	0.001	0.005	< 0.001	< 0.001	< 0.001	< 0.001
10061-02-6	trans-1,3-Dichloropropene	0.001	0.005	< 0.001	< 0.001	< 0.001	< 0.001
100-41-4	Ethylbenzene	0.7	1.0	< 0.005	< 0.005	< 0.005	< 0.005
591-78-6	2-Hexanone			< 0.02	< 0.02	< 0.02	< 0.02
108-10-1	4-Methyl-2-pentanone			< 0.02	< 0.02	< 0.02	< 0.02
75-09-2	Methylene chloride	0.005	0.05	< 0.005	< 0.005	< 0.005	< 0.005
1634-04-4	Methyl tert-butyl ether	0.07	0.07	< 0.005	< 0.005	< 0.005	< 0.005
100-42-5	Styrene	0.1	0.5	< 0.005	< 0.005	< 0.005	< 0.005
79-34-5	1,1,2,2-Tetrachloroethane			< 0.005	< 0.005	< 0.005	< 0.005
127-18-4	Tetrachloroethene	0.005	0.025	< 0.005	< 0.005	< 0.005	< 0.005
108-88-3	Toluene	1.0	2.5	< 0.005	< 0.005	< 0.005	< 0.005
71-55-6	1,1,1-Trichloroethane	0.2	1.0	< 0.005	< 0.005	< 0.005	< 0.005
79-00-5	1,1,2-Trichloroethane	0.005	0.05	< 0.005	< 0.005	< 0.005	< 0.005
79-01-6	Trichloroethene	0.005	0.025	< 0.005	< 0.005	< 0.005	< 0.005
75-01-4	Vinyl chloride	0.002	0.01	< 0.002	< 0.002	< 0.002	< 0.002
1330-20-7	Xylenes, Total	10.0	10.0	< 0.015	< 0.015	< 0.015	< 0.015

All units are mg/L unless otherwise noted.
 Based on 35 IAC Part 742, Appendix B Table E.
 Bolded/Shaded values have exceeded results exceeding the lowest remediation objective.

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

April 07, 2011

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200

Fax: (312) 447-0922

RE: Marengo Private

STAT Project No 11030902

Dear Bill Lennon:

STAT Analysis received 3 samples for the referenced project on 3/31/2011 5:10:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.



Client: Environmental Group Services, Ltd.
Project: Marengo Private
Lab Order: 11030902

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030902-001A	MW-22110		3/31/2011 1:00:00 PM	3/31/2011
11030902-002A	MW-22104		3/31/2011 1:30:00 PM	3/31/2011
11030902-003A	MW-22012		3/31/2011 2:00:00 PM	3/31/2011

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22110
Lab Order:	11030902	Tag Number:	
Project:	Marengo Private	Collection Date:	3/31/2011 1:00:00 PM
Lab ID:	11030902-001A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)		Prep Date:		Analyst: EJJH	
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22104
Lab Order:	11030902	Tag Number:	
Project:	Marengo Private	Collection Date:	3/31/2011 1:30:00 PM
Lab ID:	11030902-002A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)		Prep Date:		Analyst: EJM	
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

STAT Analysis Corporation

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Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22012
Lab Order:	11030902	Tag Number:	
Project:	Marengo Private	Collection Date:	3/31/2011 2:00:00 PM
Lab ID:	11030902-003A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS						
	SW8260B (SW5030B)		Prep Date:		Analyst: EJJ	
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

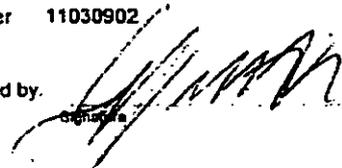
Sample Receipt Checklist

Client Name EGSL

Date and Time Received: 3/31/2011 5:10:00 PM

Work Order Number 11030902

Received by: JJM

Checklist completed by: 

Signature

Date

3/31/11

Reviewed by: 

Initials

4/1/11

Date

Matrix:

Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature 2.1 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by:
- Water - Samples properly preserved? Yes No pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

Site Investigation Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC

APPENDIX G – GP-40* THROUGH GP-50 ANALYTICAL



Date Analyzed		11/25/2011	12/02/2011	12/09/2011	12/16/2011	12/23/2011	12/30/2011	01/06/2012	01/13/2012	01/20/2012	01/27/2012	02/03/2012	02/10/2012	02/17/2012	02/24/2012	03/03/2012	03/10/2012	03/17/2012	03/24/2012	04/07/2012	04/14/2012	04/21/2012	04/28/2012	05/05/2012	05/12/2012	05/19/2012	05/26/2012	06/02/2012	06/09/2012	06/16/2012	06/23/2012	06/30/2012	07/07/2012	07/14/2012	07/21/2012	07/28/2012	08/04/2012	08/11/2012	08/18/2012	08/25/2012	09/01/2012	09/08/2012	09/15/2012	09/22/2012	09/29/2012	10/06/2012	10/13/2012	10/20/2012	10/27/2012	11/03/2012	11/10/2012	11/17/2012	11/24/2012	12/01/2012	12/08/2012	12/15/2012	12/22/2012	12/29/2012	01/05/2013	01/12/2013	01/19/2013	01/26/2013	02/02/2013	02/09/2013	02/16/2013	02/23/2013	03/01/2013	03/08/2013	03/15/2013	03/22/2013	03/29/2013	04/05/2013	04/12/2013	04/19/2013	04/26/2013	05/03/2013	05/10/2013	05/17/2013	05/24/2013	05/31/2013	06/07/2013	06/14/2013	06/21/2013	06/28/2013	07/05/2013	07/12/2013	07/19/2013	07/26/2013	08/02/2013	08/09/2013	08/16/2013	08/23/2013	08/30/2013	09/06/2013	09/13/2013	09/20/2013	09/27/2013	10/04/2013	10/11/2013	10/18/2013	10/25/2013	11/01/2013	11/08/2013	11/15/2013	11/22/2013	11/29/2013	12/06/2013	12/13/2013	12/20/2013	12/27/2013	01/03/2014	01/10/2014	01/17/2014	01/24/2014	01/31/2014	02/07/2014	02/14/2014	02/21/2014	02/28/2014	03/06/2014	03/13/2014	03/20/2014	03/27/2014	04/03/2014	04/10/2014	04/17/2014	04/24/2014	05/01/2014	05/08/2014	05/15/2014	05/22/2014	05/29/2014	06/05/2014	06/12/2014	06/19/2014	06/26/2014	07/03/2014	07/10/2014	07/17/2014	07/24/2014	07/31/2014	08/07/2014	08/14/2014	08/21/2014	08/28/2014	09/04/2014	09/11/2014	09/18/2014	09/25/2014	10/02/2014	10/09/2014	10/16/2014	10/23/2014	10/30/2014	11/06/2014	11/13/2014	11/20/2014	11/27/2014	12/04/2014	12/11/2014	12/18/2014	12/25/2014	01/01/2015	01/08/2015	01/15/2015	01/22/2015	01/29/2015	02/05/2015	02/12/2015	02/19/2015	02/26/2015	03/05/2015	03/12/2015	03/19/2015	03/26/2015	04/02/2015	04/09/2015	04/16/2015	04/23/2015	04/30/2015	05/07/2015	05/14/2015	05/21/2015	05/28/2015	06/04/2015	06/11/2015	06/18/2015	06/25/2015	07/02/2015	07/09/2015	07/16/2015	07/23/2015	07/30/2015	08/06/2015	08/13/2015	08/20/2015	08/27/2015	09/03/2015	09/10/2015	09/17/2015	09/24/2015	10/01/2015	10/08/2015	10/15/2015	10/22/2015	10/29/2015	11/05/2015	11/12/2015	11/19/2015	11/26/2015	12/03/2015	12/10/2015	12/17/2015	12/24/2015	12/31/2015	01/07/2016	01/14/2016	01/21/2016	01/28/2016	02/04/2016	02/11/2016	02/18/2016	02/25/2016	03/04/2016	03/11/2016	03/18/2016	03/25/2016	04/01/2016	04/08/2016	04/15/2016	04/22/2016	04/29/2016	05/06/2016	05/13/2016	05/20/2016	05/27/2016	06/03/2016	06/10/2016	06/17/2016	06/24/2016	07/01/2016	07/08/2016	07/15/2016	07/22/2016	07/29/2016	08/05/2016	08/12/2016	08/19/2016	08/26/2016	09/02/2016	09/09/2016	09/16/2016	09/23/2016	09/30/2016	10/07/2016	10/14/2016	10/21/2016	10/28/2016	11/04/2016	11/11/2016	11/18/2016	11/25/2016	12/02/2016	12/09/2016	12/16/2016	12/23/2016	12/30/2016	01/06/2017	01/13/2017	01/20/2017	01/27/2017	02/03/2017	02/10/2017	02/17/2017	02/24/2017	03/03/2017	03/10/2017	03/17/2017	03/24/2017	03/31/2017	04/07/2017	04/14/2017	04/21/2017	04/28/2017	05/05/2017	05/12/2017	05/19/2017	05/26/2017	06/02/2017	06/09/2017	06/16/2017	06/23/2017	06/30/2017	07/07/2017	07/14/2017	07/21/2017	07/28/2017	08/04/2017	08/11/2017	08/18/2017	08/25/2017	09/01/2017	09/08/2017	09/15/2017	09/22/2017	09/29/2017	10/06/2017	10/13/2017	10/20/2017	10/27/2017	11/03/2017	11/10/2017	11/17/2017	11/24/2017	12/01/2017	12/08/2017	12/15/2017	12/22/2017	12/29/2017	01/05/2018	01/12/2018	01/19/2018	01/26/2018	02/02/2018	02/09/2018	02/16/2018	02/23/2018	03/02/2018	03/09/2018	03/16/2018	03/23/2018	03/30/2018	04/06/2018	04/13/2018	04/20/2018	04/27/2018	05/04/2018	05/11/2018	05/18/2018	05/25/2018	06/01/2018	06/08/2018	06/15/2018	06/22/2018	06/29/2018	07/06/2018	07/13/2018	07/20/2018	07/27/2018	08/03/2018	08/10/2018	08/17/2018	08/24/2018	08/31/2018	09/07/2018	09/14/2018	09/21/2018	09/28/2018	10/05/2018	10/12/2018	10/19/2018	10/26/2018	11/02/2018	11/09/2018	11/16/2018	11/23/2018	11/30/2018	12/07/2018	12/14/2018	12/21/2018	12/28/2018	01/04/2019	01/11/2019	01/18/2019	01/25/2019	02/01/2019	02/08/2019	02/15/2019	02/22/2019	03/01/2019	03/08/2019	03/15/2019	03/22/2019	03/29/2019	04/05/2019	04/12/2019	04/19/2019	04/26/2019	05/03/2019	05/10/2019	05/17/2019	05/24/2019	05/31/2019	06/07/2019	06/14/2019	06/21/2019	06/28/2019	07/05/2019	07/12/2019	07/19/2019	07/26/2019	08/02/2019	08/09/2019	08/16/2019	08/23/2019	08/30/2019	09/06/2019	09/13/2019	09/20/2019	09/27/2019	10/04/2019	10/11/2019	10/18/2019	10/25/2019	11/01/2019	11/08/2019	11/15/2019	11/22/2019	11/29/2019	12/06/2019	12/13/2019	12/20/2019	12/27/2019	01/03/2020	01/10/2020	01/17/2020	01/24/2020	01/31/2020	02/07/2020	02/14/2020	02/21/2020	02/28/2020	03/06/2020	03/13/2020	03/20/2020	03/27/2020	04/03/2020	04/10/2020	04/17/2020	04/24/2020	05/01/2020	05/08/2020	05/15/2020	05/22/2020	05/29/2020	06/05/2020	06/12/2020	06/19/2020	06/26/2020	07/03/2020	07/10/2020	07/17/2020	07/24/2020	07/31/2020	08/07/2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**First
Environmental
Laboratories, Inc.**

IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

December 12, 2011

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: Marengo - 805247
First Environmental File ID: 11-5424
Date Received: December 05, 2011

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 002687: effective 03/01/2011 through 02/28/2012.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager



Case Narrative

EGSL

Project ID: **Marengo - 805247**

First Environmental File ID: **11-5424**

Date Received: **December 05, 2011**

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-40 (5-7)
Sample No: 11-5424-001

Date Collected: 12/02/11
Time Collected: 8:00
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total				
Analysis Date: 12/05/11				
Method: 2540B				
Total Solids	86.72		%	
Total Metals				
Analysis Date: 12/10/11				
Method: 6010B				
			Preparation Method 3050B	
			Preparation Date: 12/06/11	
Chromium	298	0.1	mg/kg	
Lead	292	0.2	mg/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-41 (5-7)
Sample No: 11-5424-002

Date Collected: 12/02/11
Time Collected: 8:10
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total				
Analysis Date: 12/05/11				
Total Solids	96.68		%	
Total Metals				
Analysis Date: 12/10/11				
Chromium	6.2	0.1	mg/kg	
Lead	19.7	0.2	mg/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-42 (5-7)
Sample No: 11-5424-003

Date Collected: 12/02/11
Time Collected: 8:30
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total Analysis Date: 12/05/11	Method: 2540B			
Total Solids	89.29		%	
Total Metals Analysis Date: 12/10/11	Method: 6010B			
			Preparation Method 3050B Preparation Date: 12/06/11	
Chromium	11.2	0.1	mg/kg	
Lead	20.2	0.2	mg/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-43 (9-10)
Sample No: 11-5424-004

Date Collected: 12/02/11
Time Collected: 8:40
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total Analysis Date: 12/05/11	Method: 2540B			
Total Solids	75.86		%	
Total Metals Analysis Date: 12/10/11	Method: 6010B			
		Preparation Method 3050B		
		Preparation Date: 12/06/11		
Chromium	705	0.1	mg/kg	
Lead	33.0	0.2	mg/kg	



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1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-44 (4-6)
Sample No: 11-5424-005

Date Collected: 12/02/11
Time Collected: 9:00
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total	Method: 2540B			
Analysis Date: 12/05/11				
Total Solids	88.80		%	
Polychlorinated biphenyls (PCBs)	Method: 8082			
Analysis Date: 12/12/11				
			Preparation Method 3540C	
			Preparation Date: 12/07/11	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-45 (4-6)
Sample No: 11-5424-006

Date Collected: 12/02/11
Time Collected: 9:15
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total		Method: 2540B		
Analysis Date: 12/05/11				
Total Solids	94.83		%	
Polychlorinated biphenyls (PCBs)		Method: 8082		
Analysis Date: 12/12/11				
		Preparation Method 3540C		
		Preparation Date: 12/07/11		
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	171	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-46 (4-6)
Sample No: 11-5424-007

Date Collected: 12/02/11
Time Collected: 9:20
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total				
Analysis Date: 12/05/11				
Total Solids	88.67		%	
Polychlorinated biphenyls (PCBs)				
Analysis Date: 12/12/11				
			Preparation Method 3540C	
			Preparation Date: 12/07/11	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-47 (9-10)
Sample No: 11-5424-008

Date Collected: 12/02/11
Time Collected: 9:30
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total				
Analysis Date: 12/05/11				
Total Solids	96.99		%	
Polychlorinated biphenyls (PCBs)				
Analysis Date: 12/12/11				
			Preparation Method 3540C	
			Preparation Date: 12/07/11	
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-48 (5-6)
Sample No: 11-5424-009

Date Collected: 12/02/11
Time Collected: 9:45
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total		Method: 2540B		
Analysis Date: 12/05/11				
Total Solids	83.58		%	
Total Metals		Method: 6010B		
Analysis Date: 12/10/11				
		Preparation Method 3050B		
		Preparation Date: 12/06/11		
Lead	9.6	0.2	mg/kg	
Manganese	233	0.1	mg/kg	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 12/12/11				
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-49 (5-6)
Sample No: 11-5424-010

Date Collected: 12/02/11
Time Collected: 10:00
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total Analysis Date: 12/05/11	Method: 2540B			
Total Solids	83.78		%	
Total Metals Analysis Date: 12/10/11	Method: 6010B			
		Preparation Method 3050B Preparation Date: 12/06/11		
Lead	6.0	0.2	mg/kg	
Manganese	125	0.1	mg/kg	
Volatile Organic Compounds Analysis Date: 12/12/11	Method: 5035A/8260B			
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
Tetrachloroethene	14.7	5.0	ug/kg	
1,1,1-Trichloroethane	6.7	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Marengo - 805247
Sample ID: GP-50 (8-10)
Sample No: 11-5424-011

Date Collected: 12/02/11
Time Collected: 10:15
Date Received: 12/05/11
Date Reported: 12/12/11

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, total		Method: 2540B		
Analysis Date: 12/05/11				
Total Solids	90.02		%	
Total Metals		Method: 6010B		
Analysis Date: 12/10/11				
		Preparation Method 3050B		
		Preparation Date: 12/06/11		
Lead	3.3	0.2	mg/kg	
Manganese	259	0.1	mg/kg	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 12/12/11				
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	28.1	5.0	ug/kg	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.

1600 Shore Road, Suite D
Naperville, IL 60563
Phone: (630)778-1200 * Fax (630)778-1233
E-Mail: info@firstenv.com
IEPA Accreditation #100292

Company Name: Environmental Group Services, Ltd.
Street Address: 557 West Polk Street - Suite 201
City: Chicago State: IL Zip: 60607
Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
Sampled By: Mary Cappellini and Bill Lennon

Project ID: MAREXPO
P.O.#: 605247

Date/Time Taken	Sample Description	Matrix	ANALYTES					Comments	Lab ID.
			CHROMIUM	LEAD	MANGANESE	PCBS	PCF		
12-2 800	6P-40 (5-7)	S	X	X				11-SY24	001
810	6P-41 (5-7)		X	X					002
830	6P-42 (5-7)		X	X					003
840	6P-43 (1-10)		X	X					004
900	6P-44 (4-6)				X				005
915	6P-45 (4-6)				X				006
920	6P-46 (4-6)				X				007
930	6P-47 (1-10)				X				008
945	6P-48 (5-6)			X		X	X		009
1000	6P-49 (5-6)			X		X	X		010
1015	6P-50 (8-10)			X		X	X		011

Enter analyses required on the lines to the left.
Place an "X" in the box below to indicate which samples require what analysis.

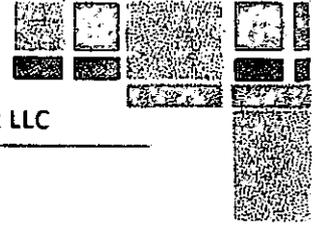
FOR LAB USE ONLY: Cooler Temperature: 0.1-6°C Yes No °C
Refrigerator Temperature: °C
Refrigerator Temperature: °C
Ice Present: Yes No
Containers Received Preserved: Yes No
5038 Vials Frozen: Yes No
Freezer Temperature: _____ °C

Notes and Special Instructions: STANDARD TAT

Relinquished By: A-Z Date/Time: 12-5-11 6:47 AM Received By: [Signature] Date/Time: 12-5-11
Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____
Rev 1/07

Site Investigation Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



APPENDIX H – 2008 IEPA COMMENT LETTER





ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

December 8, 2009

CERTIFIED MAIL

7007 3020 0002 3212 9903

Mary Crandall
Vice President of Property Management
MPR Management Inc.
2340 South River Road, Suite 310
Des Plaines, Illinois 60018

Re: LPC #1110650003 – McHenry County
Marengo – Arnold Magnetic Technologies
300 West LLC
Site Remediation Program/Technical Reports

Dear Ms. Crandall:

The Illinois Environmental Protection Agency (IEPA) has reviewed the *Phase I Environmental Site Assessment* (dated September 30, 2009 and received October 2, 2009/Log 09-42701), prepared by Environmental Group Services, Ltd. (EGSL) for the above remediation site. The report is approved, contingent on the following comments and questions being adequately addressed.

Please note that the IEPA records-keeping system has for years used LPC #1110650003 to refer to the Arnold Magnetic Technologies/Arnold Engineering Company facility in Marengo. The same number was assigned to 300 West LLC, when the site was enrolled into the Site Remediation Program via the DRM-1 Form received in May 2008.

Item 1. Area Enrolled in the Site Remediation Program – The DRM-1 Form indicates an approximate size of 40.0 acres. The Executive Summary and Section 3.3 indicate a parcel of approximately 72 acres in size. A Focused No Further Remediation (NFR) Letter is sought, evidently to the appropriate standards for Residential Properties. *Exactly what portions of the site are desired to be enrolled in the program/included in an eventual NFR Letter?*

Please note that in general the Site Remediation Program is designed to accommodate the determination of risk and redevelopment of sites that have been previously contaminated, but for which the source(s) of contamination have been removed or at least have ceased. An NFR Letter, when issued, serves to document the conditions at a particular point in time. As such, an NFR Letter may be appropriate to address a specific incident – such as contamination in the area of the former Building 6/Pond 6 – or areas where manufacturing/storage operations no longer take place. An NFR Letter could be issued for existing manufacturing/storage areas, though I am unsure of what value this would have if the desire is to redevelop the site for residential use quite a few years in the future. *In any case, it is very likely not going to be possible to get an NFR Letter for areas covered by an operating wastewater treatment system. This includes the activated sludge package plant, the ponds and the percolation field.*

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Collinsville • 2009 Mall Street, Collinsville, IL 62234 • (618) 346-5120

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Champaign • 2125 S. First St., Champaign, IL 61820 • (217) 278-5800

Marion • 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

We can discuss this item in more detail, if you desire. It may be conceivable to sample/address certain areas of the site in the near future and get an NFR Letter or Letters for these areas. However, other areas – most obviously those including components of the wastewater treatment system – would more appropriately be addressed later, after they are no longer in use. (Areas including former wastewater storage ponds/lagoons have successfully received NFR Letters via the Site Remediation Program.)

Item 2. The uses – current and past – of various buildings on the site are briefly described in the Executive Summary and in Section 3.4. These buildings, some of which no longer exist, are consecutively numbered as 1 through 16, with the exceptions that no buildings 13 and 15 are described. Please clarify and provide additional information, as appropriate.

Item 3. Pond 5 - The Executive Summary and Section 3.6 describe to a wastewater treatment system that includes five ponds and a 16-acre diked percolation field. The Water Recycle System Diagram given as Appendix O shows five ponds, with Pond 5 in the southwest portion of the site. However, the site sketch provided as the third map in Appendix A only indicates four ponds. In addition, IEPA Water Pollution Control Operating Permit No. 2006-EO-0690 (copy provided in Appendix K) only includes four ponds. A review of IEPA files appears to indicate that no Pond 5 has existed for quite some time, though a 1990 report by Roux Associates, Inc. includes the following statement, "During normal operation, treated water is discharged from the treatment lagoons to Pond #5 near the southwest corner of the parcel. During times of heavy precipitation, when the infiltration capacity of Pond #5 is exceeded, water is directed to the percolation fields. Please clarify the discrepancies regarding the existence/use of Pond 5. If Pond 5 no longer exists, please state when it was removed.

Item 4. Pond 6 – A review of IEPA files indicates quite a few references to a Pond 6, which was apparently located in the same general area as Building 6. The IEPA Review Notes for the 2006 Water Pollution Control Operating Permit, which are included in Appendix K, indicates that Pond 6 no longer exists. An IEPA inspection report dated January 22, 2008, indicates that operations in Building 6 were discontinued in 1991, and subsequently the building was torn down and the pond was filled in. Please confirm the history of Pond 6, including both its uses and when it was removed.

Item 5. When the Phase II Environmental Site Assessment is developed, maps/drawings should be provided that show details – both inside buildings and outdoors – such as the various manufacturing areas, ASTs, USTs, and storage areas. This information is necessary in assessing the adequacy of sampling that has been and will be performed. It was noted in Section 2.6 of the Report that ESGL was not allowed to take photographs within the interior of any buildings. The IEPA does not have a problem with this per se, as long as ESGL and Agency representatives are allowed access to provide for appropriate sampling and the development of adequate documentation (including drawings) of site conditions.

December 8, 2009
LPC #1110650003 – McHenry County
Marengo – Arnold Magnetic Technologies
Page 3

Item 6. Site Base Map(s) – When the Site Investigation Report is developed a site base map or maps will be needed, consistent with the requirements of Section 740.210a)7) and Section 740.425b)2)D) of the Site Remediation Program regulations. This is related to Item 5, in that sufficient access will need to be allowed to ESGL to allow for the development of adequate map(s).

Item 7. Freedom of Information Act Requests – Section 4.5 includes a summary of FOIA responses from various governmental entities. It is noted that no documents were found by the IEPA Bureau of Land or Bureau of Water. Since I know that both of these Bureaus have had substantial involvement with the site, I looked into this issue. The EGSL requests for information were only for the site “300 West Street” in Marengo, without the name Arnold Magnetic Technologies or Arnold Engineering. Taken literally, it was reported that no documents were found. The address most often used has been 300 North West Street. *Revised FOIA requests should be submitted to IEPA, with references to Arnold. The Bureau of Land Request should include a reference to LPC #1110650003; the Bureau of Water Request should include references to recent Permits issued for the site.*

Item 8. A legal description and PIN numbers for the property will ultimately be needed. In cases where the remediation site boundaries are exactly the same as the legal descriptions, it should be explicitly so stated. In cases where the remediation site boundaries are not exactly the same as the legal descriptions, the remediation site boundaries should be described in detail. (When legal and remediation site descriptions are lengthy, it is beneficial if they can be forwarded in WORD form, via e-mail. This makes it easier to incorporate the descriptions into NFR letters, with less likelihood of errors. If you don’t have them in WORD, but can e-mail them anyway, I may be able to convert them here.)

The IEPA requests a written response to the items just described. Note that two (2) copies are required of all future correspondence regarding the site. All correspondence should be directed to the first address indicated at the top of the first page.

If you have any questions or desire additional information, please contact me at (217) 557-8085. In addition, I would like to be informed at least one week prior to the start of any sampling events planned for the site. If it works into our schedules, either Tom Rivera or I may try to be present for a portion of the sampling.

Sincerely,



Timothy D. Zook
Project Manager
Remedial Project Management Section
Bureau of Land

cc: Bill Lennon
Environmental Group Services, Ltd.
557 West Polk Street, Suite 201
Chicago, Illinois 60607

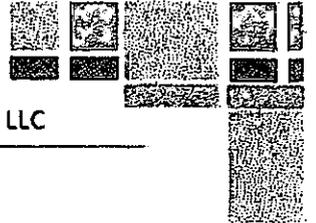
Karen Katamay, IEPA/BOW/DWPC – Des Plaines Region Office

Tom Rivera, IEPA/BOL/DLPC/FOS – Des Plaines Region Office

Division File

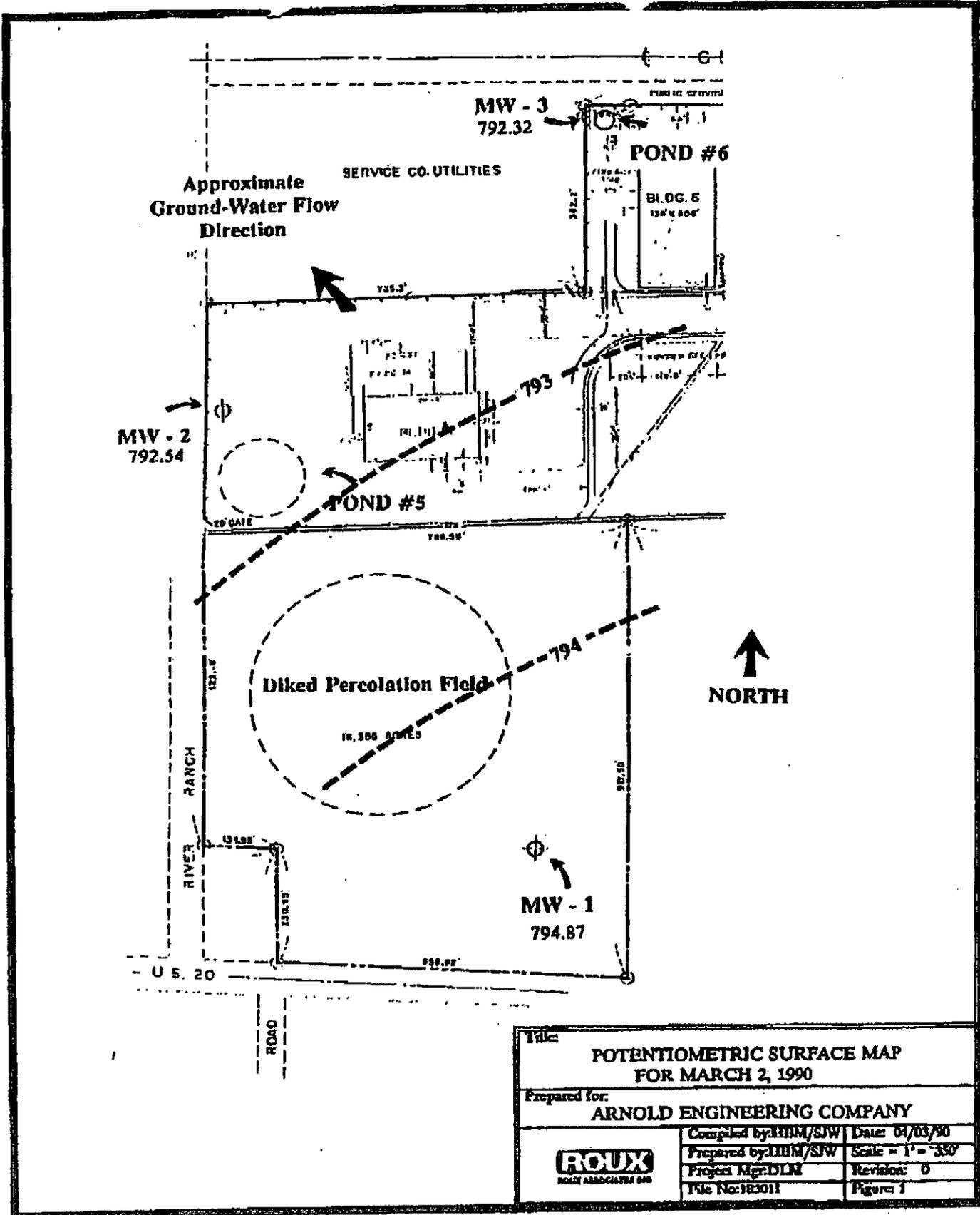
Site Investigation Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



APPENDIX I – POND 5 AND POND 6 LOCATIONS





Site Investigation Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC

APPENDIX J – 2010 IEPA COMMENT LETTER





ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

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James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

September 17, 2010

CERTIFIED MAIL

7008 1830 0001 4715 1833

Mary Crandall
Vice President of Property Management
MPR Management Inc.
2340 South River Road, Suite 310
Des Plaines, Illinois 60018

Re: LPC #1110650003 – McHenry County
Marengo – Arnold Magnetic Technologies
300 West LLC
Site Remediation Program/Technical Reports

Dear Ms. Crandall:

The Illinois Environmental Protection Agency (IEPA) has reviewed the *Phase II Subsurface Investigation Report* (dated July 15, 2010 and received August 12, 2010/Log 10-45604), prepared by Environmental Group Services, Ltd. (EGSL) for the above remediation site. The document provides the results of soil and groundwater sampling performed in May 2010. For the most part, sample results are listed with excursions of Tier 1 SROs shown, without any kind of indication as to what RECS exist or the extent of contamination in the area of the sample(s). IEPA comments are divided into two sections – one regarding the overall site and one related specifically to the issue of groundwater contamination in the northwest portion of the property and the possibility of such contamination extending off-site.

As has been noted previously, the IEPA records-keeping system has for years used LPC #1110650003 to refer to the Arnold Magnetic Technologies/Arnold Engineering Company facility in Marengo. The same number was assigned to 300 West LLC, when the site was enrolled into the Site Remediation Program via the DRM-1 Form received in May 2008.

Comments Regarding Overall Site:

Item 1. Since a Comprehensive No Further Remediation (NFR) Letter is desired for the site, the requirements given in Sections 740.415, 740.420 and 740.425 must be addressed. Please note that, as described in the first paragraph of Section 740.420, all recognized environmental conditions (RECs) and all related contaminants of concern are to be identified. Furthermore, as described in Section 740.425a), the Phase I and Phase II Assessments are to be combined into one Site Investigation Report. The *Phase I Environmental Site Assessment* (dated September 30, 2009 and received October 2, 2009/Log 09-42701), did contain quite a bit of background information – such as when specific buildings were constructed (and sometimes later demolished) and brief narrative descriptions of the general uses of the various buildings. However, this is a large site, with a number

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of relatively large buildings. As such, much more specific information is needed about areas of concern (AOCs) and RECs. The following comment is a repeat of item 5 from my December 8, 2009, Review Letter on the *Phase I Environmental Site Assessment*.

When the Phase II Environmental Site Assessment is developed, maps/drawings should be provided that show details – both inside buildings and outdoors – such as the various manufacturing areas, ASTs, USTs, and storage areas. This information is necessary in assessing the adequacy of sampling that has been and will be performed. It was noted in Section 2.6 of the Report that ESGL was not allowed to take photographs within the interior of any buildings. The IEPA does not have a problem with this per se, as long as ESGL and Agency representatives are allowed access to provide for appropriate sampling and the development of adequate documentation (including drawings) of site conditions.

Item 2. The *Phase I Environmental Site Assessment* includes as Appendix J a Ground Penetrating Radar Survey which was performed in an attempt to identify suspect UST locations. As a result of this survey, two fuel oil USTS were removed in 2007 (reportedly assigned Lust Incident Number 20071279 due to impacted soils) and three USTs were abandoned in place. Was any sampling performed related to the UST issues? If so, please provide details.

Item 3. In discussions with Bill Lennon of EGSL, it was indicated that there are laboratory results from past sampling events. I particularly recall sample results from 2006 being mentioned. Please provide more information on this issue. Historic sample results may be useful – in conjunction with the 2010 sample results – to define potential AOCs and/or RECs.

Item 4. This is mostly a combination of the issues raised in Items 1 through 3. When developing a Comprehensive Site Investigation Report, the consultant should correlate sample locations to the locations of specific manufacturing areas, ASTs, USTs, storage areas, Ground Penetrating Radar Survey anomalies, etc. Many of these areas will presumably be classified as AOCs and/or RECs – and should be clearly identified as such on appropriate maps, drawings and tables. For your information, enclosed are two tables prepared for unrelated projects, which were beneficial for purposes of reviewing what was sampled for and why. Showing the depths at which particular locations were sampled is always useful in summary tables. (The tables listed on pages 2 through 4 of the *Phase II Subsurface Investigation Report* appear to be fine – except that they do not contain a columns or quick references as to why particular borings/sampling locations were chosen.)

Item 5. What is the depth to bedrock on the property?

Item 6. The vast majority of the soil borings described in the *Phase II Subsurface Investigation Report* (boring logs included as Appendix B) were performed to a depth of 10 feet, with the maximum to 15 feet – apparently without bedrock ever being encountered. However, two sets of

nested monitoring wells were installed, each to a maximum depth of approximately 50 feet, and eight other wells were installed, each to approximately 20 feet. Boring/Monitoring Well installation logs should be provided for all wells. These logs may contain information on the depth to bedrock.

Item 7. It has been reported that the ponds associated with the wastewater treatment system are lined. What materials were used to line the ponds? What information exists concerning the current condition(s) of the lining(s)? Please provide details.

Item 8. For your information, attached is a copy of the Site Remediation Program Well Survey Procedures. A detailed map should be developed in accordance with this document, with the precise locations of all wells identified. It has been previously indicated that a number of private wells exist within 1000 feet of the site. In fact, three of the nearby wells were sampled in 2008. However, because of known groundwater contamination within the site boundaries – particularly the VOCs contamination in the extreme northwest portion of the site – a detailed map is necessary. Once such a map is provided, the need for off-site sampling will be reassessed. If the information is known or can be readily determined, the approximate depths of each of the private wells should also be indicated. (At this time it appears that the northwest portion of the site is of the greatest concern for groundwater contamination; however, this may simply be because of the availability of historic groundwater monitoring data related to the wastewater treatment facilities. Per the Well Survey Procedures document, all wells within 1000 feet of the site in all directions should be identified and located.)

Comments Related to Groundwater Contamination in the Northwest Portion of the Property and the Possibility of Off-Site Contamination:

Item 1. I am aware of one off-site monitoring well. In response to a requirement in DWPC Permit No. 2004-EO-0971, in November 2004 a new well, MW-A9, was installed in the railroad right-of-way approximately 300 feet downgradient (north/northwest) of MW-3. Starting in November 2004, MW-A9 was sampled on the same schedule as the other (DWPC-Permitted) monitoring wells, 1/month for 1,1,1-TCA, PCE, TCE, TDS, Nickel and pH. *Monthly sampling was performed from November 2004 through April 2006, with all VOCs results reported as less than laboratory detection limits. Sampling was discontinued after April 2006; I am not aware of any explanation for this.* If MW-A9 still exists, it is recommended that routine 1/month sampling of it be implemented again, for the parameters just listed and 1,1-DCE, on the same schedule as the other long-term monitoring wells listed in the DWPC Permit. It is also recommended that MW-9 be sampled at least once for Target Compound List VOCs (Site Remediation Program Section 740.Appendix A, Table A), SVOCs (Table B), and Inorganics (Table D).

Item 2. In the event that MW-9 no longer exists, it is recommended that a replacement well be installed in approximately the same location – with sampling to be performed as described in Item 1.

September 17, 2010
LPC #1110650003 – McHenry County
Marengo – Arnold Magnetic Technologies
Page 4

Item 3. It is recommended that 1,1-DCE be added to the lists of VOCs sampled 1/month at the DWPC-Permitted monitoring wells.

Item 4. The locations of the DWPC Permitted monitoring wells should be shown relative to the private wells identified per the Well Survey Procedures.

Item 5. The VOCs (1,1,1-TCA, 1,1-DCE, PCE and TCE) identified in concentrations above the Class 1 GROs, in historic DWPC-Permitted monitoring wells and/or the May 2010 EGCL sampling, are all substantially heavier than water, with specific gravities varying from approximately 1.2 to 1.6. As indicated in the *Phase II Subsurface Investigation Report*, contamination in the form of excursions of Class I GROs has been reported at various elevations in the nested monitoring wells in the extreme northwest corner of the property, with excursions as deep as 40 to 50 feet. It may be beneficial to install nested wells near the MW-A9 location, for use in attempting to identify and quantify off-site contamination. Please discuss.

As a final comment, please be aware that a response has not yet been received for the December 8, 2009, IEPA review letter, regarding the *Phase I Environmental Site Assessment*. In the process of preparing a Comprehensive Site Investigation Report, the items in that letter should be addressed.

The IEPA requests a written response to the items just described. Note that two (2) copies are required of all future correspondence regarding the site. All correspondence should be directed to the first address indicated at the top of the first page.

If you have any questions or desire additional information, please contact me at (217) 557-8085. As has been stated in the past, I would like to be informed at least one week prior to the start of any sampling events planned for the site.

Sincerely,



Timothy D. Zook
Project Manager
Remedial Project Management Section
Bureau of Land

Enclosures (3)

cc: Bill Lennon
Environmental Group Services, Ltd.
557 West Polk Street, Suite 201
Chicago, Illinois 60607
Karen Katamay, IEPA/BOW/DWPC – Des Plaines
Tom Rivera, IEPA/BOL/DLPC/FOS – Des Plaines
Division File

TABLE 2

Soil Sampling Summary
The Penray Companies, Inc.
Wheeling, Illinois

Enclosure #1
Soil Sampling
Summary Example

Area	Location	Boring Number	Sample Depth(s) in feet bgs	Analytical Parameters
1993/1998 Soil Remediation Area	Outside SE corner of building	GP-1	8-10	VOCs
		GP-2	12-14	VOCs
		SB-11	0.5-2	VOCs
Former Drum Storage Area	Outside, northwest of building	GP-5	4-6	VOCs
Receiving Dock	NE corner of building	SB-32	2.5, 6	VOCs, SVOCs, metals, PCBs, pesticides, TPH
Shipping Dock	SW corner of building	SB-30	2, 6	VOCs, SVOCs, metals, PCBs, pesticides, TPH
Blending Room	Interior west side of building	SB-5	0.5-1, 8-9	VOCs
		SB-5A	8	VOCs, SVOCs, metals, PCBs, pesticides, TPH
		SB-5B	15	VOCs
Wash Room	Interior central portion of building	SB-6/6A	0.5-1, 3, 4-5, 9	VOCs, SVOCs, metals, PCBs, pesticides, TPH
Filling Room	North section of building	SB-7	1.5-3	VOCs
Near Filling Room	South of Filling Room	SB-23	1-3, 8-10	VOCs
		SB-24/24A	1-3, 9	VOCs, SVOCs, metals, PCBs, pesticides, TPH
	North of Filling Room	SB-14	3-4	VOCs
		SB-15	6-8, 10-12	VOCs
		SB-16	3-4	VOCs
	East of Filling Room	SB-31	3, 7	VOCs
		SB-12/12A	2.5, 3-4, 9	VOCs, SVOCs, metals, PCBs, pesticides, TPH
		SB-13	3-4	VOCs
SB-27	0-5	TOD		
Tetrachloroethene ASTs	West of Filling Room	SB-8	0.5-2	VOCs
Fill Port	Outside west wall of building	GP-4	2-4	VOCs
		SB-8/8A	0.5-2, 6, 8-10	VOCs, SVOCs, metals, PCBs, pesticides, TPH
		SB-8B	13	VOCs
		SB-17	0.5-2, 10-12	VOCs
		SB-18	no samples	VOCs
		SB-20	0.5-2, 8-10	VOCs
		SB-28	1-3.5, 6-7.5	TOD
Near Fill Port	South of Fill Port	SB-21	0.5-2	VOCs
		SB-26	0.5-2, 8-8	VOCs
	North of Fill Port	SB-22	0.5-2	VOCs
		SB-25	1-3, 5-8	VOCs
	West of Fill Port	GP-3	0.5-2, 6-8, 12-14	VOCs
		SB-19	0.5-2, 6-8	VOCs
		SB-29	3	VOCs
Background	Northeast	SB-3	4-5, 6-7	VOCs
		SB-10	0.5-2, 8-10	VOCs
	Northwest	SB-1/1A	1-3, 2, 7	VOCs, SVOCs, metals, PCBs, pesticides, TPH, loc
	Southwest	SB-2	1-3, 8-10	VOCs
	Southeast	SB-4/4A	1-3, 5-6	VOCs, SVOCs, metals, PCBs, pesticides, TPH

Notes:

- bgs = below ground surface
- foc = fraction of organic carbon
- SVOCs = semivolatile organic compounds
- TOD = total oxygen demand
- TPH = total petroleum hydrocarbons
- VOCs = volatile organic compounds

Table 2
Environ Identified Areas of Concern

5401 West 65th Street
Bedford Park, IL
Project No. 08-0405

Enclosure #2
Soil Sampling
Summary Example

Location	Description of Area of Concern	Borings	Sampling Parameters
E-1	Building N-100; paint thinning and mixing, drum storage	None	NA
E-2	Suspect Vent Pipe on outside wall of Building M	GP-2	Soil - VOC, SVOC, Total Metals GW - VOC
E-3	Former UST #4 (15,000 gallon heating oil)	None	
E-4	Outside transformer yards (north and south yards)	GP-4	VOC, SVOC, PCB
E-5	Budget Rent-a-Car; two 500 gallon ASTs	None	
E-6	Former Drum Storage Area	GP-6	VOC, SVOC, Total Metals, PCB
E-7	Former Propane AST area	None	
E-8	Budget Rent-a-Car 12,000 gallon gasoline UST area	GP-8	VOC, SVOC
E-9	Former Combustion By-Products Co. Area	GP-9	VOC, SVOC, Total Metals
E-10	Former Reade Manufacturing Co. (weed killer)	GP-10, GP-43, GP-44	Soil - VOC, SVOC, Total Metals, PCB, Pesticides, Herbicides GW - VOC, SVOCs, Metals
E-11	Former Coal Pit storage area for old boiler room	GP-11	VOC, SVOC, Total Metals
E-12	Former Incinerator	None	
E-13	Former drum storage pad	GP-13	VOC, SVOC, Total Metals, PCB
E-14	Former drum storage pad	GP-14	VOC, SVOC, Total Metals, PCB
E-15	Former UST #2 (10,000 gallon diesel fuel)	None	
E-16	Former UST #9 (6,000 gallon gasoline)	GP-16	Soil - VOC, SVOC, Total Metals GW - VOC, SVOCs, Metals
E-17	Former UST #5 and #5a (two 1,500 gallon kerosene USTs)	None	
E-18	UST #1 (120 gallon gasoline UST)	GP-18	Soil - VOC, SVOC GW - VOC, SVOCs, Metals
E-19	Former UST #3 (280 gallon alcohol UST)	None	
E-20	Suspect UST #7 and UST #8 (two 1,000 gallon gasoline)	None	
E-21	UST #6 2,500 gallon Naphtha abandoned in place	None	
E-22	Former suspect debris pile	GP-22	VOC, SVOC, Total Metals, PCB
E-23	Former suspect debris pile	GP-23	VOC, SVOC, Total Metals, PCB
E-24	Former chemical storage	GP-24A	VOC, SVOC, Total Metals, PCB
E-25	Former drummed product storage area	GP-25	VOC, SVOC, Total Metals
E-26	Former drummed product storage area	None	
E-27	Former satellite waste accumulation area	GP-27	VOC, SVOC, Total Metals, PCB
E-28	Former satellite waste accumulation area	GP-28	VOC, SVOC, Total Metals, PCB
E-29	Former naphtha storage shed	GP-29	VOC, SVOC
E-30	Former "spongy soil" area	GP-30	Soil - VOC, SVOC, Total Metals, PCB, Pesticides, Herbicides
E-31	Former PCB Electrical capacitor storage shed	GP-31	VOC, SVOC, Total Metals, PCB
E-32	Former flammable storage room	GP-32	VOC, SVOC
E-33	Former Cole Oil Manufacturer	None	
E-34	Former Lake Shore Oil/Former Superior Graphite factory	None	
E-35	Former Central Brake Shoe and Foundry Company, Former American Brake Shoe and Former Barton Chemical Co.	None	
E-36	Former Continental Can Company	None	
E-37	Former Continental Can Company	None	
E-38	Belt Railway of Chicago	None	
E-39	Suspect Large White AST	GP-39	VOC, SVOC, Total Metals
		GP-40	VOC, SVOC, Total Metals
		GP-41	VOC, SVOC, Total Metals
		GP-42	VOC, SVOC, Total Metals
		GP-45	VOC, SVOC, PCB, Pest/Herb

Site Remediation Program ("SRP") Well Survey Procedures

The remediation site shall be identified by the Remediation Applicant ("RA") as that property, or portion of a property, where a No Further Remediation ("NFR") letter is requested.

The site investigation report shall include a map identifying all on-site and off-site injection and withdrawal wells (pursuant to 35 Illinois Administrative Code ("35 IAC") Part 740.425(b)(2)(D)(ii) and 740.435(b)(2)(C)(ii)) within at least 1,000 feet of the remediation site in accordance with 35 IAC 740.210(a)(7). **Pursuant to 35 IAC Part 1600.210, all community water supply wells shall be identified within 2,500 feet of the property and all setback zones and regulated recharge areas shall be identified on the property.** This information shall be collected by the consultant, by contacting all of the following sources:

Illinois State Geological Survey;
Illinois State Water Survey;
Illinois EPA Division of Public Water Supply;
Illinois Department of Public Health;
County and Municipal Health Departments; and
Local water supply entity (i.e., public water districts, public water supply companies).

The consultant may obtain the information through appropriate web sites, written inquiry or by telephone to identify potential water wells within the distances identified above. The consultant, shall submit a map with the locations of all on-site and off-site injection and withdrawal wells within at least 1,000 feet of the remediation site (no less than one inch equals 200 feet), **all community water supply wells within 2,500 feet of the remediation site and identify all setback zones and regulated recharge areas located on the remediation site. One or more tables shall also be submitted listing all applicable setback zones and regulated recharge areas for each community water supply well and other potable water supply wells. A narrative should accompany the information identifying each entity contacted to identify the potable water supply wells and protected areas, the name and title of each person contacted at each entity, and field observations, if any, associated with the identification and location of potable water supply wells. The information shall be certified by stating all of the above sources have been contacted.**

If the site investigation or remediation objectives report identifies that contamination has migrated off the remediation site or is predicted to travel off the remediation site, the consultant, shall provide a map identifying all the on-site and off-site injection and withdrawal wells within 1,000 feet and **all community water supply wells within 2,500 feet of the most downgradient point of contamination. All setback zones and regulated recharge areas should also**

be identified within the most downgradient point of contamination. This information shall be collected by the consultant, by contacting all of the following sources:

Illinois State Geological Survey;
Illinois State Water Survey;
Illinois EPA Division of Public Water Supply;
Illinois Department of Public Health;
County and Municipal Health Departments; and
Local water supply entity (i.e., public water districts, public water supply companies).

In addition to the above sources, a physical well survey may be required to positively identify any water wells. This physical survey will include, at a minimum, the placement of written information at properties within the measured or modeled distance of the groundwater plume.

The consultant shall submit a map with the locations of all on-site and off-site injection and withdrawal wells within at least 1,000 feet of the most downgradient point of contamination (no less than one inch equals 200 feet), **all community water supply wells within 2,500 feet of the most downgradient point of contamination and the location of all setback zones and regulated recharge areas within the most downgradient point of contamination. One or more tables shall also be submitted listing all applicable setback zones and regulated recharge areas for each community water supply well and other potable water supply wells. A narrative should accompany the information identifying each entity contacted to identify the potable water supply wells and protected areas, the name and title of each person contacted at each entity, and field observations, if any, associated with the identification and location of potable water supply wells. The information shall be certified by stating all of the above sources have been contacted.**

The Source Water Assessment and Protection Program (SWAPP) data base can be accessed through the Illinois EPA website under public water supply.

NOTE: If contamination at a remediation site cannot be modeled due to geology constraints (i.e., bedrock), the information requested above shall be collected at a distance to be determined by the Illinois EPA on a site-by-site basis.

APPENDIX K – EGSL 2013 RIGHT TO KNOW REPORT

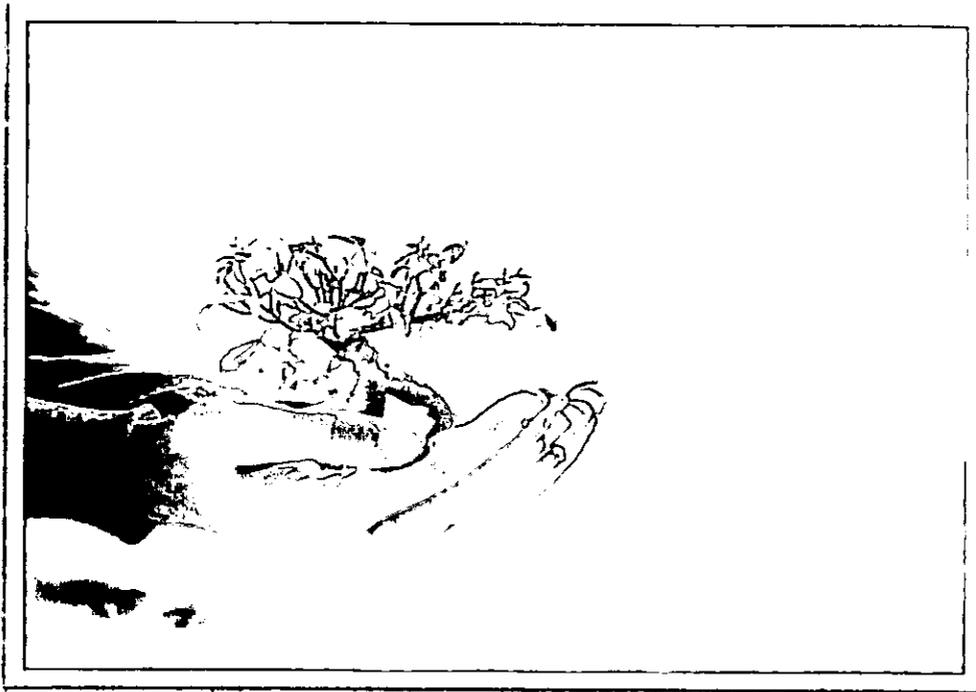




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Right-to-Know Response Report

LPC # 1110650003 – McHenry County
Marengo – Arnold Magnetic Technologies
300 West LLC
Site Remediation Program/Technical Reports



Prepared for: Mr. Dean Studer <i>Illinois Environmental Protection Agency</i> 1021 North Grand Avenue East Springfield, Illinois 62794	Prepared by: Bill Lennon <i>Project Manager</i> January 15, 2013
---	--



SUBJECT PROPERTY

300 West LLC
300 West Street
Marengo, Illinois 60152

Prepared For

Illinois Environmental Protection Agency
Site Remediation Program/Tim Zook, Project Manager
1021 North Grand Avenue East
Springfield, Illinois 62702

Prepared By

ENVIRONMENTAL GROUP SERVICES, LTD.
557 WEST POLK STREET, SUITE 201
CHICAGO, ILLINOIS 60607

On Behalf of

Ms. Mary Crandall
MPR Management Inc.
2340 South River Road – Suite 310
Des Plaines, Illinois 60018

January 15, 2013

EGSL Project Number: 805247



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ATTACHMENT A – IEPA CORRESPONDENCE LETTER

ATTACHMENT B – GROUNDWATER ELEVATION SURVEY

ATTACHMENT C – GROUNDWATER FLOW DIRECTION MAP

ATTACHMENT D – ROUX ASSOCIATES GROUNDWATER REPORT

ATTACHMENT E – HYDRAULIC CONDUCTIVITY INPUT DATA AND RESULTS

ATTACHMENT F – TIER 2 CALCULATION INPUT DATA AND RESULTS

ATTACHMENT G – VOC (PCE) PLUME DIAGRAM

ATTACHMENT H – INORGANIC (MANGANESE) PLUME DIAGRAM

ATTACHEMENT I – NORTH/NORTHWESTERLY PRIVATE WELL ADDRESSES

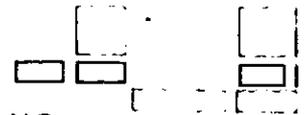
ATTACHMENT J – DRAFT REQUEST LETTER

ATTACHMENT K – PRIVATE RESPONSE LETTERS

ATTACHMENT L – OFF-SITE SAMPLING ANALYTICAL (JUNE-2008)

ATTACHMENT M – OFF-SITE ANALYTICAL (MARCH-2011)

ATTACHMENT N – PRIVATE WELL SEARCH RESULTS



1. EXECUTIVE SUMMARY

This report is in response to the IEPA' Office of Community Relations correspondence letter (Letter), dated November 20, 2012. The purpose of this report is to address the six comments (Comments) identified in the Letter (complete Letter can be found in Attachment A).

2. SUPPLEMENTAL INFORMATION

The purpose of this section is to provide supplemental information needed in order to address portions of the Comments. This includes an on-site groundwater monitoring well elevation survey, groundwater flow direction modeling, hydraulic gradient determination, and hydraulic conductivity calculations. This information was necessary in order to perform Tier 2 modeling of subsurface groundwater impactation.

2.1 Groundwater Monitoring Well Elevation Survey

EGSL conducted a well elevation survey in order to determine the site-specific direction of groundwater flow. After a benchmark location was chosen, the height of the measuring tool was recorded as to serve as a reference height for the monitoring wells. The tops of the well risers and tops of the protective casings were then measured and recorded. Water level measurements were collected from all of the on-site wells using an electronic water level indicator and recorded in field logs. The water level indicator was decontaminated between monitoring wells with distilled water and an Alconox solution.

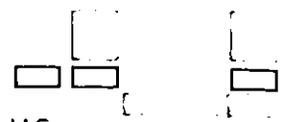
Elevation Survey can be found in Attachment B.

2.2 Groundwater Flow Direction

Due to the size of the Subject Property, and the relatively large number of on-site groundwater monitoring wells installed by EGSL (18 total on-site wells), site-specific groundwater flow direction calculations were conducted in two separate areas. These areas were chosen due to the relatively elevated concentrations of chemicals of concern in the groundwater. Groundwater flow direction was obtained by locating an arbitrary location (point D) that had the same water-level elevation as the well with the mid-water elevation. To find point D, the 3-point mathematical proportional method was utilized:

Let x = the distance from the low water elevation to point D.

$$\frac{\text{Elevation (mid point – low point)}}{\text{Elevation (high point – low point)}} = \frac{x}{\text{distance (low point to high point)}}$$



The first area consisted of monitoring wells MW-9, MW-10, and MW-11. This area is located north of the percolation field (aka Pond #5):

$$\frac{90.83 \text{ feet (MW-9)} - 88.16 \text{ feet (MW-10)}}{92.20 \text{ feet (MW-11)} - 88.16 \text{ feet (MW-10)}} = \frac{x}{474 \text{ feet}}$$

$x = 313.26 \text{ feet} = \text{Point D}$

The second area consisted of monitoring wells MW-1*, MW-12, and MW-13. This area is located to the north and northwest of the pond systems, historical Building #6, and historical Pond #6. *Please note that MW-1 is part of a nested well system with MW-2, MW-3, and MW-4. All four wells contained a groundwater elevation that was +/- 0.04 feet of each other; as such the average elevation of 84.43 feet was utilized.

$$\frac{95.91 \text{ feet (MW-12)} - 84.43 \text{ feet (MW-1*)}}{103.57 \text{ feet (MW-13)} - 84.43 \text{ feet (MW-1*)}} = \frac{x}{711 \text{ feet}}$$

$x = 426.0 \text{ feet} = \text{Point D}$

After plotting Point D for both surveyed areas, the groundwater flow direction was determined to be to the northwest (see Attachment C for Groundwater Flow Direction Map). Please note that this coincides with the information historical documentation of groundwater flow direction, as determined in the Monitoring Well Network Installation and Groundwater Flow Assessment, prepared by *Roux Associates, Inc.*, dated May 17, 1990. A complete copy of this report can be found in Attachment D.

2.3 Hydraulic Gradient

Hydraulic gradient was recalculated by determining the difference in elevations of the groundwater levels between two wells, and dividing that number by the distance between the two wells in the direction of groundwater flow. EGSL selected five sets of wells located throughout the entire Subject Property in order to obtain a site-specific average hydraulic gradient. After determining the gradient for each of the five selected areas, the site-specific average was calculated.

$$\frac{\text{MW-11 and MW-1}}{92.20 \text{ ft} - 84.45 \text{ ft}} = 0.0190$$

408.2 ft

$$\frac{\text{MW-11 and MW-10}}{92.20 \text{ ft} - 88.16 \text{ ft}} = 0.0085$$

474.2 ft



$$\frac{\text{MW-9 and MW-10}}{90.83 \text{ ft} - 88.16 \text{ ft}} = 0.0112$$

239.2 ft

$$\frac{\text{MW-13 and MW-1}}{103.57 \text{ ft} - 84.45 \text{ ft}} = 0.0269$$

711.1 ft

$$\frac{\text{MW-12 and MW-1}}{95.91 \text{ ft} - 84.45 \text{ ft}} = 0.0506$$

226.3 ft

Average Gradient = 0.02324 ft/ft

2.4 Hydraulic Conductivity Testing

EGSL conducted in-situ hydraulic conductivity tests at four of the monitoring wells (MW-10, MW-13, MW-14, and MW-16). Due to the relatively instant recharge of the on-site wells, hydraulic conductivity testing was conducted by utilizing a *Midwest Geosciences Group* Pneumatic Hi-K Slug™ system in coordination with an *In-Situ Inc.* Level Troll 700 Instrument®. The data collected was input into the Aqtesolv® Hydraulic Conductivity program.

The site-specific hydraulic conductivity results were as follows:

MW-10: 0.001611 ft/sec
 MW-13: 0.001740 ft/sec
 MW-14: 0.001608 ft/sec
 MW-16: 0.001966 ft/sec

The average of the above = 0.001731 ft/sec = 5.276 E-02 cm/sec.

See Appendix E for Field Data and Aqtesolv® Results.

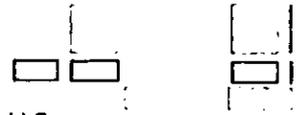
2.5 Summary of Detected Groundwater Impaction

As documented in EGSL's Site Investigation Report, dated March 27, 2012, the following table identifies all concentrations of chemicals of concern that were detected above IEPA Tier 1 Remediation Objectives for Class I Groundwater (maximum concentrations highlighted):

Groundwater				
Chemical	Monitoring Well Number	Concentration Detected (mg/L)	Remediation Objective (mg/L)	Exposure Route
INORGANIC				
Aluminum	MW-3	8.1	3.5	Class I Groundwater
	MW-4	4.8		

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



Chemical	Monitoring Well Number	Concentration Detected (mg/L)	Remediation Objective (mg/L)	Exposure Route
	MW-8	35		
	MW-9	30		
	MW-10	12		
	MW-11	7.2		
	MW-12	23		
	MW-13	44		
	MW-15	6.9		
	MW-16	5.3		
Antimony	MW-2	0.0069	0.0060	Class I Groundwater
	MW-8	0.0085		
Arsenic	MW-8	0.28	0.05	Class I Groundwater
Barium	MW-3	2.7	2.0	Class I Groundwater
	MW-8	2.4		
Chromium	MW-8	0.12	0.1	Class I Groundwater
	MW-13	0.16		
Iron	MW-2	11	5.0	Class I Groundwater
	MW-3	29		
	MW-4	26		
	MW-7	18		
	MW-8	360		
	MW-9	120		
	MW-10	41		
	MW-11	11		
	MW-12	39		
	MW-13	110		
	MW-15	13		
	MW-16	11		
	MW-21	31		
Lead	MW-2	0.016	0.0075	Class I Groundwater
	MW-3	0.073		
	MW-4	0.036		
	MW-6	0.0085		
	MW-8	0.13		
	MW-9	0.17		
	MW-10	0.11		
	MW-11	0.014		
	MW-12	0.041		
	MW-13	0.099		
	MW-15	0.013		
	MW-16	0.0085		
	MW-21	0.025		

Chemical	Monitoring Well Number	Concentration Detected (mg/L)	Remediation Objective (mg/L)	Exposure Route
Manganese	MW-1	0.27	0.15	Class I Groundwater
	MW-2	0.5		
	MW-3	1.2		
	MW-4	0.75		
	MW-5	0.24		
	MW-6	0.26		
	MW-7	2		
	MW-8	31		
	MW-9	6.3		
	MW-10	2.8		
	MW-11	0.62		
	MW-12	2.5		
	MW-13	2.3		
	MW-14	0.19		
MW-15	0.63			
MW-16	0.58			
MW-17	0.21			
MW-18	0.24			
MW-19	0.39			
MW-21	0.92			
MW-23	0.34			
Nickel	MW-8	0.32	0.1	Class I Groundwater
	MW-9	0.83		
	MW-13	0.13		
	MW-15	0.36		
Thallium	MW-8	0.0062	0.002	Class I Groundwater
Vanadium	MW-8	0.27	0.049	Class I Groundwater
	MW-9	0.12		
	MW-12	0.055		
	MW-13	0.13		
SVOC				
Bis(2-ethylhexyl)phthalate	MW-1	0.011	0.006	Class I Groundwater
VOC				
1,1,1-Trichloroethane	MW-4	0.3	0.2	Class I Groundwater
1,1-Dichloroethene	MW-1	0.017	0.007	Class I Groundwater
	MW-2	0.044		
	MW-4	0.036		
	MW-5	0.013		
	MW-6	0.012		
	MW-7	0.031		
	MW-13	0.012		
	MW-17	0.010		
MW-19	0.016			
Tetrachloroethene	MW-4	0.014	0.005	Class I Groundwater
	MW-7	0.12		
	MW-8	0.01		
	MW-19	0.0092		
Trichloroethene	MW-6	0.01	0.005	Class I Groundwater
	MW-7	0.0078		

Chemical	Monitoring Well Number	Concentration Detected (mg/L)	Remediation Objective (mg/L)	Exposure Route
Vinyl Chloride	MW-18	0.0025	0.002	Class I Groundwater

2.6 Tier 2 Analysis for GCGIR Class I Exceedances

R26

$$C(x) =$$

$$C_{source} \cdot \exp\left[\left(\frac{X}{2\alpha_x}\right) \cdot \left(1 - \sqrt{1 + \frac{4\lambda \cdot \alpha_x}{U}}\right)\right] \cdot \operatorname{erf}\left[\frac{S_w}{4 \cdot \sqrt{\alpha_y \cdot X}}\right] \cdot \operatorname{erf}\left[\frac{S_d}{2 \cdot \sqrt{\alpha_z \cdot X}}\right]$$

Tier 2 R26 analysis was conducted in order to determine the horizontal extent of Tier 1 GCGIR exceedances identified in Section 2.5. Site-specific parameters for each negatively impacted monitoring well location, in order to represent the most stringent ROs, were determined as follows:

General Site Specific Input Data:

- Soil Type: Sand (2) – as determined from site-specific soil borings.
- Class of Groundwater: Class I – as determined from on-site hydraulic conductivity tests.
- Remediation Objective Comparison Values: Residential (1)
- Hydraulic Gradient (i): 0.02324 ft/ft
- Hydraulic Conductivity (k): 5.276 E-02 cm/sec
- Thickness of Aquifer (da): 15 ft – as determined from saturated well depth.
- Source Depth (Sd): 80 ft (as determined from “clean” water samples from MW-22).
- Source Width (Sw): 50 ft (as determined from maximum delineation of adjacent borings).

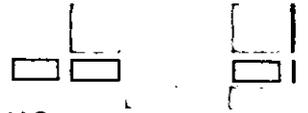
All VOC detections above IEPA Tier 1 Remediation Objectives were modeled. The highest concentrations of Inorganics for each individual chemical were modeled.

R-26 analysis determined that, under the most stringent circumstances, potential groundwater migration distances of the above-referenced COCs traveled the following distances from their source locations before they reached their groundwater ROs:

Chemical	Monitoring Well	Screen Depth (ft)	Concentration Detected (mg/L)	Distance to Compliance (ft)	Distance to Compliance (ft)
INORGANICS					
Aluminum	MW-13	10-20	44	21800	715
Antimony	MW-8	10-20	0.0085	2800	92
Arsenic	MW-8	10-20	0.28	12350	405
Barium	MW-3	20-30	2.7	2600	85
Chromium	MW-13	10-20	0.16	3300	108
Iron	MW-8	10-20	360	56800	1864
Lead	MW-9	10-20	0.17	30700	1008
Manganese	MW-8	10-20	31	97500	3200
Nickel	MW-9	10-20	0.83	16700	550

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Chemical	Monitoring Well	Screen Depth (feet)	Concentration Detected (mg/L)	Distance to Compliance (feet)	Distance to Compliance (feet)
Thallium	MW-8	10-20	0.0062	7000	230
Vanadium	MW-8	10-20	0.27	12150	399
VOCs					
1,1,1-Trichloroethane	MW-4	10-20	0.3	2950	97
1,1-Dichloroethylene	MW-1	40-50	0.017	4900	161
	MW-2	30-40	0.044	11450	375
	MW-4	10-20	0.036	9800	321
	MW-5	40-50	0.013	3650	120
	MW-6	30-40	0.012	3450	113
	MW-7	20-30	0.031	8650	284
	MW-13	10-20	0.012	3350	110
	MW-17	60-70	0.010	2650	87
Tetrachloroethene	MW-4	10-20	0.014	6150	202
	MW-7	20-30	0.12	30500	1000
	MW-8	10-20	0.01	4250	140
	MW-19*	30-40	0.0092	3850	126
Trichloroethene	MW-6	30-40	0.01	4300	141
	MW-7	20-30	0.0078	3150	103
Vinyl Chloride	MW-18*	40-50	0.0025	2300	75

*Indicates an off-site well

See Attachment F for Tier 2 GCGIR Analysis.

2.7 GCGIR Class I Plume Diagrams

VOCs: The maximum plume (in the direction of groundwater flow) of VOCs has been diagrammed. It should be noted that the Tetrachloroethene (PCE) exceedance at MW-7, which traveled 1,000 feet before reaching compliance, encompassed all other VOC plumes; as such, only PCE is modeled on the diagram.

See Attachment G for VOC (PCE) Plume Diagram.

Inorganics: The maximum plume (in the direction of groundwater flow) of Inorganics has been diagrammed. It should be noted that the Manganese exceedance at MW-8, which traveled 3,200 feet before reaching compliance, encompassed all other Inorganic plumes; as such, only Manganese is modeled on the diagram.

See Attachment H for Inorganic (Manganese) Plume Diagram.



Agency ID: 170000116265

Media File Type: LAND

Bureau ID: 1110650003

Site Name: Arnold Magnetic Technologies

Site Address1: 300 N West St

Site Address2:

Site City: Marengo

State: IL

Zip: 60152-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Redaction

Exempt Doc #: 19

Document Date: 11/18/2013

Staff: EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 9

Category ID: 31A

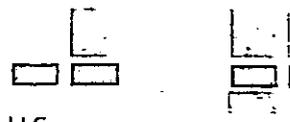
Category Description: SITE REMEDIATION - TECHNICAL

Exempt Type: Redaction

Permit ID:

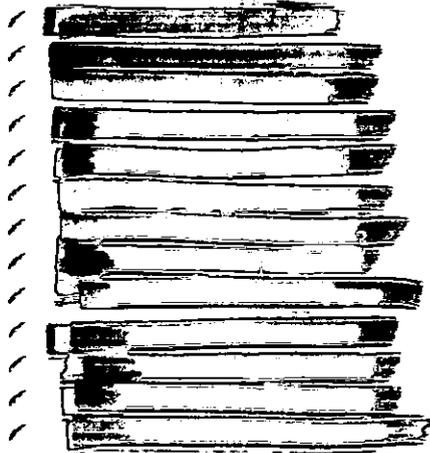
Date of Determination:

12/2 /2013



3. OFF-SITE PROPERTIES WITHIN THE MODELED PLUMES AND HISTORICAL OFF-SITE SAMPLING

EGSL has determined that the following addresses are within the modeled plumes:



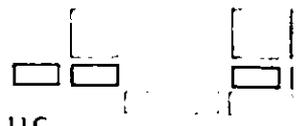
It should be noted that EGSL and Tom Rivera from the IEPA Bureau of Land contacted all owners of the north and northwesterly private wells in May of 2008. The complete list can be found in Attachment I. All listed entities were sent a letter (Attachment J) by Tom Rivera on behalf of IEPA and EGSL requesting permission to sample their private well water. Of the 20 letters sent out, 5 were returned by the USPS due to incorrect and/or invalid addresses. Of the 15 remaining letters that were delivered, only three entities responded, as follows (responses can be found in Attachment K):



All three wells were sampled by IEPA and EGSL on June 19, 2008. Groundwater samples were submitted for analysis of VOCs; all results came back non-detect (see Attachment L for email from Tom Rivera and analytical results).

Subsequent to the above-referenced sampling activities, EGSL installed a nested well system within the northerly easement of the Railroad Street right-of-way. Due to the presence of negatively impacted groundwater within the nested well system, EGSL personally contacted the residential dwellings directly adjacent to the well system, as follows:





All owners gave permission to EGSL to sample their private wells. On March 31, 2011, each well was sampled and submitted for analysis of VOCs. According to laboratory results, all samples came back non-detect for VOCs (see Attachment M for analytical results).

Finally, EGSL has performed a search of the ISGS database pertaining to off-site private wells within ¼ mile of the Subject Property (see Attachment N). Upon review of this report, the pertinent wells will be investigated further in conjunction with the direction of the IEPA Right-to-Know Committee, IEPA Bureau of Land/Site Remediation Program, and IEPA Bureau of Water.

4. SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

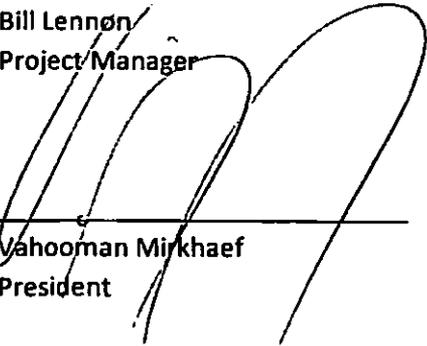
This report pertains to the property located at 300 West Street, Marengo, Illinois. Our professional services have been performed using the degree of care and skill ordinarily exercised under similar circumstances by environmental professionals practicing in this field. The representations made in this report are accurate and true to the best knowledge of the undersigned.

Sincerely,

ENVIRONMENTAL GROUP SERVICES, LIMITED



Bill Lennon
Project Manager



Vahooman Mirkhaef
President

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC

ATTACHMENT A – IEPA CORRESPONDENCE LETTER



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 • (312) 814-6026

PATRICK J. QUINN, GOVERNOR

JOHN J. KIM, INTERIM DIRECTOR

November 20, 2012

Michael D. Kaser, Chief Financial Officer
Arnold Engineering Corporation
300 North West Street
Marengo, IL 60152

Re: 1110650003 – McHenry County
Marengo/Arnold Magnetic Technologies
Information Demand Letter
File Code 02A

Certified Mail Return Receipt Requested

Dear Mr. Kaser:

Pursuant to Section 25d-2 of the Illinois Environmental Protection Act (Act), 415 ILCS 5/25d-2, the Illinois EPA is required to evaluate releases of contaminants whenever it determines that the extent of soil, soil gas, or groundwater contamination may extend beyond the boundary of the site where the release occurred. The Illinois EPA has performed a contaminant evaluation for the Arnold Magnetic Technologies site located at 300 North West Street in Marengo regarding groundwater contamination.

Based on the information contained in the *Phase I Environmental Site Assessment*, dated September 30, 2009, the *Phase II Subsurface Investigation Report* dated July 15, 2010, and the *Site Investigation Report* dated March 27, 2012, the Illinois EPA has determined that groundwater contamination beyond the boundary of the Arnold Magnetic Technologies poses a threat of exposure to the public above the appropriate Tier 1 remediation objectives and the Class I groundwater quality standards and that notice to the owners of the nearby properties must be given pursuant to Section 25d-3 of the Act, 415 ILCS 5/25d-3. The groundwater contamination consists of volatile organic compounds (VOCs) including tetrachloroethylene, vinyl chloride, 1,1-dichloroethylene as well as the metals iron, lead and manganese.

The Illinois EPA is requesting that the following information be provided to us pursuant to Section 25d-4 of the Act, 415 ILCS 5/25d-4 within 30 calendar days of receipt of this letter:

1. The direction of groundwater flow in the area of the site and surrounding private wells as established by a formal determination of hydraulic gradient;
2. A comprehensive door-to-door private well survey within 1500 feet of the site;
3. A report of which private wells' 200-foot setback zones would be anticipated to be in contact with the site-related plume of chlorinated solvents;
4. The highest historical concentrations on-site of the above-named VOC and other groundwater contaminants;
5. A detailed map of the site, including monitoring well locations and the on-site area of VOC contamination, and which clearly shows proximity to area residences and businesses; and

ROCKFORD – 4302 N. Main St., Rockford, 61103 • (815) 987-7760

ELGIN – 595 S. State, Elgin, 60123 • (847) 608-3131

BUREAU OF LAND – PEORIA – 7620 N. University St., Peoria, 61614 • (309) 693-5462

COLLINSVILLE – 2009 Main St., Collinsville, 62234 • (618) 346-5120

DES PLAINES – 9511 W. Harrison St., Des Plaines, 60016 • (847) 294-4000

PEORIA – 5415 N. University St., Peoria, 61614 • (309) 693-5463

CHAMPAIGN – 2125 S. First Street, Champaign, 61820 • (217) 278-5800

MARION – 2309 W. Main St., Suite 116, Marion, IL 62959 • (618) 993-7200

6. Sampling of private wells within 1500 feet of the site in the direction of groundwater flow from the area of contamination (ostensibly former building #6 and pond #6) in consultation with the Illinois EPA Project Manager, Tim Zook.

The request above may include information that has already been collected by any entity hired by you or working on your behalf regarding this site. If the requested information is contained in a documents previously submitted to the Agency, please indicate the name of the document and the specific page or pages where the information may be found in the document.

The information should be submitted to me at:

Dean Studer, Office of Community Relations
Illinois EPA
1021 North Grand Avenue East, mail code #5
P.O. Box 19276
Springfield, Illinois 62794-9276

Once this information is received, the Illinois EPA will review this information to confirm that notice is required pursuant to the Act. Upon such confirmation, the Illinois EPA may contact you to provide an opportunity for you to provide the required notice. In the event that this information should demonstrate that notification is not required under the Act, the Illinois EPA will notify you of this determination.

Please be aware that any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony, 415 ILCS 5/44(h).

Should you have questions regarding the notification or Right-to-Know processes, or if you would like to discuss the information request, please contact me at (217) 558-8280. Questions regarding the technical nature of the site can be directed to Tim Zook, Project Manager, at 217/557-8085.

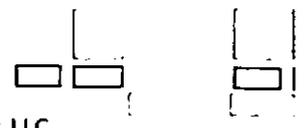
Sincerely,



Dean Studer
Hearing Officer and Right-to-Know Coordinator
Office of Community Relations

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT B – GROUNDWATER ELEVATION SURVEY

Site Elevation Survey

10/6/2010

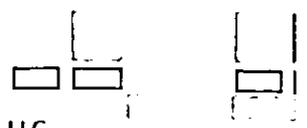
300 West LLC
300 West Street
Marengo, Illinois



BM	BME	HI	HIIE	GWMW	FSGS	FSTR	GSEL	TREL	WLTR	WLGS	AG
(Bench Mark)	(Bench Mark Elevation)	(Height of Instrument)	(Height of Instrument at Relative Elevation)	Groundwater Monitoring Well ID	(Foresight Ground Surface)	(Foresight Top of Riser)	(Ground Surface Elevation)	(Top of Riser Elevation)	(Water Level From Top of Riser)	(Water Level From Ground Surface)	(Actual Groundwater)
NW corner of the far western building	100.00	1.28	101.28	MW-9	4.88	5.14	96.40	96.14	5.31	5.57	90.83
NW corner of the far western building	100.00	1.28	101.28	MW-10	8.77	9.08	92.51	92.20	4.04	4.35	86.16
NW corner of the far western building	100.00	1.28	101.28	MW-11	3.62	3.9	97.66	97.38	5.18	5.46	92.20
NW corner of the far western building	100.00	10.79	110.79	MW-2	13.25	13.5	97.54	97.29	12.88	13.13	84.41
NW corner of the far western building	100.00	10.79	110.79	MW-1	12.90	13.2	97.89	97.59	13.14	13.44	84.45
NW corner of the far western building	100.00	10.79	110.79	MW-3	12.82	13.02	97.97	97.77	13.33	13.53	84.44
NW corner of the far western building	100.00	10.79	110.79	MW-4	12.60	12.84	98.19	97.95	13.53	13.77	84.42
NW corner of the far western building	100.00	10.79	110.79	MW-5	10.79	11.12	100.00	99.67	15.66	15.99	84.01
NW corner of the far western building	100.00	10.79	110.79	MW-6	11.00	11.42	99.79	99.37	15.31	15.73	84.06
NW corner of the far western building	100.00	10.79	110.79	MW-7	10.92	11.26	99.87	99.53	15.48	15.82	84.05
NW corner of the far western building	100.00	10.79	110.79	MW-8	10.65	11	100.14	99.79	15.75	16.10	84.04
NW corner of the far western building	100.00	10.79	110.79	MW-12	8.30	8.68	102.49	102.11	6.20	6.58	95.91
Metal pole in the center of the property	109.95	4.35	114.30	MW-13	5.22	5.42	109.08	108.88	5.31	5.51	103.57
Metal pole in the center of the property	109.95	4.35	114.30	MW-14	4.22	4.5	110.08	109.80	4.04	4.32	105.76
Metal pole in the center of the property	109.95	2.30	112.25	MW-15	3.49	3.6	108.76	108.65	5.18	5.29	103.47
Metal pole in the center of the property	109.95	2.30	112.25	MW-16	4.19	4.46	108.06	107.79	6.91	7.18	100.88

Right-to-Know Response Report

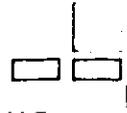
LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT C – GROUNDWATER FLOW DIRECTION MAP

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT D – ROUX ASSOCIATES GROUNDWATER REPORT

**MONITORING WELL NETWORK
INSTALLATION AND
GROUND-WATER FLOW ASSESSMENT**

**AT THE
ARNOLD ENGINEERING COMPANY
Marengo, Illinois**

May 17, 1990

Prepared for:

**Arnold Engineering Company
300 N. West Street
Marengo, Illinois**

Prepared by:

**ROUX ASSOCIATES, INC.
2301 West 22nd Street
Oak Brook, IL 60521**

APPENDICES

- A. SOIL BORING LOGS AND WELL CONSTRUCTION SCHEMATICS**
- B. GROUND-WATER FLOW MAPS**

1.0 EXECUTIVE SUMMARY

This report summarizes the methods and results of activities undertaken by Roux Associates, Inc. to establish a ground-water monitoring network at the Arnold Engineering magnet manufacturing facility in Marengo, Illinois. The work was conducted to satisfy a wastewater treatment plant permit requirement to install a ground water monitoring network to assess potential impacts the facility may have had on local ground-water quality. Activities which were undertaken during this project are summarized below:

- A background review was conducted to estimate the probable ground-water flow direction at the site.
- Three stainless steel ground-water monitoring wells were installed in selected areas of the site.
- The horizontal and vertical coordinates of the well casings were established and referenced to a United States Geologic Survey datum.
- Weekly ground-water elevation measurements were taken in all wells for a five-week period from March 2, 1990 to March 27, 1990.
- The ground-water elevation data was reduced and used to generate potentiometric surface maps from which ground-water flow directions were interpreted.

Based on the above activities, Roux Associates conclude that, during the study period, ground water at the facility was flowing in generally a north-northwesterly direction.

This conclusion was previously provided to Arnold Engineering in a letter dated April 9, 1990. Roux Associates understands that Arnold Engineering has negotiated an exemption

2

from the permit requirement of three downgradient wells, and that the Illinois Environmental Protection Agency (IEPA) will accept the current well configuration.

2.0 INTRODUCTION

The Arnold Engineering Company owns and operates a wastewater treatment facility at its magnet manufacturing plant in Marengo, Illinois. The wastewater treatment facility consists of a series of four settling ponds with a capacity of three-million gallons, two overflow ponds, a ten acre diked percolation field and an extended aeration activated sludge treatment plant. Wastewater influent sampling conducted at the facility during August, 1989 indicated that trace amounts of 1,1,1-trichloroethane, methanol, acetone and methylethyl ketone were present in grab samples.

Arnold Engineering received a renewal of their wastewater facility operation permit from the Illinois Environmental Protection Agency (IEPA) in October, 1989. A number of special requirements were cited as conditions of renewal of Water Pollution Control Permit number 1989-EO-3870. One of the special conditions was a requirement to install a network of ground-water monitoring wells around the treatment facility to assess potential impacts the facility may have had on local ground-water quality.

Roux Associates Inc., was retained by the Arnold Engineering Company in February, 1990

to install the monitoring well network in accordance with the specifications outlined in the water pollution control permit.

Salient requirements for the monitoring well network specified in IEPA Water Pollution Control Permit number 1989-EO-3870 are outlined below:

- At least one monitoring well must be located hydraulically upgradient of the percolation sites. The purpose of this well is to collect representative samples of ground water not affected by percolation areas.
- At least three monitoring wells located hydraulically downgradient of the percolation sites. Locations and depths of wells must be chosen in a manner such that representative samples of ground water most likely to be contaminated will be collected.
- Monitoring wells must be at least two inches in diameter and cased with a material which will not react with the samples. The well screen must be packed with sand or gravel and the annular space sealed to prevent infiltration. Well riser pipe must be protected and secured.

This report describes the methods and results of Roux Associates Inc. activities to install the monitoring network.

3.0 SITE DESCRIPTION

The Arnold Engineering Company magnet manufacturing facility is located on approximately 80 acres in the northwest quarter of Section 35, Township 44 north, Range 5 east of the Third Principal Meridian in southwestern Mc Henry County, Illinois (Figure 1). The plant manufactures magnets for a wide range of industrial uses.

3.1 Facility Description

The facility is bounded to the east by residential property in the City of Marengo, to the north and west by open farm fields and residences and to the south by U.S. Highway 20 and commercial property. The Chicago and Northwestern railroad runs along the northern boundary and at the northwest portion of the parcel. A Commonwealth Edison electrical substation lies adjacent to the facility.

The wastewater treatment facility is located between the Arnox Building and manufacturing buildings on the north side of the property (Figure 2). During normal operation, treated water is discharged from the treatment lagoons to Pond #5 near the southwest corner of the parcel. During times of heavy precipitation, when the infiltration capacity of Pond #5 is exceeded, water is directed to the percolation fields.

3.2 Geology and Hydrogeology

The Arnold Engineering property is located on the Kishwaukee River lowland (Figure 3). The river lies approximately one mile north of the plant and flows west in this reach with an average gradient of five feet per mile. A small intermittent tributary to the Kishwaukee River is located one-half mile northeast of the plant. Slopes on the property are slight.

Geologic maps and reports available for the area indicate that glacial drift in excess of fifty

5

feet thick overlie dolomites of the Silurian System. A generalized geologic column for the vicinity is provided in Figure 4. Two distinct glacial till members exist on the property. The Henry Formation which is a thick, permeable and unconsolidated deposit of well sorted sand and gravel is present on the western third of the property and the remainder of the site is underlain by a uniform sandy-loam till of the Wedron Formation, except for a small area of made land in the area surrounding the Arnox Building.

At the outset of the study, it was anticipated that the water table would be encountered at a depth of fifteen to twenty feet below the surface and the general direction of ground-water flow would be slightly west of north. The predicted direction of ground-water flow is based on the assumption that the Kishwaukee River, located one-mile to the north, is the primary discharge area for shallow ground water.

4.0 FIELD ACTIVITIES

Roux Associates subcontracted with Fox Drilling, Inc. of Itasca, Illinois to provide soil boring and monitoring well installation services. All drilling and well installation activities were supervised by a Roux geologist. Geologic and monitoring well construction logs were prepared using data collected in the field during drilling operations, these logs are provided in the Appendices.

4.1 Well Installation

Installation of the three monitoring wells began on February 21, 1990 and was completed the following day. The wells were constructed of two-inch diameter stainless steel casing and eleven foot lengths of stainless steel slotted screen. Each borehole was advanced using a truck-mounted rotary drill rig equipped with 3-3/4" inside diameter hollow-stem augers. Each boring was advanced to a depth approximately four feet below the water table. Figure 5 depicts the locations of the ground-water monitoring wells. These locations were chosen based upon the predicted direction of ground-water flow determined from the review of published geologic information.

The specific location of monitoring well MW-3 was dictated by the presence of thirty-thousand kilovolt overhead power lines along the properties north side and a shed on the east side of the pond. These two factors necessitated that the pond be approached from the west with the drill rig. Permission to access the location from the substation property was obtained from Commonwealth Edison.

During well drilling, split spoon samples were retrieved at five foot intervals at each borehole. The samples were visually examined by a Roux Associates geologist and scanned with an Hnu photoionization detector for possible volatile organic compounds (VOCs.) No contamination was detected in any of the samples and all samples and cuttings were discarded on site. An eleven-foot long well screen was set six-inches above the bottom of the borehole. After decontamination with a steam cleaner. Washed filter sand was packed

around the well screen to a depth of two-feet above the screen. A two-foot thick bentonite plug was then placed above the filter sand and hydrated using distilled water. The remainder of the annular space was backfilled with cuttings and capped with a cement grout. A locking protective casing was placed over the wellhead in a concrete pad and secured with a padlock. All well materials were steam-cleaned and rinsed with distilled water prior to installation.

4.2 Well Development

Each of the monitoring wells were developed by purging using a one-quarter gallon bottom-fill teflon bailer. The wells were bailed until the water was free of sediment. The bailer was cleaned between wells using a non-phosphate soap and triple-rinsed with distilled water.

5.0 RESULTS OF GROUND-WATER FLOW INVESTIGATION

Upon completion of the well installation phase, Roux Associates Inc. subcontracted with Heritage Engineering Company of Rockford, Illinois to provide surveying services at the site. The top of each wellhead was established to the nearest one-hundredth foot using U.S. Geological Survey (U.S.G.S.) datum. The wells were also located on a survey plat of the property.

Depth to water table measurements were taken once a week for five successive weeks using

an electronic water-level indicator. This data was reduced to produce water table elevations with respect to U.S.G.S. datum. A summary of water-table elevation data is provided in Table 1.

A ground-water flow map was prepared for each week that water level measurements were taken, and these maps can be found in Appendix B. The data and maps indicate that during the five-week study period the ground-water flow direction was toward the north-northwest for every week but the week of March 15, 1990. During this week, the ground-water flow direction was toward the north. It should be noted that excessive rainfall occurred in the area prior to the time the March 15, 1990 measurements were taken and it is possible that levels had not yet equilibrated after heavy rains. Measurements taken during successive weeks show that flow had returned to a northwesterly direction.

6.0 CONCLUSIONS

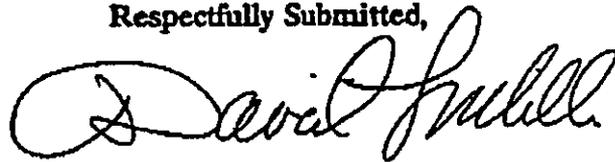
Arnold Engineering Company was required to establish a monitoring well network around the perimeter of a wastewater treatment facility in Marengo as a condition of wastewater permit 1989-EO-3870. Roux Associates was retained by Arnold Engineering to install the monitoring well network according to permit requirements.

Based upon the geologic information available and a visual investigation of the site prior to the installation of monitoring wells, the general ground-water flow direction was predicted to be in a northwesterly direction. Monitoring well locations and depths were chosen based

on the preliminary information and constructed to facilitate their use as sampling wells to collect both floating and sinking constituents. During a five-week investigation, water levels in the wells were observed and recorded. A series of ground-water flow maps were prepared from the data which indicates that the hydrogeologic conditions predicted from preliminary information were encountered, except for a possibly anomalous reading taken after a series of heavy rains in the area. Monitoring well MW-1 serves as the upgradient well and wells MW-2 and MW-3 serve as downgradient wells. MW-2 and MW-3 are downgradient of the percolation field and overflow ponds.

If the north-northwest ground-water flow direction is stable with time, the current monitoring network should produce representative ground-water samples from areas upgradient and downgradient of the diked percolation field and overflow ponds. We understand that NET Midwest personnel will conduct the required sampling of the wells.

Respectfully Submitted,



David L. Miller
Principal Hydrogeologist



Steven J. Wanner
Project Geologist

TABLES

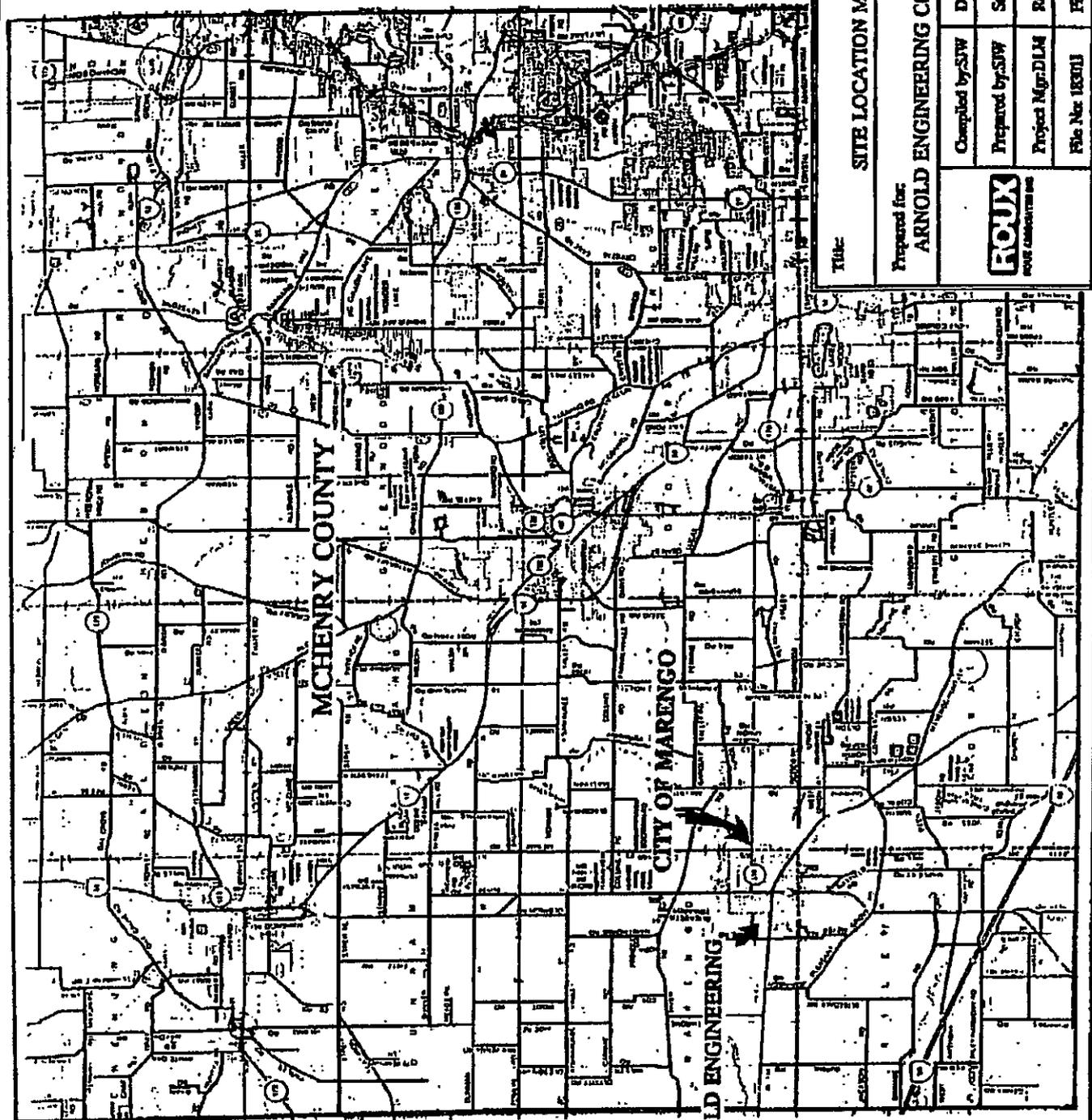
FIGURES

APPENDICES

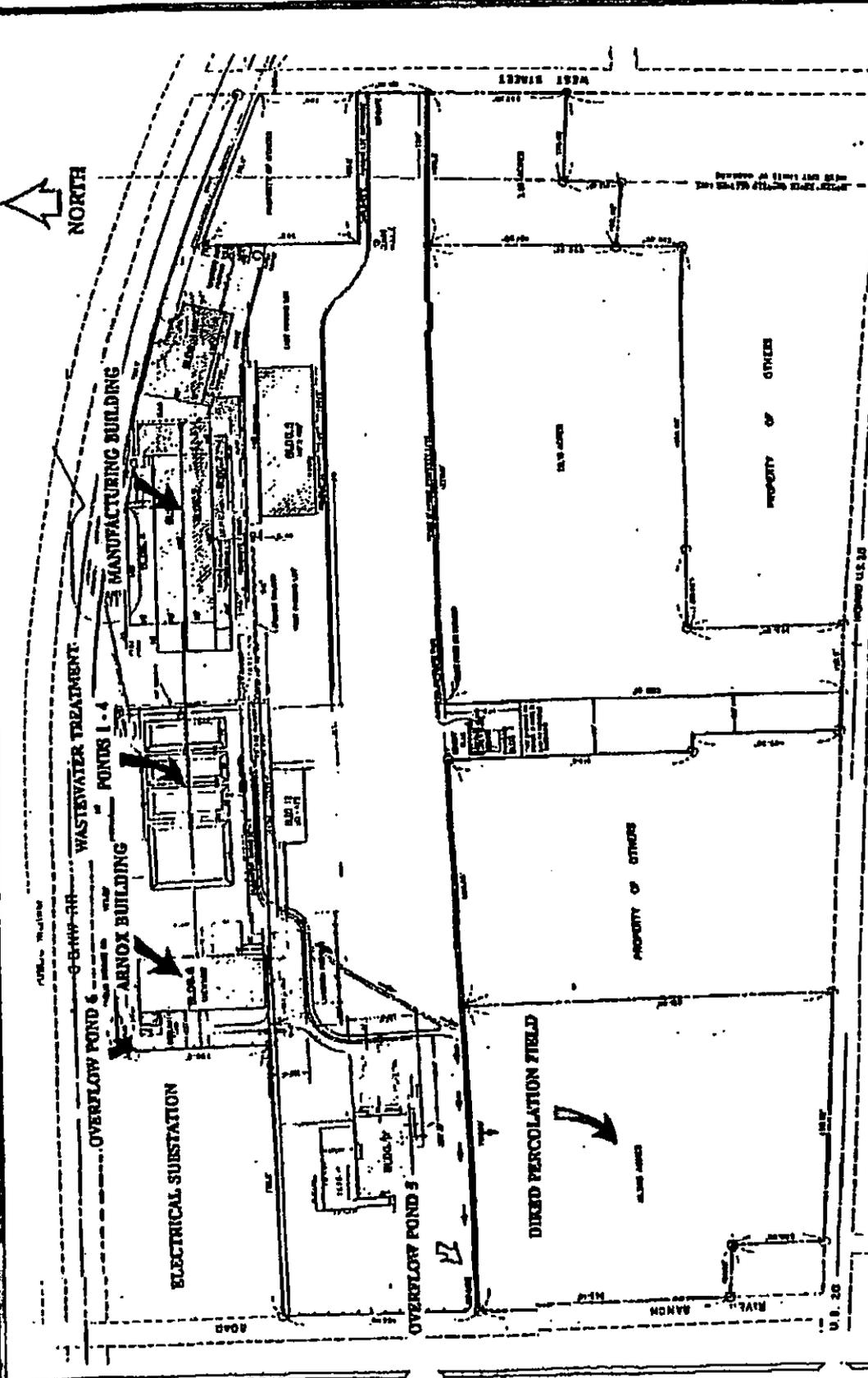
TABLE 1
SUMMARY OF GROUND-WATER ELEVATION DATA
ARNOLD ENGINEERING MONITORING NETWORK
MARENGO, ILLINOIS

Monitoring Point	Top of Casing Elevation ⁽¹⁾	Depth to Ground Water (feet below top of casing)				Ground Water Elevation (feet above mean sea level)					
		3/2/90	3/7/90	3/15/90	3/22/90	3/27/90	3/2/90	3/7/90	3/15/90	3/22/90	3/27/90
MW-1	812.42	17.44	17.55	15.13	13.87	14.78	794.87	794.87	797.29	798.58	797.64
MW-2	809.60	17.06	17.09	13.58	14.48	15.53	792.54	792.51	796.02	795.12	794.09
MW-3	810.43	18.11	18.24	17.06	16.57	16.57	792.32	792.19	793.37	793.86	793.86

⁽¹⁾ Elevations Referenced to Mean Sea Level Datum

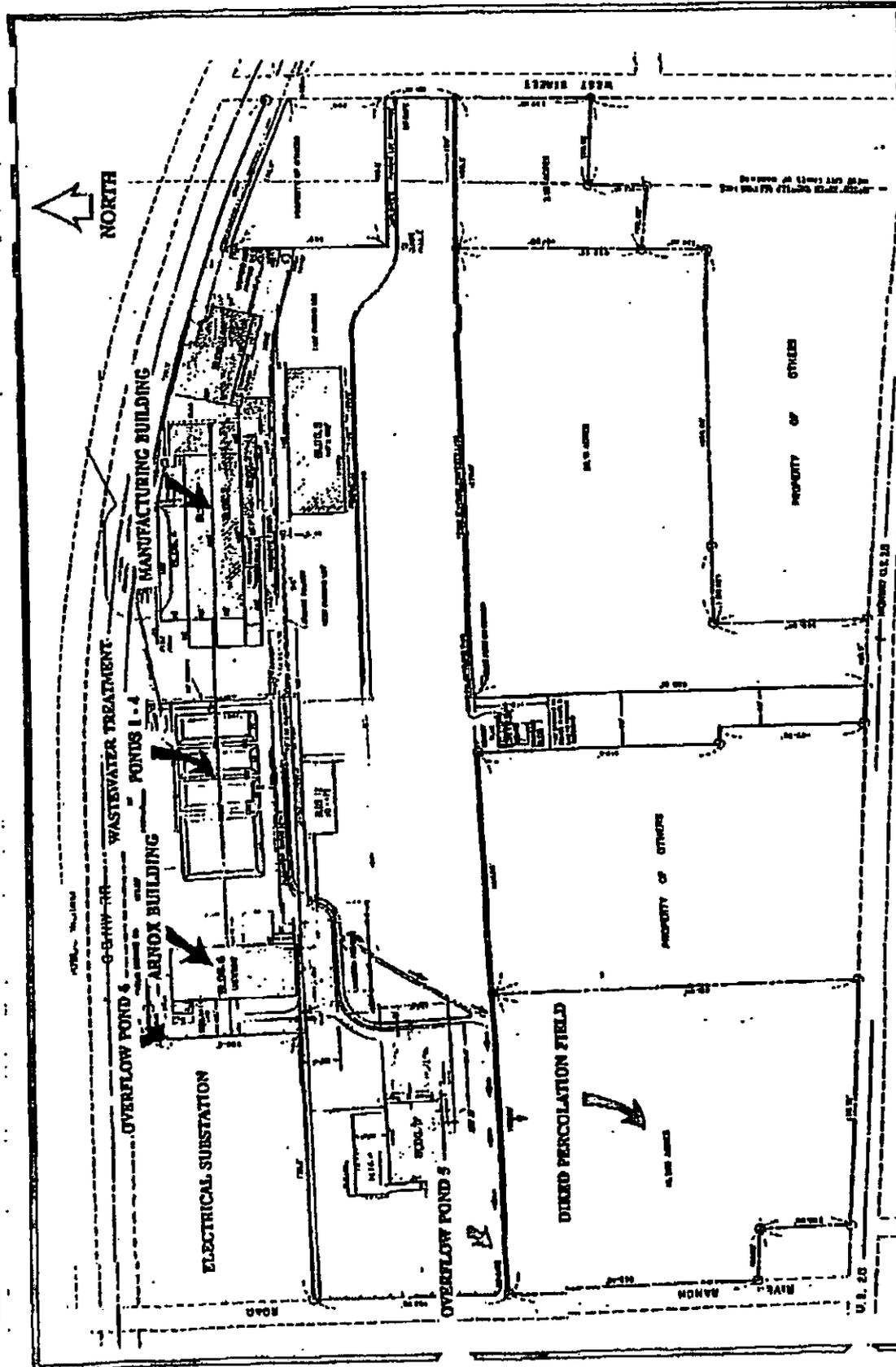


TITLE: SITE LOCATION MAP			
Prepared for: ARNOLD ENGINEERING COMPANY			
Compiled by: SJW	Date: 04/10/90	Scale: as shown	Revisions: 0
Prepared by: SJW	Project Mgr: DLM	File No: 18301	Figure: 1
FOUX ENGINEERING INC.			



MAP OF ARNOLD ENGINEERING FACILITY - MARENGO, ILLINOIS	
Prepared for:	ARNOLD ENGINEERING COMPANY
Compiled by: SJW	Date: 07/10/90
Prepared by: SJW	Scale: as shown
Project Manager:	J. M. GARDNER
File No: 10001	Figure: 2





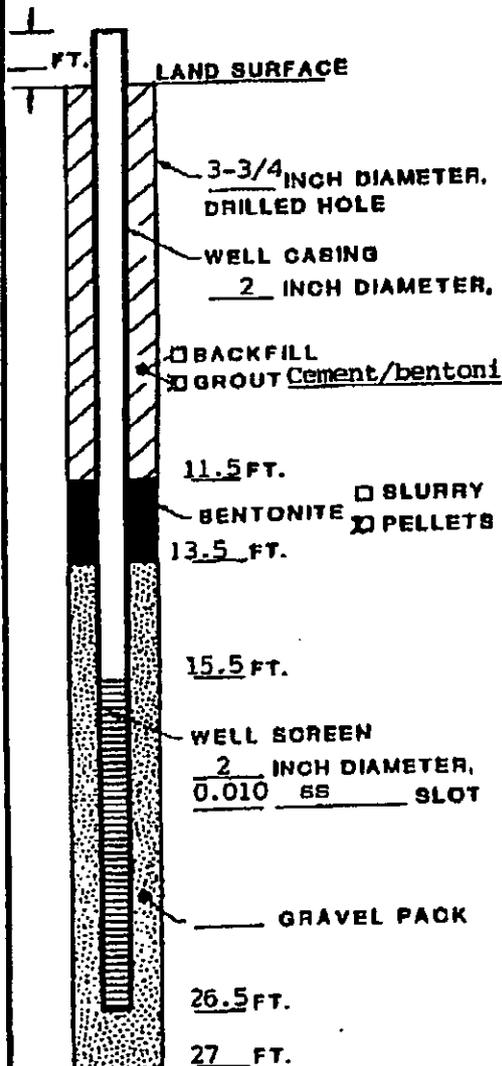
MAP OF ARNOLD ENGINEERING FACILITY - MARENCO, ILLINOIS	
Prepared by:	ARNOLD ENGINEERING COMPANY
Compiled by: SWW	Date: 04/18/86
Prepared by: SWW	Scale: as shown
Project: MARENCO	Reference: 0
File No.: 153011	Figure: 2

APPENDIX A
SOIL BORING LOGS AND
WELL CONSTRUCTION SCHEMATICS

ROUX

Consulting Ground-Water Geologists
ROUX ASSOCIATES INC

**MONITORING WELL
CONSTRUCTION LOG**



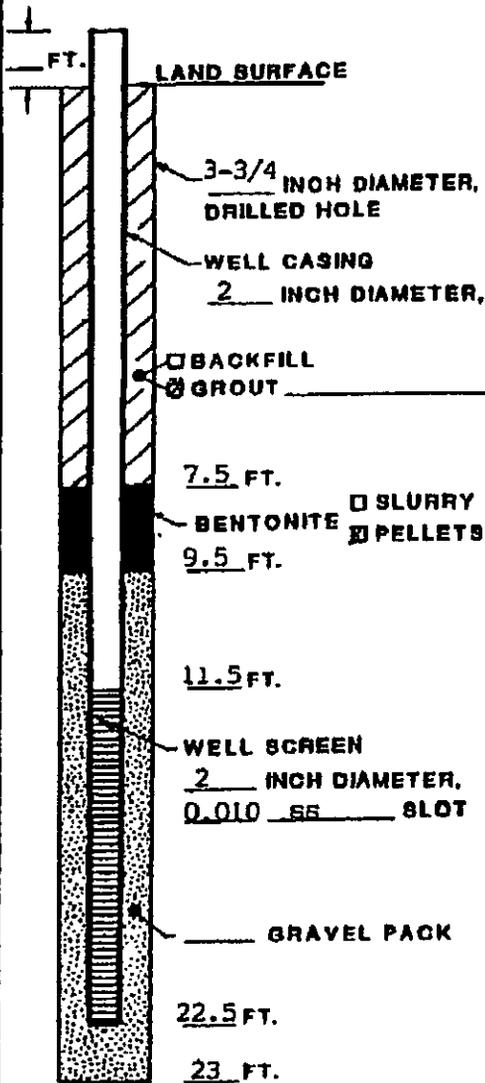
NOTE:
ALL DEPTHS IN FEET
BELOW LAND SURFACE

PROJECT NAME Arnold Engineering NUMBER 18301I
 WELL NO. MW-1 PERMIT NO. N/A
 TOWN/CITY Marengo
 COUNTY McHenry STATE Illinois
 LAND-SURFACE ELEVATION AND DATUM 810 FEET SURVEYED ESTIMATED
 INSTALLATION DATE(S) February 21, 1990
 DRILLING METHOD Hollow-stem auger
 DRILLING CONTRACTOR Fox Drilling - Itasca, Illinois
 DRILLING FLUID None
 DEVELOPMENT TECHNIQUE(S) AND DATE(S)
Developed by purging with a teflon bailer, 02/22/90
 FLUID LOSS DURING DRILLING N/A GALLONS
 WATER REMOVED DURING DEVELOPMENT 10 GALLONS
 STATIC DEPTH TO WATER 17.5 FEET BELOW M.P.
 PUMPING DEPTH TO WATER N/A FEET BELOW M.P.
 PUMPING DURATION N/A HOURS
 YIELD N/A GPM N/A DATE N/A
 SPECIFIC CAPACITY N/A GPM/FT.
 WELL PURPOSE Monitoring well downgradient of a percolation field.
 REMARKS Stainless steel well screen and riser.
Well was surveyed on March 15, 1990 by Heritage Engineering of Rockford, Il. Top of casing elevation (T/C) is 812.42 feet above mean sea level.
 HYDROGEOLOGIST Steven Warner



Consulting Ground-Water Geologists
ROUX ASSOCIATES INC

MONITORING WELL CONSTRUCTION LOG

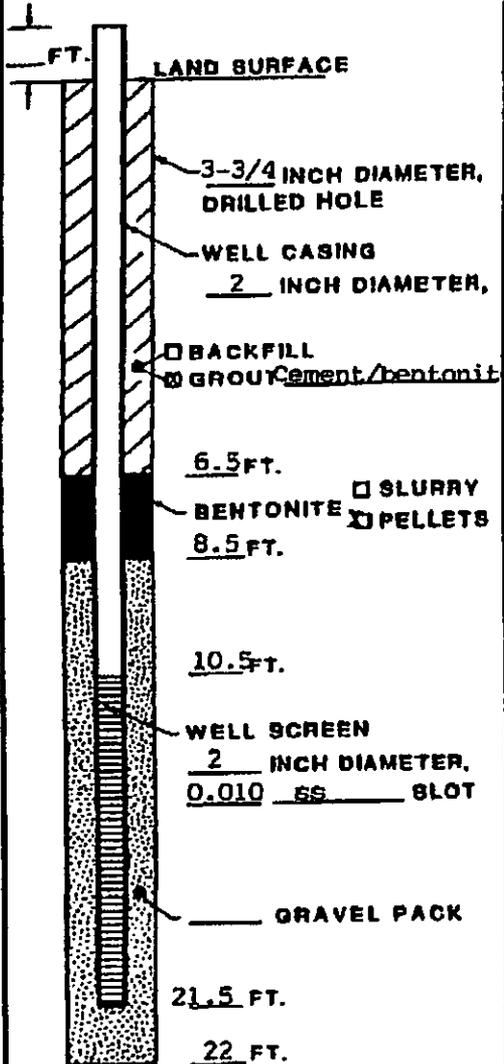


NOTE:
ALL DEPTHS IN FEET
BELOW LAND SURFACE

PROJECT NAME Arnold Engineering NUMBER 18301E
 WELL NO. MW-2 PERMIT NO. N/A
 TOWN/CITY Marengo
 COUNTY McHenry STATE Illinois
 LAND-SURFACE ELEVATION AND DATUM 807 FEET SURVEYED ESTIMATED
 INSTALLATION DATE(S) February 21, 1990
 DRILLING METHOD Hollow-stem auger
 DRILLING CONTRACTOR Fox Drilling - Itasca, Illinois
 DRILLING FLUID None
 DEVELOPMENT TECHNIQUE(S) AND DATE(S)
Developed by purging with a teflon bailer, 02/22/90
 FLUID LOSS DURING DRILLING N/A GALLONS
 WATER REMOVED DURING DEVELOPMENT 10 GALLONS
 STATIC DEPTH TO WATER 17.5 FEET BELOW M.P.
 PUMPING DEPTH TO WATER N/A FEET BELOW M.P.
 PUMPING DURATION N/A HOURS
 YIELD N/A GPM N/A DATE N/A
 SPECIFIC CAPACITY N/A GPM/FT.
 WELL PURPOSE Ground-water monitoring downgradient of a percolation field.
 REMARKS Stainless steel well screen and riser.
Well was surveyed on March 15, 1990 by Heritage Engineering of Rockford, IL. Top of casing (T/C) elevation is 809.60 ft. above mean sea level.
 HYDROGEOLOGIST Steven Wanner



MONITORING WELL CONSTRUCTION LOG



NOTE:
ALL DEPTHS IN FEET
BELOW LAND SURFACE

PROJECT NAME Arnold Engineering NUMBER 183011

WELL NO. MW-3 PERMIT NO. N/A

TOWN/CITY Marengo

COUNTY McHenry STATE Illinois

LAND-SURFACE ELEVATION AND DATUM 810 FEET SURVEYED ESTIMATED

INSTALLATION DATE(S) February 22, 1990

DRILLING METHOD Hollow-stem auger

DRILLING CONTRACTOR Fox Drilling - Itasca, Illinois

DRILLING FLUID None

DEVELOPMENT TECHNIQUE(S) AND DATE(S)
Developed by purging with a teflon bailer, 02/22/90

FLUID LOSS DURING DRILLING N/A GALLONS

WATER REMOVED DURING DEVELOPMENT 10 GALLONS

STATIC DEPTH TO WATER 16 FEET BELOW M.P.

PUMPING DEPTH TO WATER N/A FEET BELOW M.P.

PUMPING DURATION N/A HOURS

YIELD N/A GPM N/A DATE N/A

SPECIFIC CAPACITY N/A GPM/FT.

WELL PURPOSE Monitoring well downgradient of a percolation field.

REMARKS Stainless steel well screen and riser. Well was surveyed on March 15, 1990 by Heritage Engineering of Rockford, Il. Top of casing elevation is 810.43 feet above mean sea level.

HYDROGEOLOGIST Steven Wanner

CONSULTING GROUND WATER GEOLOGISTS
ROUX ASSOCIATES INC **GEOLOGIC LOG** MW1

Study No. <u>183011</u> Date <u>03/22/90</u> Project _____ Client <u>Arnold Engineering</u> Page <u>1</u> of <u>1</u> Logged By <u>Steven Wanner</u> Well No. <u>MW1</u> Loc. <u>Marengo, IL</u> M.P. Elevation <u>812.42</u> Drilling Started <u>02/21/90</u> Ended <u>02/21/90</u> Driller <u>Fox Drilling</u> Type Of Rig <u>3-3/4 Hollow-stem auger</u>	WELL DATA Hole Diam. (in.) <u>3-3/4</u> Final Depth (ft.) <u>27 ft</u> Casing Diam. (in.) <u>2"</u> Casing Length (ft.) <u>18 ft</u> Screen Setting (ft.) <u>16</u> Screen Slot & Type _____ Well Status <u>Active</u>	G W READINGS (1) <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 33%;">Date</th> <th style="width: 33%;">DTW MP (2)</th> <th style="width: 33%;">Elev. W. I.</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	Date	DTW MP (2)	Elev. W. I.			
Date	DTW MP (2)	Elev. W. I.						
SAMPLER Type <u>split-spoon</u> Hammer <u>140</u> lb. Fall <u>30</u> in.		DEVELOPMENT Developed by purging with a teflon bailer						

Hno	SAMPLE			Strata Change & Gen. Desc.	Depth (ft.)	SAMPLE DESCRIPTION
	No.	Rec.	Depth (ft.)			
0	1	80	3 - 5'	10/17/20/21		Coarse gravel with medium sand matrix light brown - damp
0	2	70	8 - 10'	4/6/11/17		Light brown silty sandy clay till w/pebbles
0	3	100	13 - 15'	5/6/10/10		Dark brown silty clay till with a narrow sand lens at 14'
0	4	100	18 - 20'	5/5/7/9	▼	Dark gray silty clay till, wet
0	5	100	23 - 25'	4/6/5/9		Wet medium sand and gravel
						- End of boring at 27 feet Well installed

REMARKS: (1) in feet relative to a common datum
 (2) from top of PVC casing

**CONSULTING GROUND WATER GEOLOGISTS
ROUX ASSOCIATES INC**

GEOLOGIC LOG MW2

Study No. <u>183011</u> Date <u>03/22/90</u> Project _____ Client <u>Arnold Engineering</u> Page <u>1</u> of <u>1</u> Logged By <u>Steven Warner</u> Well No. <u>MW2</u> Loc. <u>Marengo, IL</u> M.P. Elevation <u>809.60</u> Drilling Started <u>02/21/90</u> Ended <u>02/21/90</u> Driller <u>Fox Drilling</u> Type of Rig <u>Hollow-stem auger</u>		WELL DATA Hole Diam. (In.) <u>3-3/4</u> Final Depth (ft.) <u>23</u> Casing Diam. (In.) <u>2</u> Casing Length (ft.) <u>14</u> Screen Setting (ft.) <u>12-23</u> Screen Slot & Type _____ Well Status <u>Active</u>		G W READINGS(1) Date _____ DTW MP(2) _____ Elev. W.T. _____		
		SAMPLER Type <u>split-spoon</u> Hammer <u>140</u> lb. Fall <u>30</u> In.		DEVELOPMENT Developed surge and purge with teflon bailer		

Hnu	SAMPLE				Strata Change & Gen. Desc.	Depth (ft.)	SAMPLE DESCRIPTION	
	No.	Rec.	Depth (ft.)	Blows/6"				
0	1	80	3 - 5	4/4/4/5		5	Dry, light brown, medium-grained, gravelly sand	
0	2	100	8 - 10	3/4/7/7		10	Light brown medium sand with some gravel, damp	
0	3	80	13 - 15	4/5/8/8		15	Light brown fine to medium grained sand, damp.	
0	4	80	18 - 20	6/REFUSAL	▼	20	Poorly sorted greenish gray wet sand	
								End of boring at 23 feet Well Installed

REMARKS: (1) in feet relative to a common datum
(2) from top of PVC casing

CONSULTING GROUND WATER GEOLOGISTS ROUX ASSOCIATES INC				GEOLOGIC LOG MW3		
Study No. <u>18301I</u> Date <u>03/22/90</u>		Hole Diam. (in.) <u>3-3/4</u>		WELL DATA		
Project _____		Final Depth (ft.) <u>22</u>		G W READINGS(1)		
Client <u>Arnold Engineering</u>		Casing Diam. (in.) <u>2</u>		Date	DTW MP(2)	Elev. W. T.
Page <u>1</u> of <u>1</u>		Casing Length (ft.) <u>13'</u>				
Logged By <u>Steven Wanner</u>		Screen Setting (ft.) <u>11-22</u>				
Well No. <u>MW3</u>		Screen Slot & Type _____				
Loc. <u>Marengo, IL</u>		Well Status <u>Active</u>				
M.P. Elevation <u>810.43</u>		SAMPLER		DEVELOPMENT		
Drilling Started <u>02/22/90</u> Ended <u>02/22/90</u>		Type <u>split-spoon</u>		Developed surge and purge with teflon bailer		
Driller <u>Fox Drilling</u>		Hammer <u>140</u> lb.				
Type of Rig <u>Hollow-stem auger</u>		Fall <u>30</u> in.				
H No	SAMPLE			Strata Change & Gen. Desc.	Depth (ft.)	SAMPLE DESCRIPTION
	No. Rec.	Depth (ft.)	Blows / 6"			
0	1 80%	3 - 5'	3/4/4/4			Brown medium grained dry sand
0	2 80%	8 - 10'	4/8/10/11		5	Medium to coarse grained light brown gravelly sand, damp
0	3 60	13 - 15'	5/10/18/R		10	Damp, medium to coarse grained light brown sand
0	4 100	18 - 20'	3/10/19/25	▼ —	15	Medium - coarse light brown wet sand
					20	End of boring at 22 feet Well installed

REMARKS: (1) in feet relative to a common datum

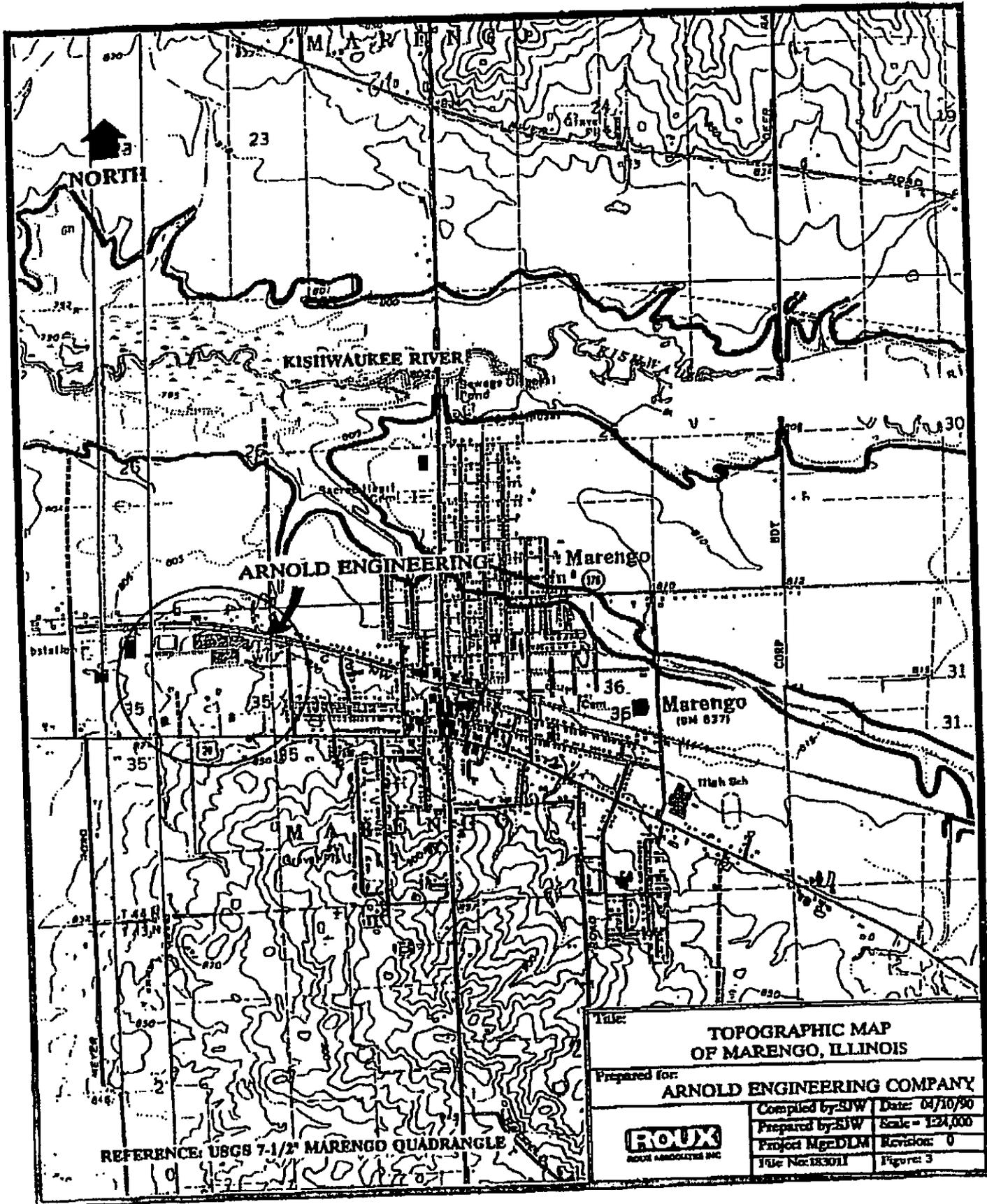
SYSTEM OR SERIES	Hydrogeologic units and thickness	Graphic log	Rock type	Water-yielding characteristics
PLEISTOCENE	Drift (0 - 400')		Unconsolidated glacial deposits, loess and alluvium	Water yields variable, largest from thick outwash deposits in western part of county
SILURIAN	Niagara-Alexandrian (0 - 100')		Dolomite, very pure to very silty; cherty; shale partings toward base	Yields moderate to large supplies where creviced and overlain by permeable sand and gravel. Productivity lessens with thinning of dolomite and thickening of shale
ORDOVICIAN	Maquoketa (0 - 200')		Shale, green and blue with limestone and dolomite beds	Yields small to moderate supplies from dolomite and fractured shale
	Galena-Platteville (0 - 300')		Dolomite, with shale in middle, limestone and chert in lower part	Yields moderate to large supplies only in areas where not overlain by Maquoketa, as near Union and Marengo
	Glennwood-St. Peter (200 - 350')		Sandstone, fine- to coarse-grained; shale at top; locally cherty, red shale at base	Yields small to moderate quantities of water
	Protein du Chien (100'±)		Dolomite, sandy, cherty, interbedded with sandstone	Yields small amounts of water from sandstone and crevices in dolomite
CAMBRIAN	Emmets-Potosi Franconia (200'±)		Dolomite, white, fine-grained Sandstone, fine- to medium-grained	Yields small amounts of water from crevices in dolomite and sandstone
	Ironton-Galesville (100 - 300')		Sandstone, fine- to medium-grained, well sorted	Most productive aquifer in Cambrian-Ordovician Systems; can yield large supplies of water
	Eau Claire (200 - 450')		Shale and siltstone, dolomitic	Shales generally not water-yielding; acts as confining layer at base of Cambrian-Ordovician aquifer system
	Mt. Simon (275' in NW to 950' in SE)		Sandstone, coarse grained, lenses of shale and siltstone	Yields moderate amounts of water; water quality generally good within McHenry County, but deteriorates with depth
PRECAMBRIAN			Granite, red	Not water-yielding

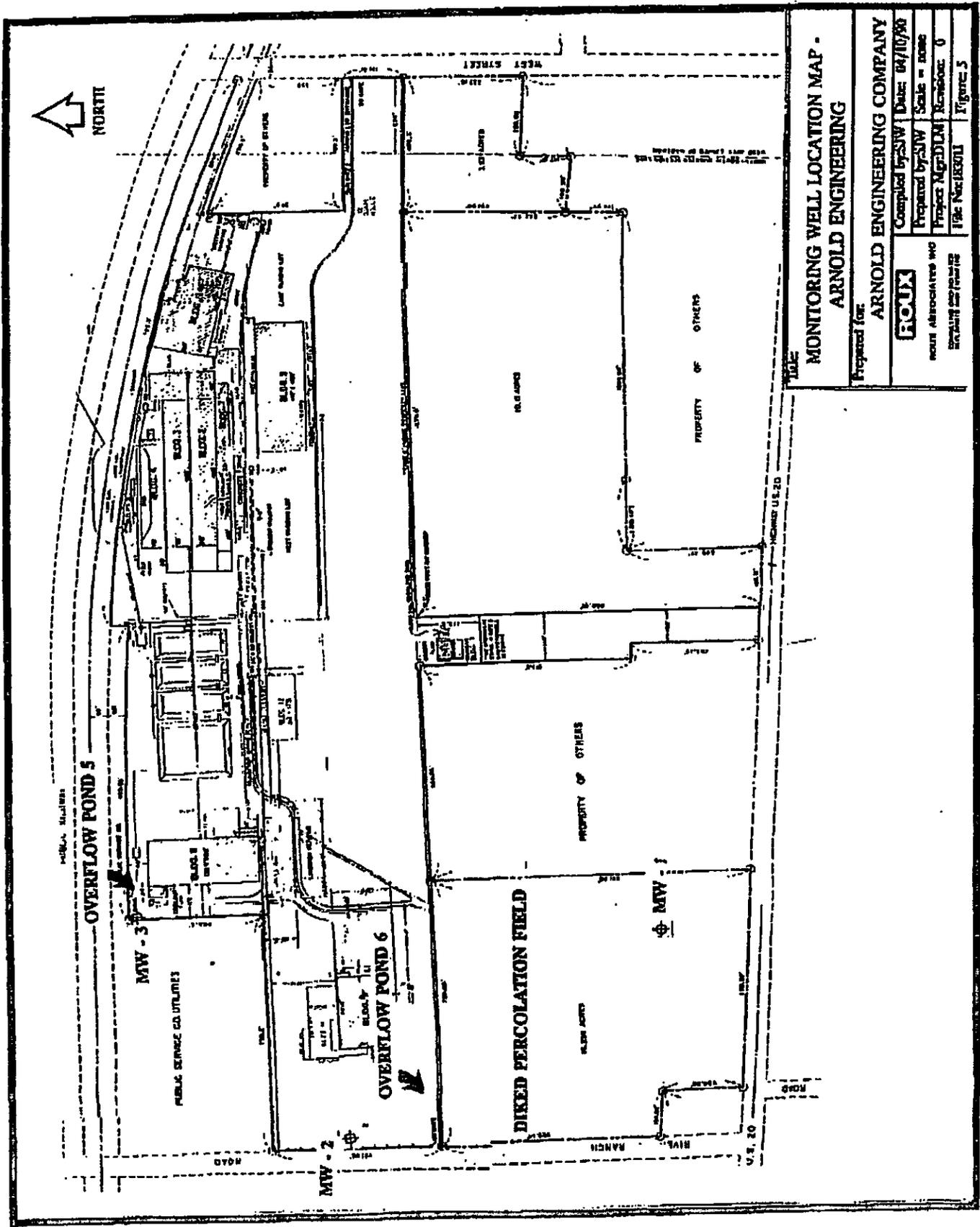
REFERENCE: GEOLOGY FOR LAND PLANNING (ISGS, 1969)

THE GENERALIZED GEOLOGIC COLUMN FOR SOUTHWEST MCHENRY COUNTY

Prepared for:
ARNOLD ENGINEERING COMPANY

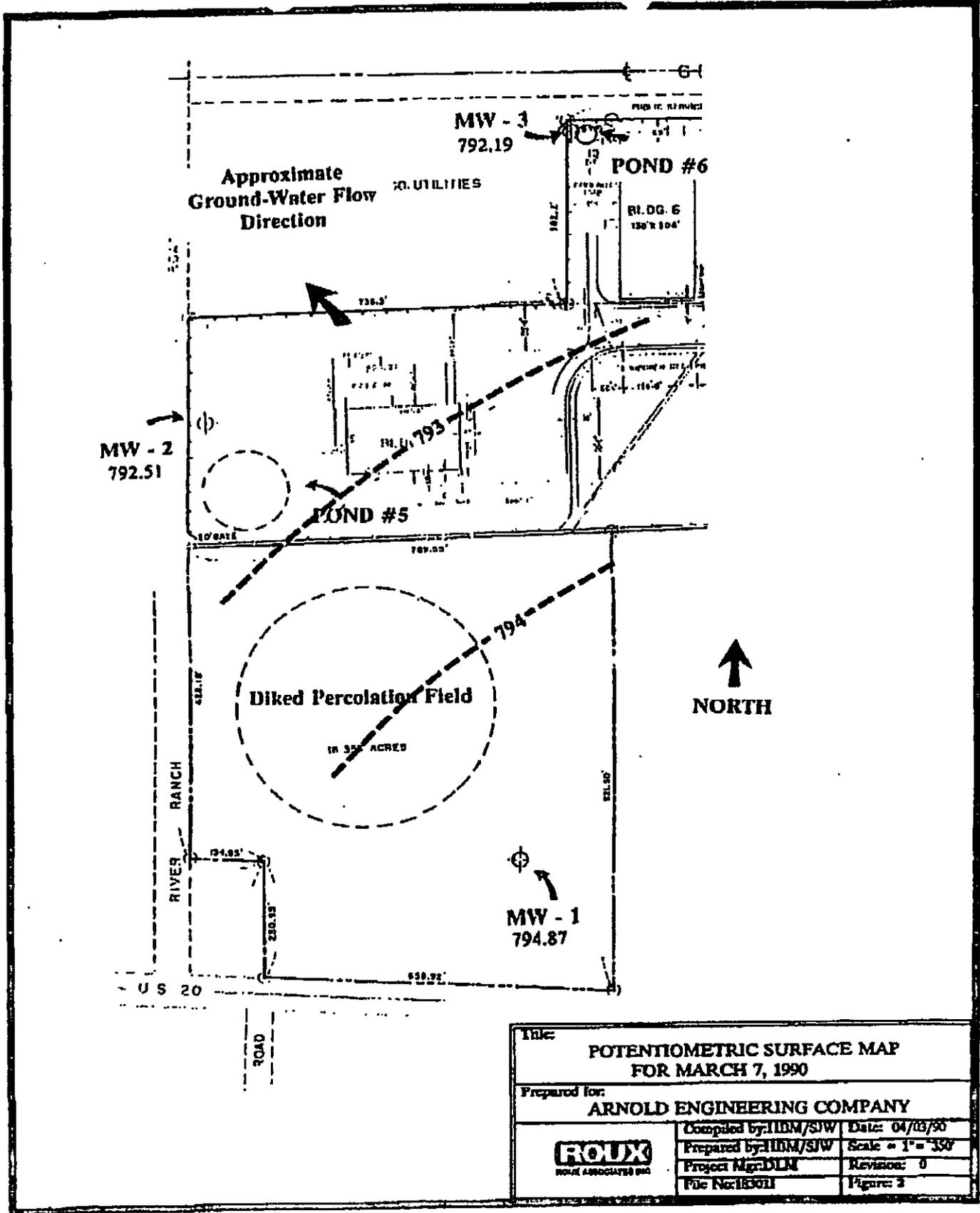
ROUX Route 1800, West of Marengo, Illinois	Compiled by: SJW	Date: 04/10/90
	Prepared by: SJW	Scale: as per
	Project Mgr: DLM	Revision: 0
	File No: 183011	Figure: 4



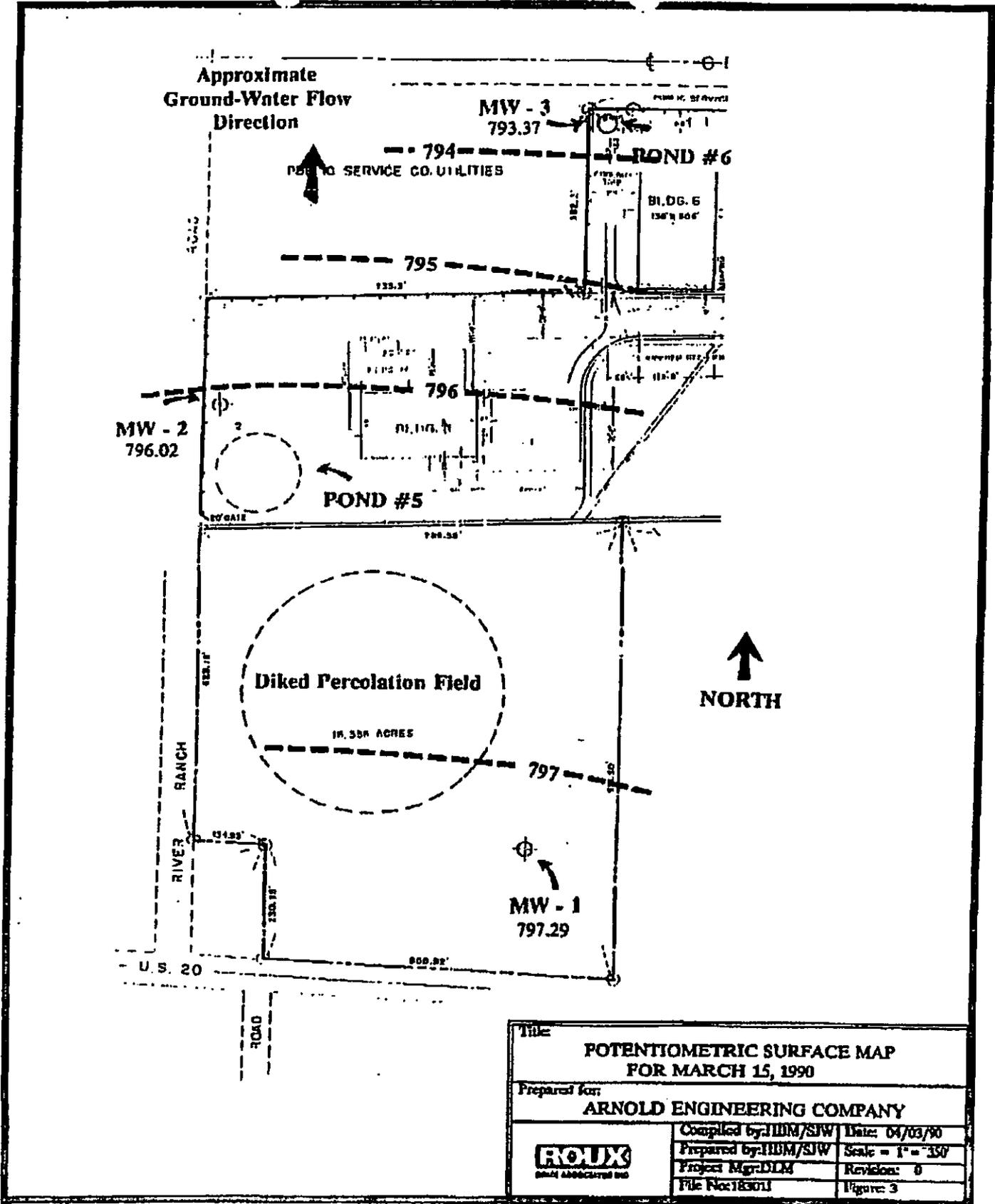


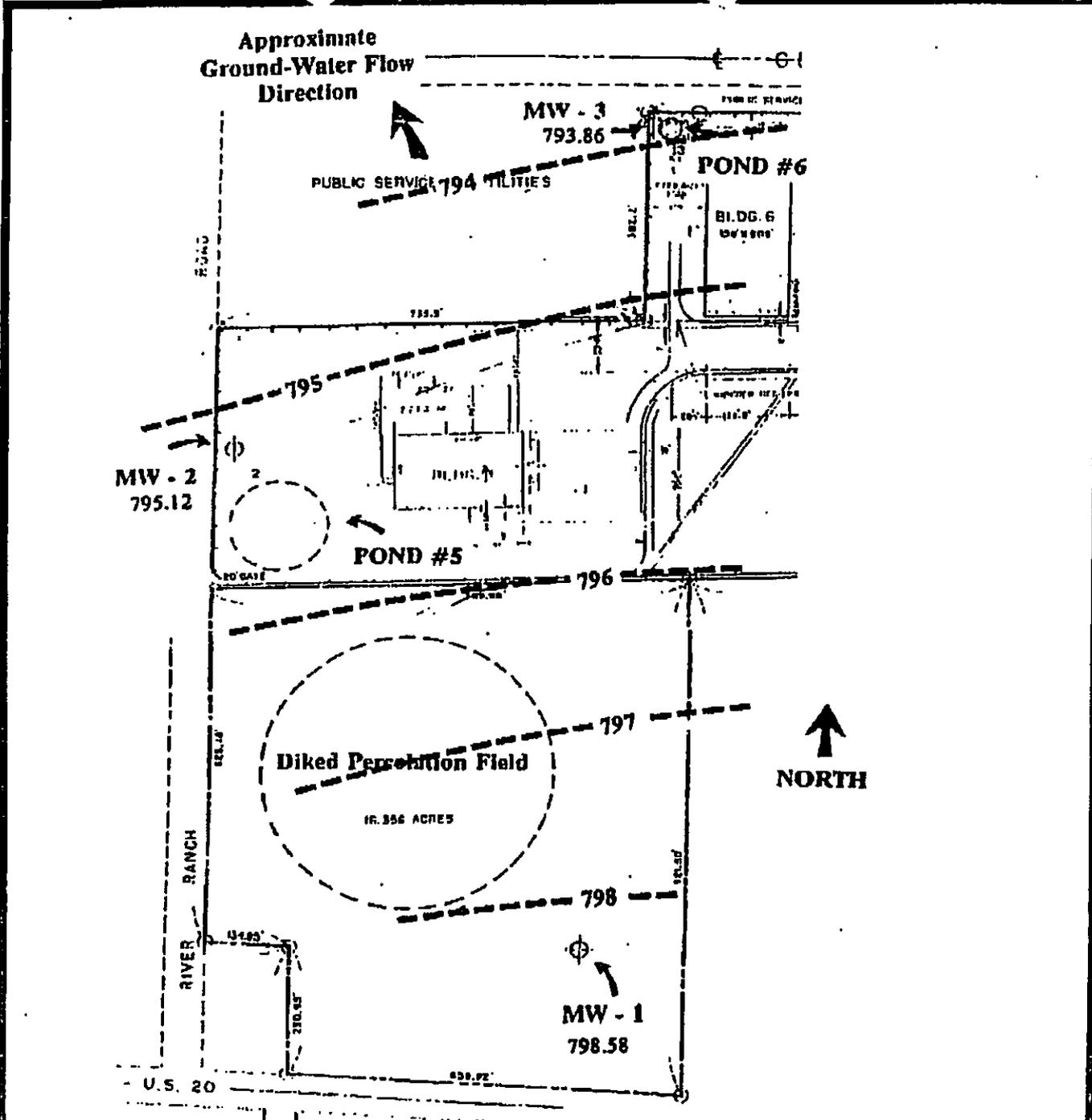
MONITORING WELL LOCATION MAP -	
ARNOLD ENGINEERING	
Prepared for: ARNOLD ENGINEERING COMPANY	
Completed by: RSW	Date: 04/10/06
Prepared by: RSW	Scale: as shown
Project No: 061201	Revision: 0
File No: 061201	Figure: 5

APPENDIX B
GROUND WATER FLOW MAPS

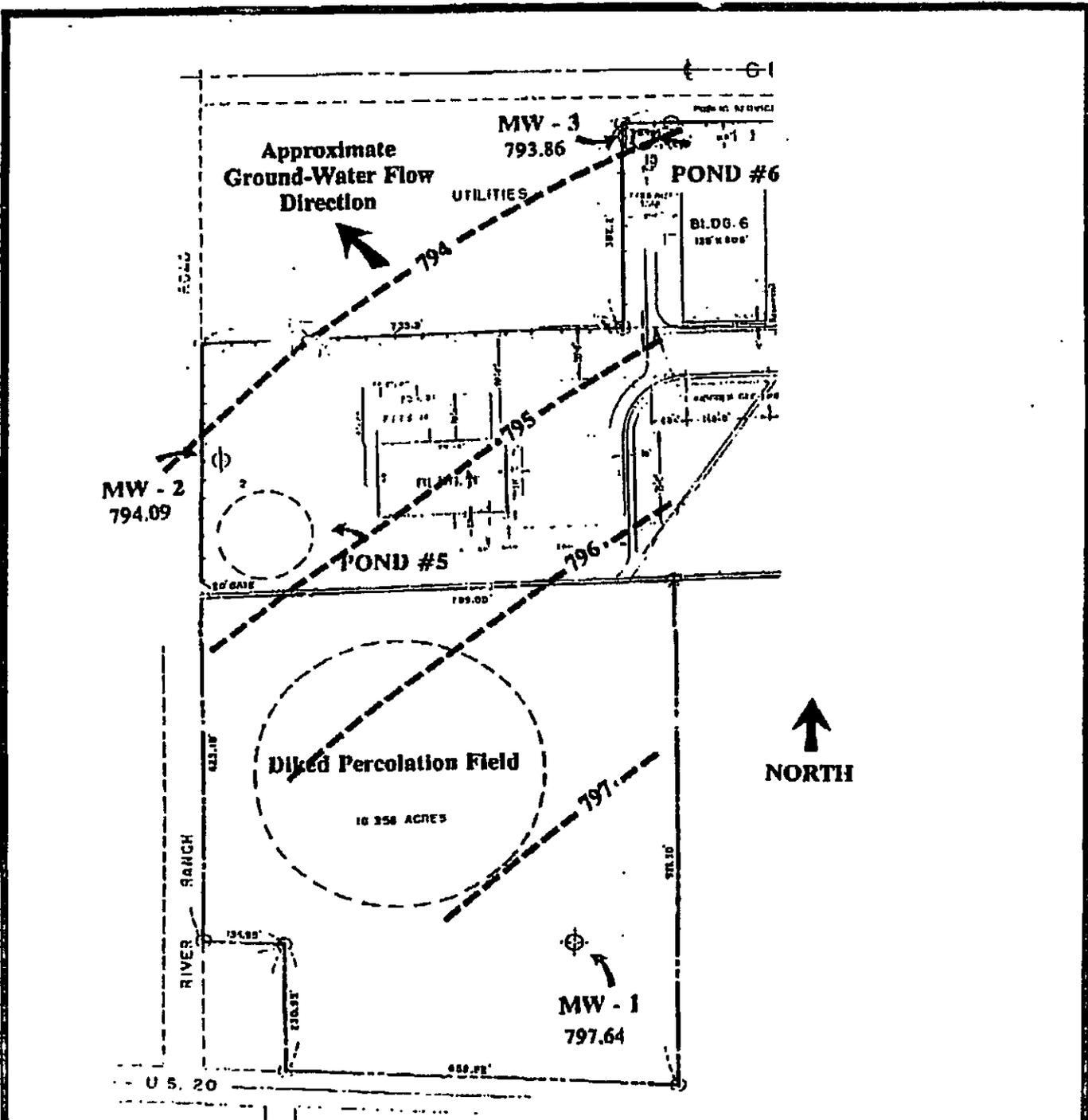


TITLE	
POTENTIOMETRIC SURFACE MAP FOR MARCH 7, 1990	
Prepared for:	
ARNOLD ENGINEERING COMPANY	
ROUX ROUX ASSOCIATES INC.	Compiled by: HBM/SJW Date: 04/03/90
	Prepared by: HBM/SJW Scale: 1" = 350'
	Project No: DLN Revision: 0
	File No: 183011 Figure: 3





Title:		POTENTIOMETRIC SURFACE MAP FOR MARCH 22, 1990	
Prepared for:		ARNOLD ENGINEERING COMPANY	
	Compiled by: JDM/SJW	Date:	04/03/90
	Prepared by: JDM/SJW	Scale:	1" = 350'
	Project Mgr: DLM	Revision:	0
	File No: 183011	Figure:	4



TITLE	
POTENTIOMETRIC SURFACE MAP FOR MARCH 27, 1990	
Prepared for:	
ARNOLD ENGINEERING COMPANY	
Compiled by: HBM/SJW	Date: 04/03/90
Prepared by: HBM/SJW	Scale: 1" = 330'
Project Mgr: DLM	Revision: 0
File No: 183011	Figure: 5



ATTACHMENT E – HYDRAULIC CONDUCTIVITY INPUT DATA AND RESULTS

PROJECT INFORMATION

Company: EGSL
Client: 300 West LLC
Project: 805247
Location: 300 West St.-Marengo
Test Date: 10/06/2012
Test Well: MW-16

AQUIFER DATA

Saturated Thickness: 12.82 ft
Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Initial Displacement: 1. ft
Casing Radius: 0.0833 ft
Wellbore Radius: 0.1458 ft
Well Skin Radius: 0.1458 ft
Screen Length: 15. ft
Total Well Penetration Depth: 15. ft
Gravel Pack Porosity: 0.32

No. of observations: 21

Observation Data					
<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
0.	1.	0.7	0.57	1.4	0.
0.1	0.93	0.8	0.49	1.5	0.
0.2	0.89	0.9	0.43	1.6	0.
0.3	0.8	1.	0.33	1.7	0.
0.4	0.73	1.1	0.24	1.8	0.
0.5	0.68	1.2	0.13	1.9	0.
0.6	0.62	1.3	0.05	2.	0.

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.001966	ft/sec
y0	1.943	ft

PROJECT INFORMATION

Company: EGSL
Client: 300 West LLC
Project: 805247
Location: 300 West St.-Marengo
Test Date: 10/06/2012
Test Well: MW-10

AQUIFER DATA

Saturated Thickness: 15.65 ft
Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Initial Displacement: 1. ft
Casing Radius: 0.0833 ft
Wellbore Radius: 0.1458 ft
Well Skin Radius: 0.1458 ft
Screen Length: 15. ft
Total Well Penetration Depth: 15. ft
Gravel Pack Porosity: 0.32

No. of observations: 21

Observation Data					
<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
0.	1.	0.7	0.63	1.4	0.17
0.1	0.98	0.8	0.6	1.5	0.1
0.2	0.93	0.9	0.53	1.6	0.04
0.3	0.9	1.	0.42	1.7	0.01
0.4	0.85	1.1	0.34	1.8	0.
0.5	0.75	1.2	0.3	1.9	0.
0.6	0.71	1.3	0.23	2.	0.

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.001611	ft/sec
y0	1.943	ft

PROJECT INFORMATION

Company: EGSL
Client: 300 West LLC
Project: 805247
Location: 300 West St.-Marengo
Test Date: 10/06/2012
Test Well: MW-13

AQUIFER DATA

Saturated Thickness: 14.49 ft
Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Initial Displacement: 1. ft
Casing Radius: 0.0833 ft
Wellbore Radius: 0.1458 ft
Well Skin Radius: 0.1458 ft
Screen Length: 15. ft
Total Well Penetration Depth: 14.49 ft
Gravel Pack Porosity: 0.32

No. of observations: 21

Observation Data					
<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
0.	1.	0.7	0.59	1.4	0.
0.1	0.97	0.8	0.48	1.5	0.
0.2	0.92	0.9	0.42	1.6	0.
0.3	0.88	1.	0.38	1.7	0.
0.4	0.8	1.1	0.2	1.8	0.
0.5	0.73	1.2	0.13	1.9	0.
0.6	0.7	1.3	0.07	2.	0.

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.00174	ft/sec
y0	1.943	ft

PROJECT INFORMATION

Company: EGSL
Client: 300 West LLC
Project: 805247
Location: 300 West St.-Marengo
Test Date: 10/06/2012
Test Well: MW-14

AQUIFER DATA

Saturated Thickness: 15.68 ft
Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Initial Displacement: 1. ft
Casing Radius: 0.0833 ft
Wellbore Radius: 0.1458 ft
Well Skin Radius: 0.1458 ft
Screen Length: 15. ft
Total Well Penetration Depth: 15. ft
Gravel Pack Porosity: 0.32

No. of observations: 21

Observation Data					
<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
0.	1.	0.7	0.52	1.4	0.07
0.1	0.99	0.8	0.41	1.5	0.03
0.2	0.97	0.9	0.4	1.6	0.
0.3	0.82	1.	0.32	1.7	0.
0.4	0.79	1.1	0.28	1.8	0.
0.5	0.7	1.2	0.21	1.9	0.
0.6	0.64	1.3	0.13	2.	0.

SOLUTION

Aquifer Model: Unconfined
Solution Method: Bouwer-Rice

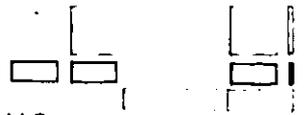
VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.001608	ft/sec
y0	1.943	ft

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



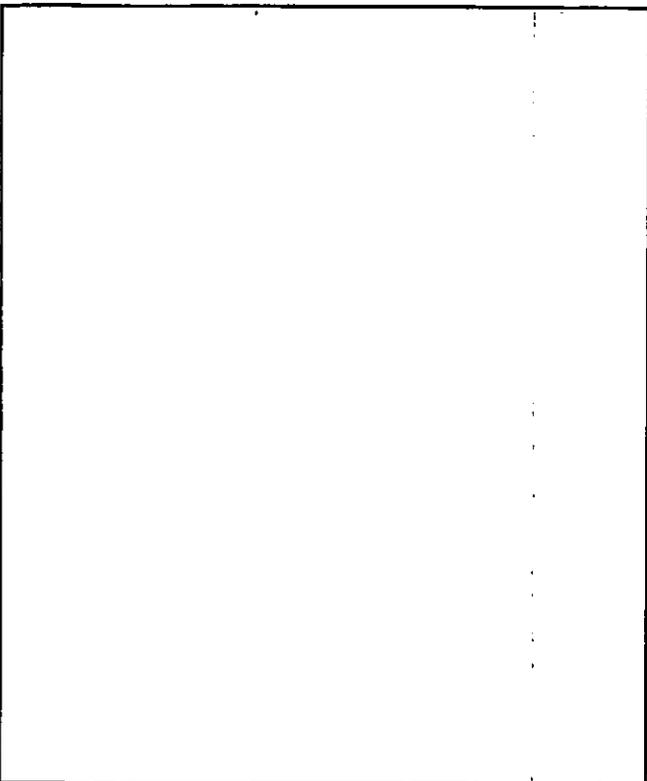
ATTACHMENT F – TIER 2 CALCULATION INPUT DATA AND RESULTS

TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-4 Chemical of Concern *1,1,1-TRICHLOROETHANE Concentration Detected (mg/L) 0.3
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	TR	1.00E-06	unitless
Porosity	n	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g _w /g _s	Infiltration Rate	I	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L _v /L _s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.5	m

Parameter	Symbol	Value	Units
Distance	X	2650.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4556.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	295.00	cm
Vertical Dispersivity	α_v	14.75	cm
Transverse Dispersivity	α_t	98.33	cm
Source Concentration	GW _{source}	0.3	mg/L
Concentration at X (R-26)	C _x	2.00E-01	mg/L
Groundwater Objective		0.2	mg/L



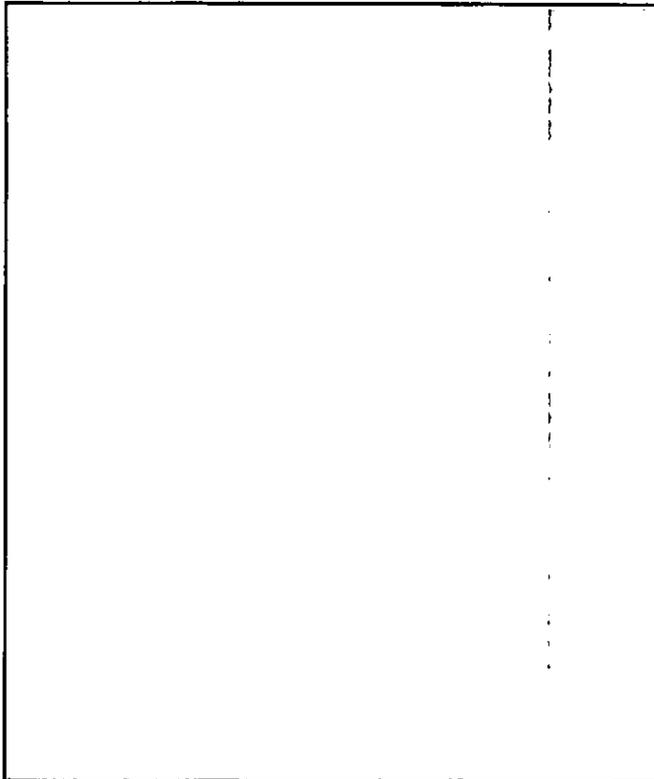
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-1 Class I / Class II Groundwater Class I Objective Comparison Residential
Soil Type Sand	
Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.017	

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f _{oc}	0.006	0.002	g/g	Target Risk Factor	trf	1.00E-06	unitless
Porosity	n	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ _s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ _w	0.18	0.18	L _v /L _s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ _d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ _a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.8	m

Parameter	Symbol	Value	Units
Distance	X	4900.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ _t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α _L	490.00	cm
Vertical Dispersivity	α _v	24.50	cm
Transverse Dispersivity	α _t	163.33	cm
Source Concentration	GW _{source}	0.017	mg/L
Concentration at X (R-26)	C _x	6.96E-03	mg/L
Groundwater Objective		0.007	mg/L



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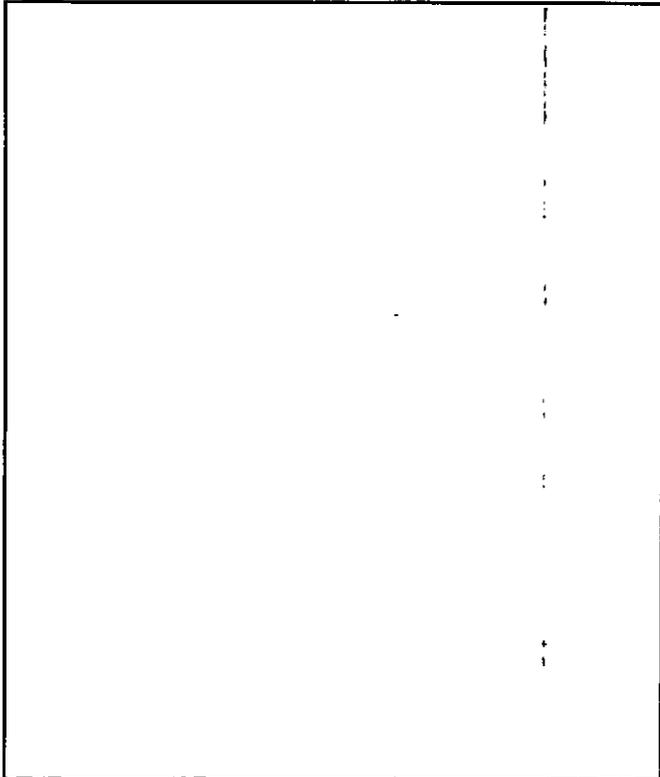
TACO TIER 2 INPUT DATA AND RESULTS

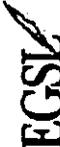
Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110850003 EGSL Project # 805247 Date 1/18/2013	Monitoring Well MW-2 Class I / Class II Groundwater Class I Objective Comparison Residential Soil Type Sand Chemical of Concern 1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.044
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Parameter	Symbol	Inp and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	tr	1.00E-06	unitless
Porosity	η	0.32	0.32	L_p/L_s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L_p/L_s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L_p/L_s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

R-26

Parameter	Symbol	Value	Units
Distance	X	11450.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.46400000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	1145.00	cm
Vertical Dispersivity	α_z	57.25	cm
Transverse Dispersivity	α_T	381.87	cm
Source Concentration	GW _{source}	0.044	mg/L
Concentration at X (R-26)	C_x	6.99E-03	mg/L
Groundwater Objective		0.007	mg/L





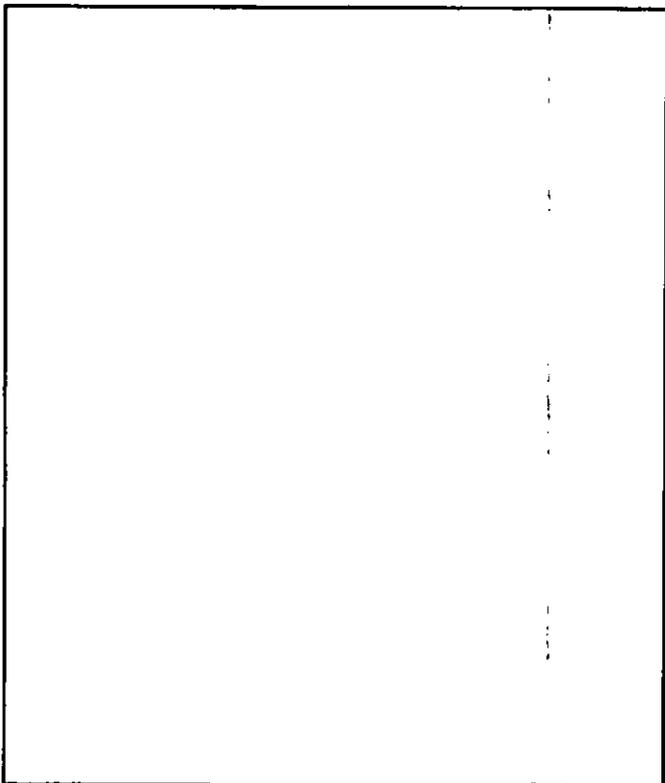
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-4 Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential
Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.036	

Parameter	Symbol	Inq and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	TR	1.00E-06	unitless
Porosity	η	0.32	0.32	L ³ /L ³	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L ³ /L ³	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L ³ /L ³	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	9800.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	980.00	cm
Vertical Dispersivity	α_z	49.00	cm
Transverse Dispersivity	α_T	326.67	cm
Source Concentration	C_{source}	0.036	mg/L
Concentration at X (R-26)	C_x	6.98E-03	mg/L
Groundwater Objective		0.007	mg/L



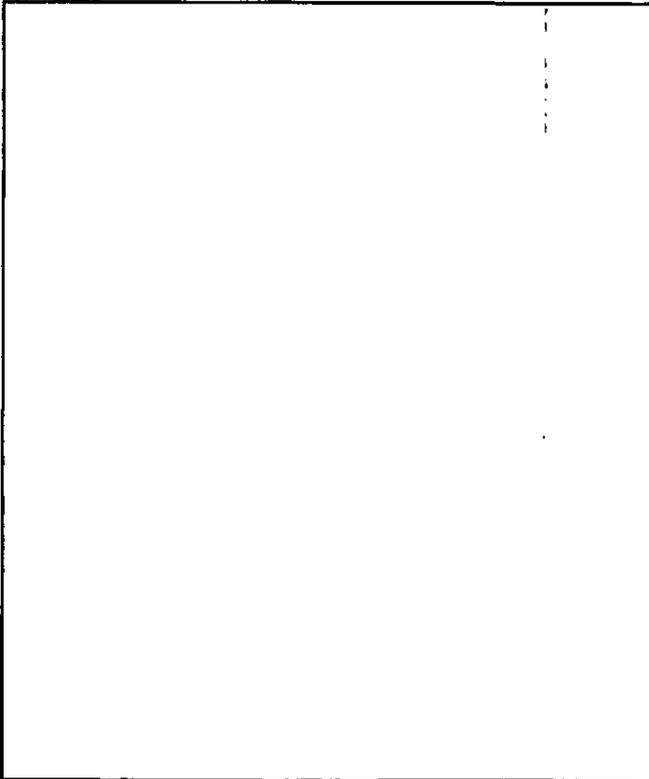
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Armaid Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-5 Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.013
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.008	0.002	g/g	Target Risk Factor	tr	1.00E-06	unitless
Porosity	n	0.32	0.32	L/L_s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g_d	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L/L_s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L/L_s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.8	m

Parameter	Symbol	Value	Units
Distance	X	3650.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	365.00	cm
Vertical Dispersivity	α_z	18.25	cm
Transverse Dispersivity	α_y	121.87	cm
Source Concentration	C_{source}	0.013	mg/L
Concentration at X (R-26)	C_x	6.89E-03	mg/L
Groundwater Objective		0.007	mg/L



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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110850003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-5 Chemical of Concern 1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.012
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	TR	1.00E-06	unitless
Porosity	n	0.32	0.32	L/L	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L/L	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L/L	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
R-26			
Distance	X	3450.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	345.00	cm
Vertical Dispersivity	α_z	17.25	cm
Transverse Dispersivity	α_T	115.00	cm
Source Concentration	GW _{source}	0.012	mg/L
Concentration at X (R-26)	C_x	6.77E-03	mg/L
Groundwater Objective		0.007	mg/L



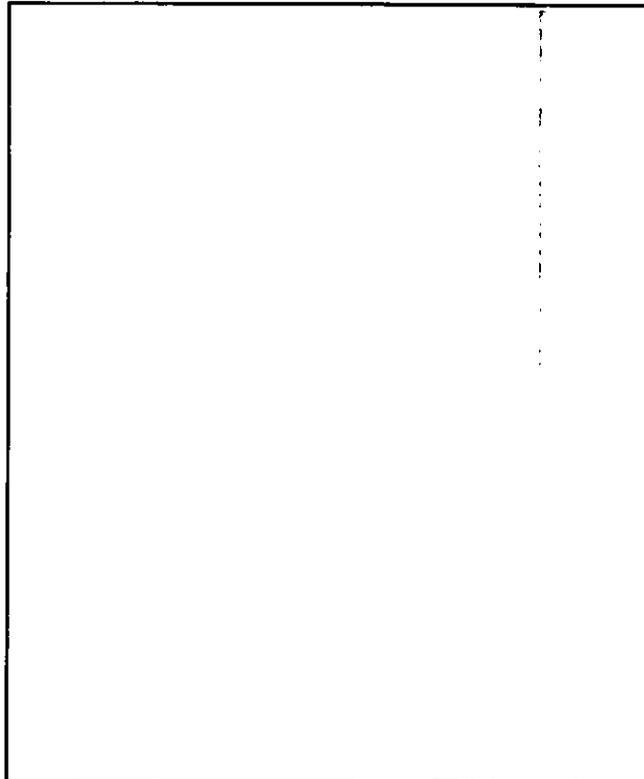
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-7 Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.031
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.008	0.002	g/g	Target Risk Factor	IR	1.00E-06	unitless
Porosity	η	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g _w /g _s	Infiltration Rate	I	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L _v /L _s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	8650.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	865.00	cm
Vertical Dispersivity	α_z	43.25	cm
Transverse Dispersivity	α_T	288.33	cm
Source Concentration	GW _{source}	0.031	mg/L
Concentration at X (R-26)	C _x	6.97E-03	mg/L
Groundwater Objective		0.007	mg/L




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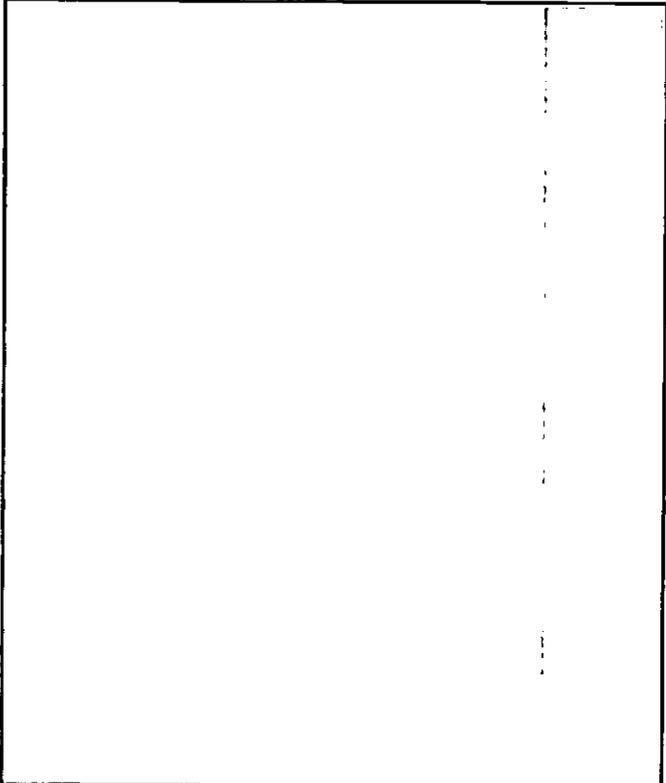
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-13 Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.012
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	tr	1.00E-08	unitless
Porosity	η	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g _w /g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L _w /L _s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _a /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

R-26

Parameter	Symbol	Value	Units
Distance	X	3350.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_x	335.00	cm
Vertical Dispersivity	α_z	18.75	cm
Transverse Dispersivity	α_y	111.87	cm
Source Concentration	GW _{source}	0.012	mg/L
Concentration at X (R-26)	C _x	8.94E-03	mg/L
Groundwater Objective		0.007	mg/L



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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-17 Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.01
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	Ingr and Inth Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.008	0.002	g/g	Target Risk Factor	Tr	1.00E-06	unitless
Porosity	η	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L _v /L _s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	2650.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	265.00	cm
Vertical Dispersivity	α_z	13.25	cm
Transverse Dispersivity	α_y	88.33	cm
Source Concentration	C _{source}	0.01	mg/L
Concentration at X (R-26)	C _x	6.93E-03	mg/L
Groundwater Objective		0.007	mg/L

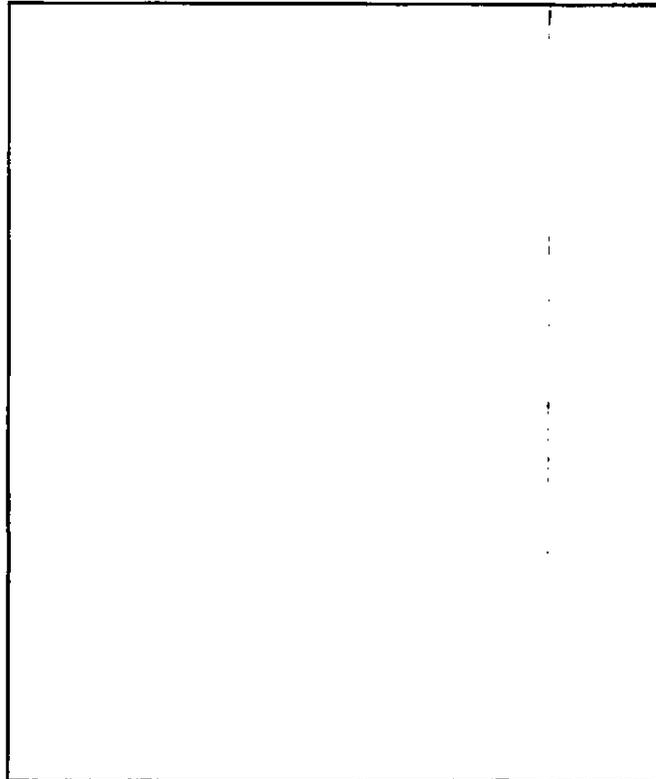

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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnelic Technologies Address 300 West Street - Marengo Illinois LPC# 1110850003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-19 Chemical of Concern *1,1-DICHLOROETHYLENE Concentration Detected (mg/L) 0.016
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and th Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g
Porosity	n	0.32	0.32	L^3/L^3
Density	ρ_s	2.65	2.65	kg/L
Moisture Percentage	w	0.10	0.10	g/g _s
Water-Filled Soil Porosity	θ_w	0.18	0.18	L^3/L^3
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L
Air-Filled Soil Porosity	θ_a	0.14	0.14	L^3/L^3

Parameter	Symbol	Value	Units
Distance	X	4600.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersion	α_L	460.00	cm
Vertical Dispersion	α_z	23.00	cm
Transverse Dispersion	α_T	153.33	cm
Source Concentration	GW _{source}	0.016	mg/L
Concentration at X (R-26)	C_x	6.96E-03	mg/L
Groundwater Objective		0.007	mg/L



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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-4 Chemical of Concern - TETRACHLOROETHYLENE Class I / Class II Groundwater Class I Objective Comparison Residential Concentration Detected (mg/L) 0.014
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Parameter	Symbol	ing and inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	TR	1.00E-06	unitless
Porosity	η	0.32	0.32	L ³ /L ³	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L ³ /L ³	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L ³ /L ³	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	6150.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	615.00	cm
Vertical Dispersivity	α_z	30.75	cm
Transverse Dispersivity	α_T	205.00	cm
Source Concentration	C _{source}	0.014	mg/L
Concentration at X (R-26)	C _x	4.99E-03	mg/L
Groundwater Objective		0.005	mg/L

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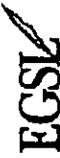
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Amodt Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-7 Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential
Chemical of Concern * TETRACHLOROETHYLENE Concentration Detected (mg/L) 0.12	

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	unitless	Target Risk Factor	trf	1.00E-06	unitless
Porosity	η	0.32	0.32	g/g	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	kg/L	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	kg/L	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
R-26								
Distance	X			cm	Distance	X	30500.00	cm
Source Width	S_w			cm	Source Width	S_w	1500.00	cm
Source Depth	S_d			cm	Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K			cm/d	Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i			m/m	Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t			cm ³ /cm ³	Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L			cm	Longitudinal Dispersivity	α_L	3050.00	cm
Vertical Dispersivity	α_z			cm	Vertical Dispersivity	α_z	152.50	cm
Transverse Dispersivity	α_T			cm	Transverse Dispersivity	α_T	1018.67	cm
Source Concentration	C_{source}			mg/L	Source Concentration	C_{source}	0.12	mg/L
Concentration at X (R-26)	C_x			mg/L	Concentration at X (R-26)	C_x	4.895E-03	mg/L
Groundwater Objective				mg/L	Groundwater Objective		0.005	mg/L



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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Chemical of Concern * TETRACHLOROETHYLENE Concentration Detected (mg/L) 0.01
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units
Organic Carbon	f_{oc}	0.006	0.002	units
Porosity	η	0.32	0.32	g/g
Density	ρ_s	2.65	2.65	L/L
Moisture Percentage	w	0.10	0.10	kg/L
Water-Filled Soil Porosity	θ_w	0.18	0.18	g/g
Dry Soil Bulk Density	ρ_d	1.80	1.80	L/L
Air-Filled Soil Porosity	θ_a	0.14	0.14	kg/L

Parameter	Symbol	Value	Units
Target Risk Factor	Trf	1.00E-08	unitless
Dilution Factor	DF	20	unitless
Mixing Zone Depth	d	2	m
Infiltration Rate	i	0.3	m/yr
Hydraulic Gradient	i	2.32E-02	m/m
Source Length	L	15.5	m
Hydraulic Conductivity	K	16638.39	m/yr
Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	4250.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	425.00	cm
Vertical Dispersivity	α_z	21.25	cm
Transverse Dispersivity	α_T	141.67	cm
Source Concentration	GW _{source}	0.01	mg/L
Concentration at X (R-26)	C_x	4.99E-03	mg/L
Groundwater Objective		0.005	mg/L



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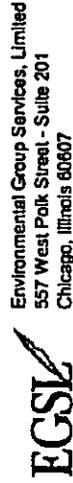
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-18 Chemical of Concern * TETRACHLOROETHYLENE Concentration Detected (mg/L) 0.0092
Soil Type Sand Class 1 / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units
Organic Carbon	f_{oc}	0.005	0.002	unitless
Porosity	n	0.32	0.32	unitless
Density	ρ_s	2.65	2.65	kg/L
Moisture Percentage	w	0.10	0.10	g/g
Water-Filled Soil Porosity	θ_w	0.18	0.18	kg/L
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L
Air-Filled Soil Porosity	θ_a	0.14	0.14	kg/L

Parameter	Symbol	Value	Units
Distance	X	3850.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	385.00	cm
Vertical Dispersivity	α_z	19.25	cm
Transverse Dispersivity	α_T	128.33	cm
Source Concentration	GW _{source}	0.0092	mg/L
Concentration at X (R-28)	C_x	4.99E-03	mg/L
Groundwater Objective		0.005	mg/L

R-26



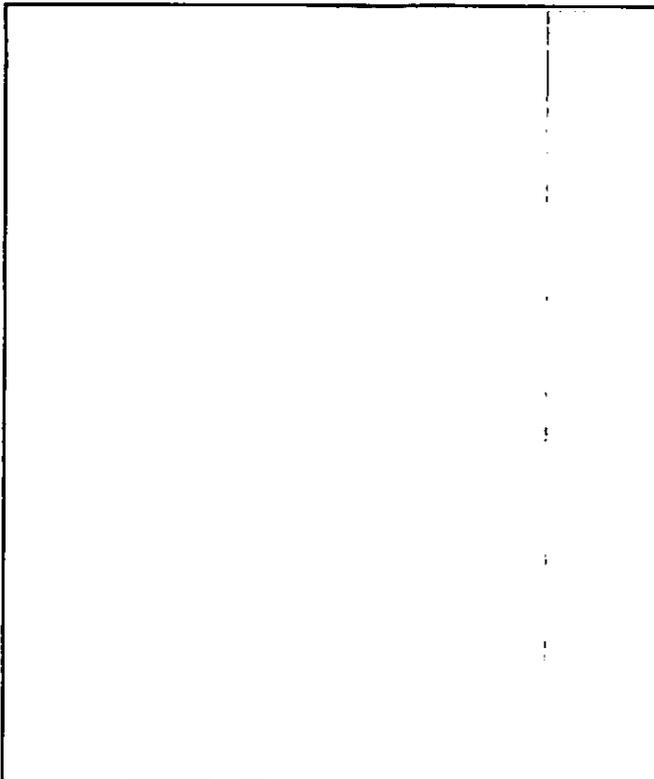
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-6 Chemical of Concern * TRICHLOROETHYLENE (e) Concentration Detected (mg/L) 0.01
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	Trf	1.00E-06	unitless
Porosity	η	0.32	0.32	$\frac{L^3}{L^3}$	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	$\frac{g}{g}$	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	$\frac{L^3}{L^3}$	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	$\frac{L^3}{L^3}$	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	4300.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	$\frac{cm^3}{cm^3}$
Longitudinal Dispersivity	α_L	430.00	cm
Vertical Dispersivity	α_z	21.50	cm
Transverse Dispersivity	α_T	143.33	cm
Source Concentration	C_{source}	0.01	mg/L
Concentration at X (R-26)	C_x	4.98E-03	mg/L
Groundwater Objective		0.005	mg/L



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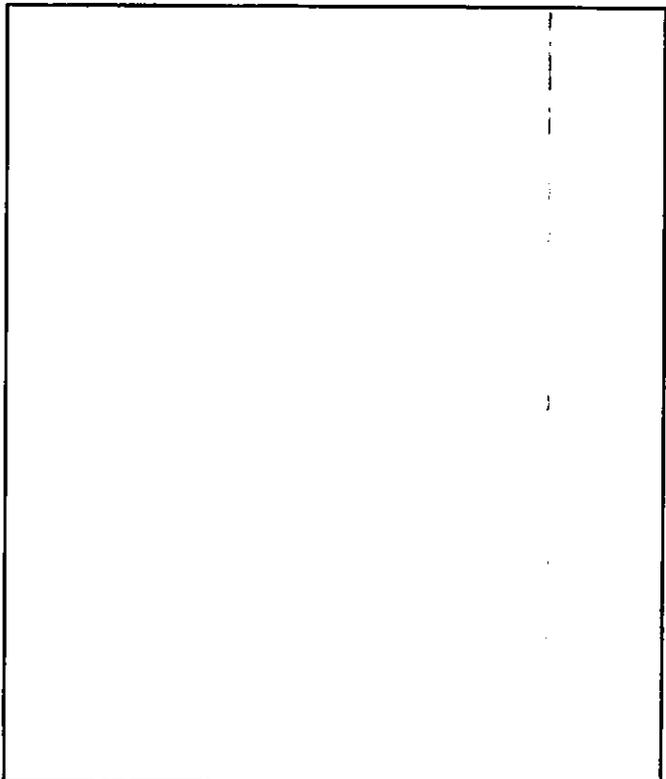
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-7 Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential
Chemical of Concern * TRICHLOROETHYLENE (e) Concentration Detected (mg/L) 0.0078	

Parameter	Symbol	mg and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	tr	1.00E-06	unitless
Porosity	η	0.32	0.32	L ³ /L ³	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g _w /g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L ³ /L ³	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L ³ /L ³	Hydraulic Conductivity	K	16636.39	m/yr
					Aquifer Thickness	d _a	4.6	m

R-26

Parameter	Symbol	Value	Units
Distance	X	3150.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	315.00	cm
Vertical Dispersivity	α_z	15.75	cm
Transverse Dispersivity	α_T	105.00	cm
Source Concentration	GW _{source}	0.0078	mg/L
Concentration at X (R-26)	C _x	5.00E-03	mg/L
Groundwater Objective		0.005	mg/L



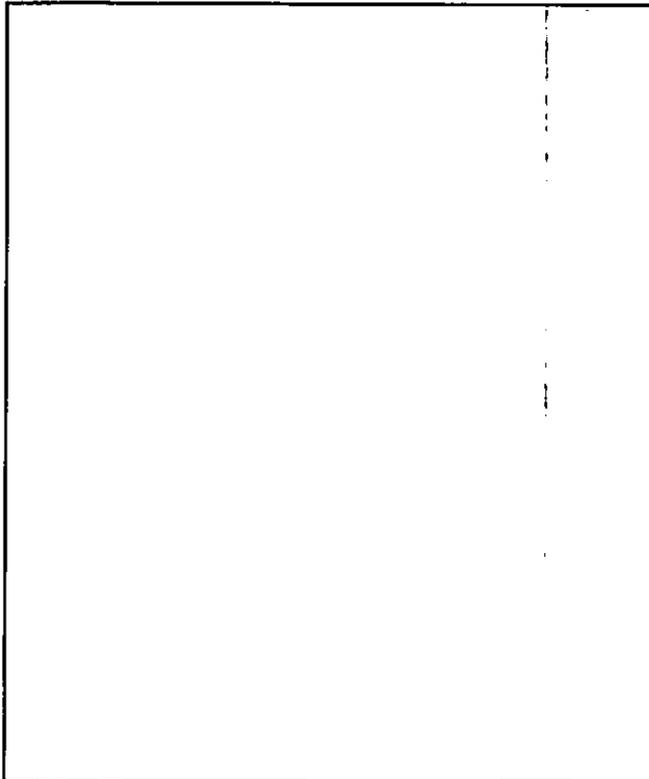
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-18 Chemical of Concern VINYL CHLORIDE (e) Concentration Detected (mg/L) 0.0025
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	mg and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.005	0.002	g/g	Target Risk Factor	Tr	1.00E-06	unitless
Porosity	η	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	B_w	0.18	0.18	L _v /L _s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	2300.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	230.00	cm
Vertical Dispersivity	α_v	11.50	cm
Transverse Dispersivity	α_y	76.67	cm
Source Concentration	GW _{source}	0.0025	mg/L
Concentration at X (R-26)	C_x	1.98E-03	mg/L
Groundwater Objective		0.002	mg/L



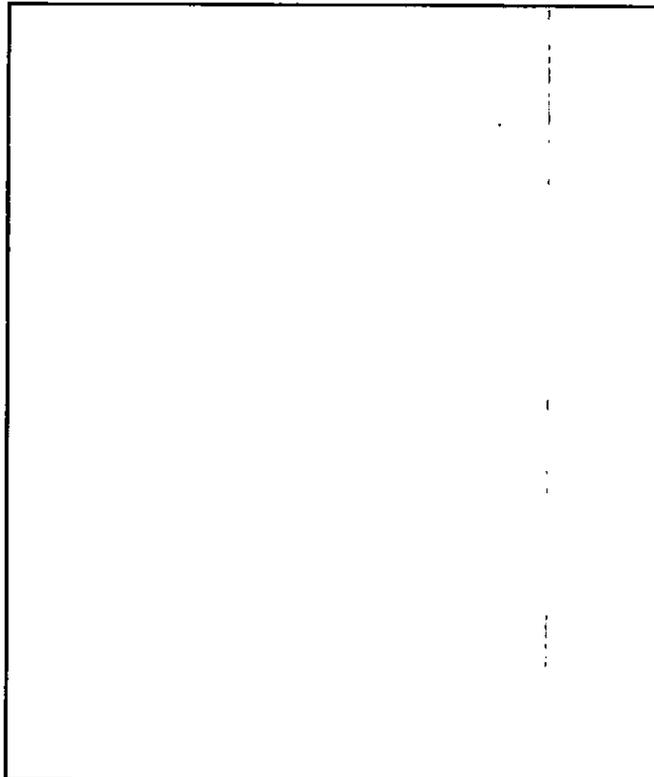
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TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-13 Chemical of Concern Aluminum Concentration Detected (mg/L) 44
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	Inq and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	trf	1.00E-06	unitless
Porosity	n	0.32	0.32	L_p/L_s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g_w/g_s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L_w/L_s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_d	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L_a/L_s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	21800.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	2180.00	cm
Vertical Dispersivity	α_v	109.00	cm
Transverse Dispersivity	α_t	726.67	cm
Source Concentration	C_{source}	44	mg/L
Concentration at X (R-26)	C_x	3.49E+00	mg/L
Groundwater Objective		3.5	mg/L



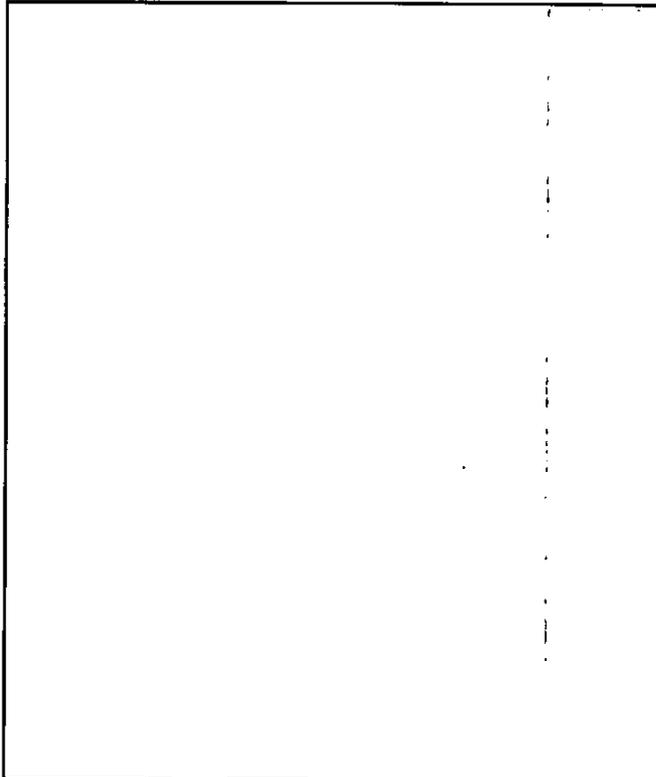
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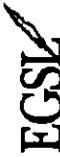
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110850003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Chemical of Concern ANTIMONY Concentration Detected (mg/L) 0.0085
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.005	0.002	g/g	Target Risk Factor	trf	1.00E-06	unitless
Porosity	η	0.32	0.32	L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L _v /L _s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	2800.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4556.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersion	α_L	280.00	cm
Vertical Dispersion	α_v	14.00	cm
Transverse Dispersion	α_t	93.33	cm
Source Concentration	GW _{source}	0.0085	mg/L
Concentration at X (R-26)	C _x	5.95E-03	mg/L
Groundwater Objective		0.006	mg/L




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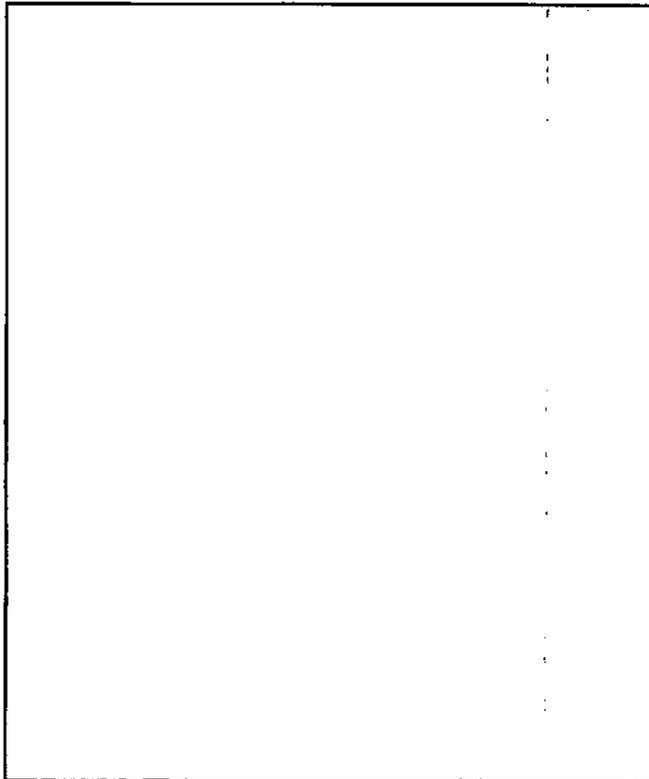
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Subject Property Arnold Magnetix Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Class I / Class II Groundwater Class I Objective Comparison Residential
Chemical of Concern ARSENIC Concentration Detected (mg/L) 0.28	

Parameter	Symbol	mg and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	trf	1.00E-08	unitless
Porosity	η	0.32	0.32	L_v/L_v	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	0.3	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	2.32E-02	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L_v/L_v	Hydraulic Gradient	L	15.5	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	16638.39	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L_v/L_v	Hydraulic Conductivity	K	4.6	m/yr
					Aquifer Thickness	d_a	4.6	m

R-26

Parameter	Symbol	Value	Units
Distance	X	12350.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	1235.00	cm
Vertical Dispersivity	α_v	61.75	cm
Transverse Dispersivity	α_T	411.67	cm
Source Concentration	C_{source}	0.28	mg/L
Concentration at X (R-26)	C_x	4.98E-02	mg/L
Groundwater Objective		0.05	mg/L





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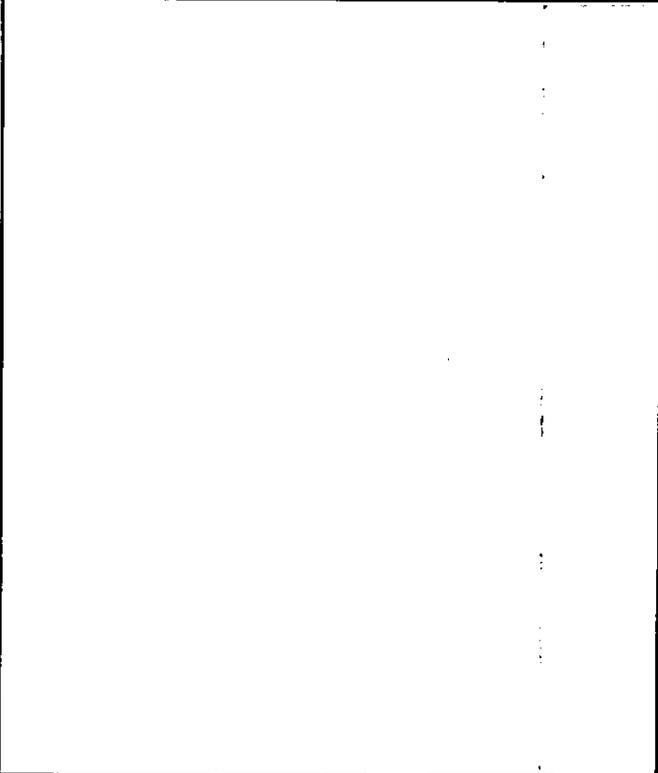
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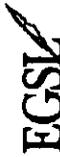
Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-3 Chemical of Concern BARIUM Concentration Detected (mg/L) 2.7
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	TR	1.00E-06	unitless
Porosity	n	0.32	0.32	L^3/L^3	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	I	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L^3/L^3	Hydraulic Gradient	L	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L^3/L^3	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

R-26

Parameter	Symbol	Value	Units
Distance	X	2600.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	280.00	cm
Vertical Dispersivity	α_V	13.00	cm
Transverse Dispersivity	α_T	86.67	cm
Source Concentration	GW _{source}	2.7	mg/L
Concentration at X (R-26)	C_x	1.99E+00	mg/L
Groundwater Objective		2	mg/L





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 557 West Polk Street - Suite 201
 Chicago, Illinois 60607

TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnatic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-13 Chemical of Concern CHROMIUM Concentration Detected (mg/L) 0.16
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	Inq and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units
Organic Carbon	f_{oc}	0.008	0.002	g/g
Porosity	η	0.32	0.32	L_p/L_s
Density	ρ_s	2.65	2.65	kg/L
Moisture Percentage	w	0.10	0.10	g_w/g_s
Water-Filled Soil Porosity	θ_w	0.18	0.18	L_p/L_s
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L
Air-Filled Soil Porosity	θ_a	0.14	0.14	L_p/L_s

Parameter	Symbol	Value	Units
Target Risk Factor	trf	1.00E-06	unitless
Dilution Factor	DF	20	unitless
Mixing Zone Depth	d	2	m
Infiltration Rate	i	0.3	m/yr
Hydraulic Gradient	I	2.32E-02	m/m
Source Length	L	15.5	m
Hydraulic Conductivity	K	16638.39	m/yr
Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	3300.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	330.00	cm
Vertical Dispersivity	α_z	16.50	cm
Transverse Dispersivity	α_T	110.00	cm
Source Concentration	C_{source}	0.16	mg/L
Concentration at X (R-26)	C_x	9.94E-02	mg/L
Groundwater Objective		0.1	mg/L


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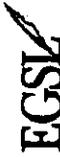
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Chemical of Concern Iron Concentration Detected (mg/L) 360
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

Parameter	Symbol	ing and inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units
Organic Carbon	f_{oc}	0.008	0.002	g/g
Porosity	η	0.32	0.32	L_p/L_s
Density	ρ_s	2.65	2.65	kg/L
Moisture Percentage	w	0.10	0.10	g_w/g_s
Water-Filled Soil Porosity	θ_w	0.18	0.18	L_w/L_s
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L
Air-Filled Soil Porosity	θ_a	0.14	0.14	L_a/L_s

Parameter	Symbol	Value	Units
Target Risk Factor	tr	1.00E-06	unitless
Dilution Factor	DF	20	unitless
Mixing Zone Depth	d	2	m
Infiltration Rate	i	0.3	m/yr
Hydraulic Gradient	i	2.32E-02	m/m
Source Length	L	15.5	m
Hydraulic Conductivity	K	16638.39	m/yr
Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	56800.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	5680.00	cm
Vertical Dispersivity	α_z	284.00	cm
Transverse Dispersivity	α_T	1893.33	cm
Source Concentration	GW _{source}	360	mg/L
Concentration at X (R-26)	C_x	4.99E+00	mg/L
Groundwater Objective		5	mg/L


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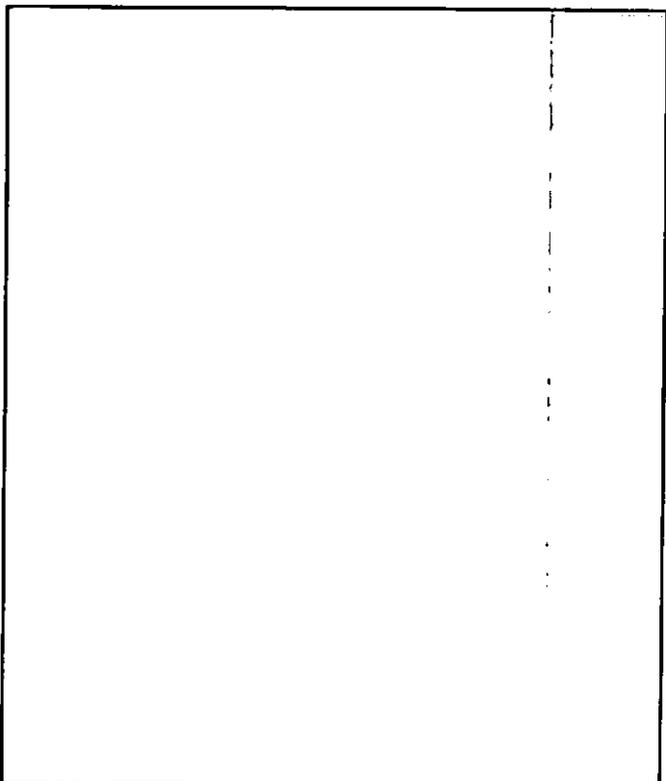
TACO TIER 2 INPUT DATA AND RESULTS

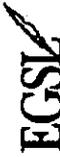
Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-9 Class I / Class II Groundwater Class I Objective Comparison Residential Chemical of Concern LEAD Concentration Detected (mg/L) 0.17
---	--

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.008	0.002	6/8	Target Risk Factor	Tr	1.00E-06	unitless
Porosity	η	0.32	0.32	L_p/L_s	Dilution Factor	DF	20	unitless
Density	P_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g_w/g_s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L_w/L_s	Hydraulic Gradient	I	2.32E-02	m/m
Dry Soil Bulk Density	P_s	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L_a/L_s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.8	m

R-26

Parameter	Symbol	Value	Units
Distance	X	30700.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm^3/cm^3
Longitudinal Dispersivity	α_L	3070.00	cm
Vertical Dispersivity	α_v	153.50	cm
Transverse Dispersivity	α_T	1023.33	cm
Source Concentration	GW _{source}	0.17	mg/L
Concentration at X (R-26)	C_x	7.49E-03	mg/L
Groundwater Objective		0.0075	mg/L




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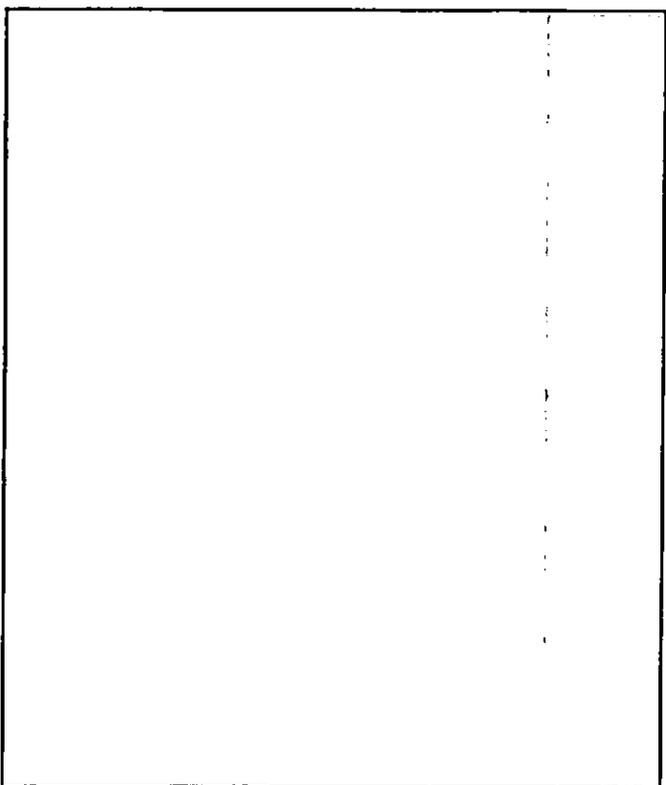
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Chemical of Concern MANGANESE Concentration Detected (mg/L) 31
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	Tr	1.00E-06	unitless
Porosity	η	0.32	0.32	L_p/L_s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	B_w	0.18	0.18	L_p/L_s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	B_a	0.14	0.14	L_p/L_s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d_a	4.6	m

R-26

Parameter	Symbol	Value	Units
Distance	X	97500.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	β_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	9750.00	cm
Vertical Dispersivity	α_z	487.50	cm
Transverse Dispersivity	α_T	3250.00	cm
Source Concentration	C_{source}	31	mg/L
Concentration at X (R-28)	C_x	1.49E-01	mg/L
Groundwater Objective		0.15	mg/L



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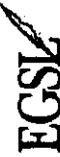
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-9 Class I / Class II Groundwater Class I Objective Comparison Residential Soil Type Sand
Chemical of Concern NICKEL Concentration Detected (mg/L) 0.83	

Parameter	Symbol	Ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units
Organic Carbon	f_{oc}	0.008	0.002	g/g
Porosity	η	0.32		L_v/L_s
Density	ρ_s	2.65		kg/L
Moisture Percentage	w	0.10		g _w /g _s
Water-Filled Soil Porosity	B_w	0.18		L_w/L_s
Dry Soil Bulk Density	ρ_b	1.80		kg/L
Air-Filled Soil Porosity	B_a	0.14		L_a/L_s

Parameter	Symbol	Value	Units
Target Risk Factor	trf	1.00E-06	unitless
Dilution Factor	DF	20	unitless
Mixing Zone Depth	d	2	m
Infiltration Rate	i	0.3	m/yr
Hydraulic Gradient	I	2.32E-02	m/m
Source Length	L	15.5	m
Hydraulic Conductivity	K	16838.39	m/yr
Aquifer Thickness	d_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	16700.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4640000	cm/d
Hydraulic Gradient	I	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	1670.00	cm
Vertical Dispersivity	α_z	83.50	cm
Transverse Dispersivity	α_t	556.67	cm
Source Concentration	C_{source}	0.83	mg/L
Concentration at X (R-26)	C_x	9.92E-02	mg/L
Groundwater Objective		0.1	mg/L


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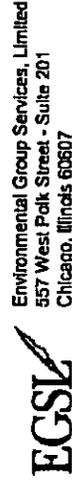
TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Amdel Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Chemical of Concern THALLIUM Concentration Detected (mg/L) 0.0062
Class I / Class II Groundwater Class I Objective Comparison Residential	Soil Type Sand

Parameter	Symbol	ing and Inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	Units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	trf	1.00E-06	unitless
Porosity	η	0.32	0.32	L/L_s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L/L_s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L/L_s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	b_a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	7000.00	cm
Source Width	S_w	1500.00	cm
Source Depth	S_d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	700.00	cm
Vertical Dispersivity	α_z	35.00	cm
Transverse Dispersivity	α_T	233.33	cm
Source Concentration	GW _{source}	0.0062	mg/L
Concentration at X (R-26)	C_x	1.99E-03	mg/L
Groundwater Objective		0.002	mg/L

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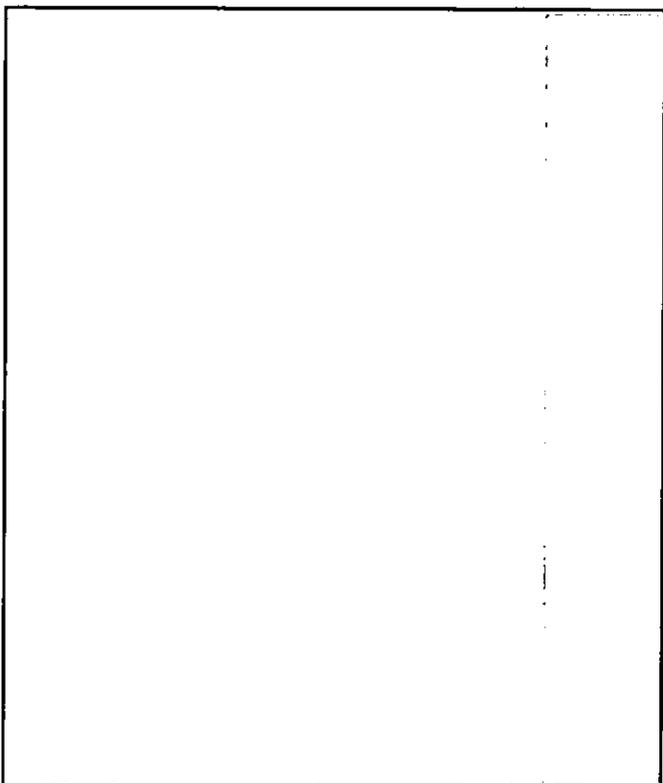


TACO TIER 2 INPUT DATA AND RESULTS

Subject Property Arnold Magnetic Technologies Address 300 West Street - Marengo Illinois LPC# 1110650003 EGSL Project # 805247 Date 1/15/2013	Monitoring Well MW-8 Chemical of Concern VANADIUM Concentration Detected (mg/L) 0.27
Soil Type Sand Class I / Class II Groundwater Class I Objective Comparison Residential	

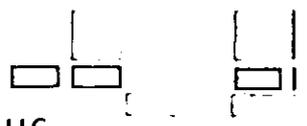
Parameter	Symbol	ing and inh Value (0-3.2 feet)	Migration to GW Value (3.2 feet to groundwater)	units	Parameter	Symbol	Value	Units
Organic Carbon	f_{oc}	0.006	0.002	g/g	Target Risk Factor	TR	1.00E-06	unitless
Porosity	n	0.32		L _v /L _s	Dilution Factor	DF	20	unitless
Density	ρ_s	2.65	2.65	kg/L	Mixing Zone Depth	d	2	m
Moisture Percentage	w	0.10	0.10	g/g _s	Infiltration Rate	i	0.3	m/yr
Water-Filled Soil Porosity	θ_w	0.18	0.18	L _v /L _s	Hydraulic Gradient	i	2.32E-02	m/m
Dry Soil Bulk Density	ρ_b	1.80	1.80	kg/L	Source Length	L	15.5	m
Air-Filled Soil Porosity	θ_a	0.14	0.14	L _v /L _s	Hydraulic Conductivity	K	16638.39	m/yr
					Aquifer Thickness	d _a	4.6	m

Parameter	Symbol	Value	Units
Distance	X	12150.00	cm
Source Width	S _w	1500.00	cm
Source Depth	S _d	2500.00	cm
Hydraulic Conductivity	K	4558.4840000	cm/d
Hydraulic Gradient	i	0.023240	m/m
Total Porosity	θ_t	0.36	cm ³ /cm ³
Longitudinal Dispersivity	α_L	1215.00	cm
Vertical Dispersivity	α_z	60.75	cm
Transverse Dispersivity	α_T	405.00	cm
Source Concentration	GW _{source}	0.27	mg/L
Concentration at X (R-26)	C _t	4.90E-02	mg/L
Groundwater Objective		0.049	mg/L

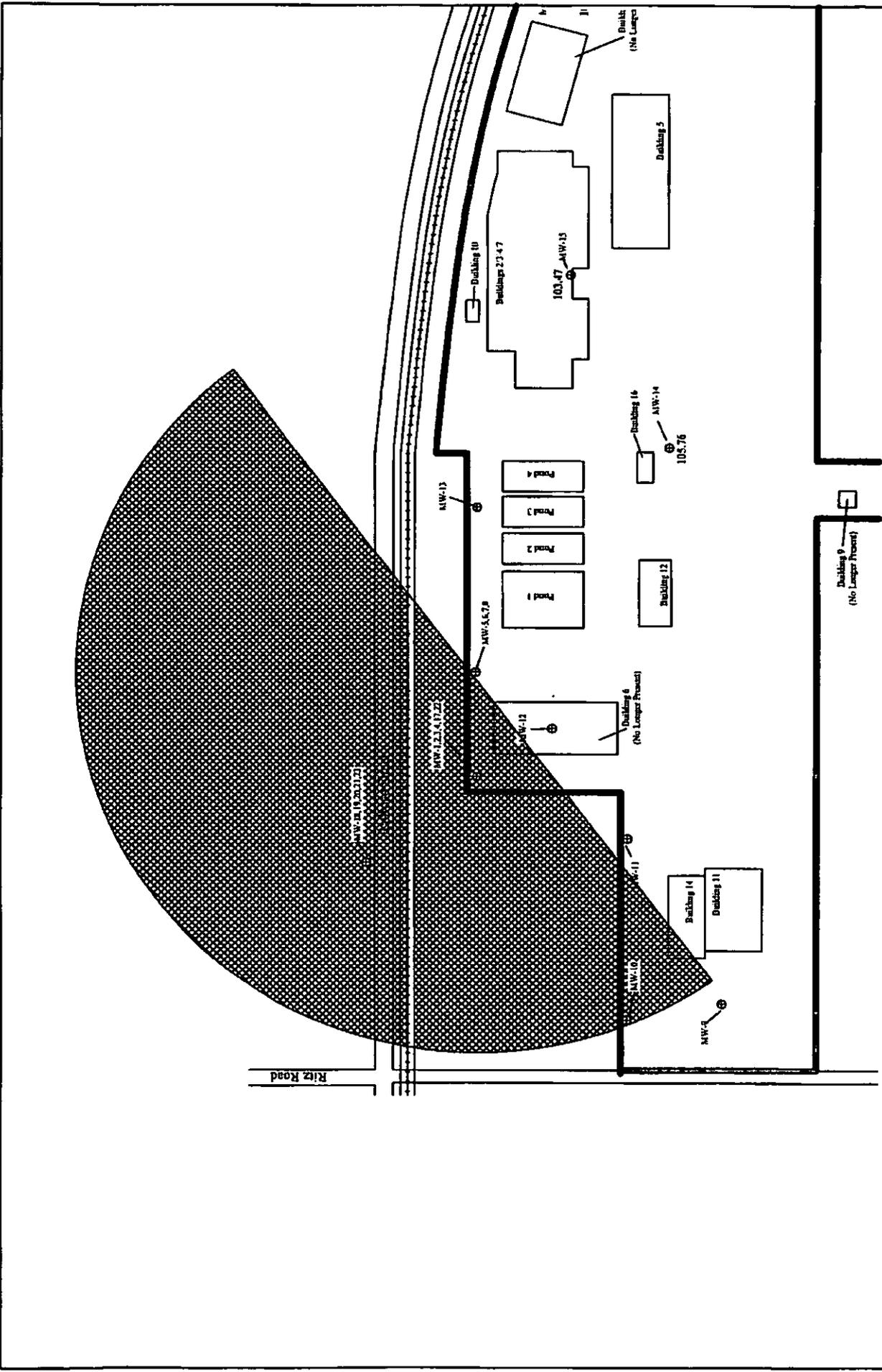




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 Chicago, Illinois 60607



ATTACHMENT G – VOC (PCE) PLUME DIAGRAM



GRAPHIC SCALE

 1 inch = 200 feet

Drawing Legend:

- Monitoring Well
- Plume Area
- Property Line

Drawing Title:
 PCE Plume

Date:
 01.15.2013

Project Name:
 Arnold Technologies
 300 West Street
 Marenco, Illinois

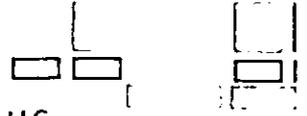
Project Number:
 805247

R 002565

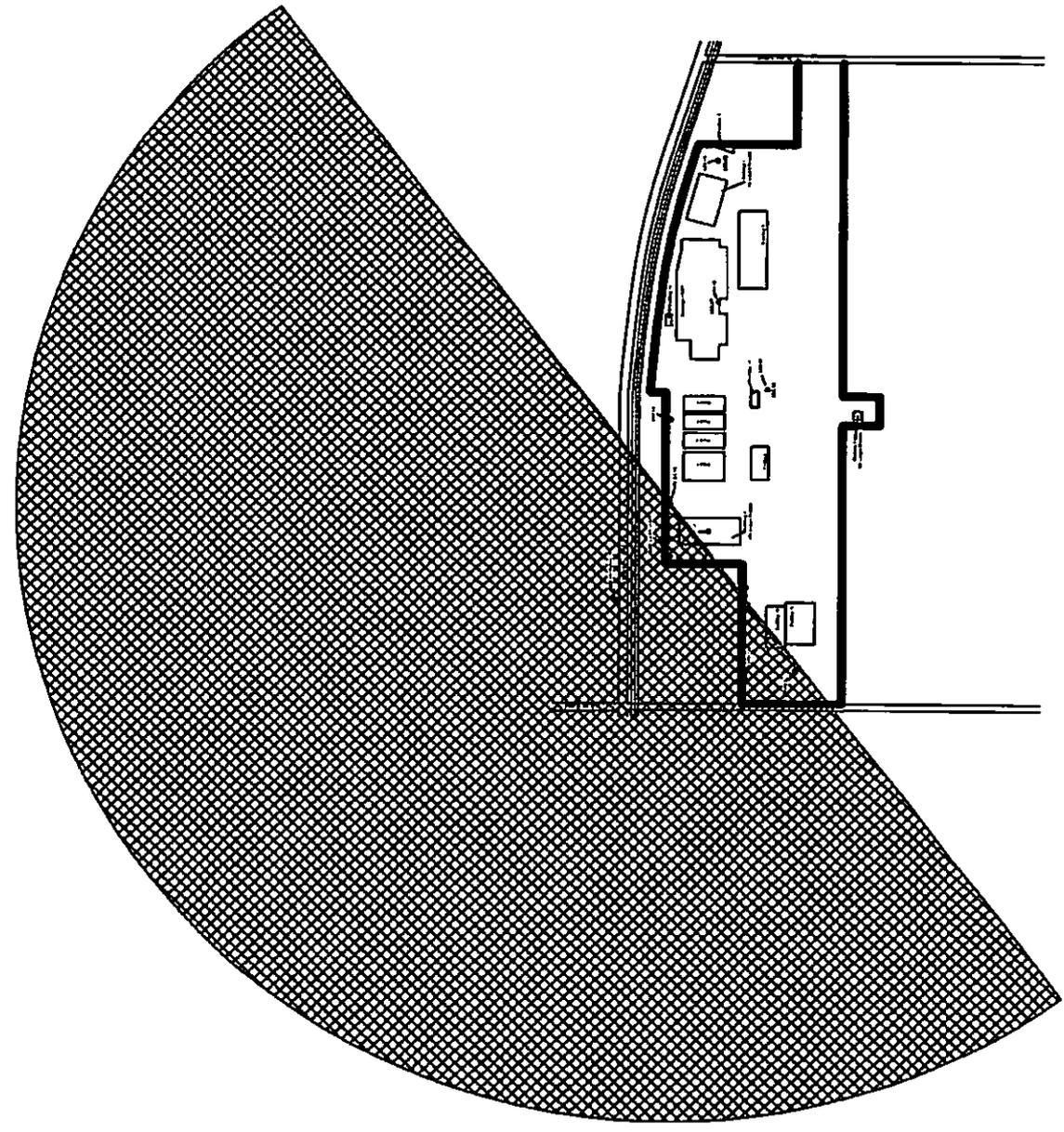
ENVIRONMENTAL GROUP
 SERVICES LIMITED

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT H – INORGANIC (MANGANESE) PLUME DIAGRAM



N 

GRAPHIC SCALE
 0 100
 1 inch = 100 feet

Drawing Legend:

Monitoring Well 

Plume Area 

Property Line 

Drawing Title:
Manganese Plume

Date:
01.15.2013

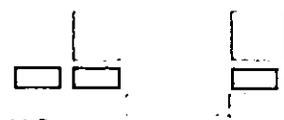
Project Name:
Arnold Technologies
300 West Street
Marengo, Illinois

Project Number:
805247

 ENVIRONMENTAL GROUP SERVICES LIMITED

R 002567

R 002567



ATTACHEMENT I – NORTH/NORTHWESTERLY PRIVATE WELL ADDRESSES



Agency ID: 170000116265

Media File Type LAND

Bureau ID: 1110650003

Site Name: Arnold Magnetic Technologies

Site Address1: 300 N West St

Site Address2:

Site City: Marengo

State: IL

Zip: 60152-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Redaction

Exempt Doc #: 20

Document Date: 11/18/2013

Staff: EMI

**Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 9 -- ATTACHMENT I
ADDRESS LIST**

Category ID: 31A

Category Description: SITE REMEDIATION - TECHNICAL

Exempt Type: Redaction

Permit ID:

Date of Determination:

12/2 /2013

Contact Info for Private Wells located north of Arnold Magnetics site:

[REDACTED]

phone number unavailable

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

NOV 27 2013

REVIEWER: EMI

[Redacted text]

[Redacted text]

[Redacted text]

Alan Stamping Corp

work

5017 Ritz Rd

Marengo, IL 60152-9128

(815) 568-6836

[Redacted text]

[Redacted text]

[Redacted text]

Stark Service Inc

work

21816 W Railroad St

Marengo, IL 60152-9113

(815) 568-5695

[REDACTED]

Farm Services & Supplies Inc

work

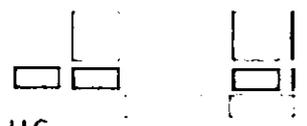
21606 W Railroad St

Marengo, IL 60152-9174

(815) 568-7225

Unable to Locate Contact Info for the following:

[REDACTED]



ATTACHMENT J – DRAFT REQUEST LETTER

[Faint, illegible text line]



Agency ID: 170000116265

Media File Type LAND

Bureau ID: 1110650003

Site Name: Arnold Magnetic Technologies

Site Address1: 300 N West St

Site Address2:

Site City: Marengo

State: IL

Zip: 60152-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Redaction

Exempt Doc #: 21

Document Date: 11/18/2013

Staff: EMI

**Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 9 -- ATTACHMENT J
CITIZEN CORRESPONDENCE**

Category ID: 31A

Category Description: SITE REMEDIATION - TECHNICAL

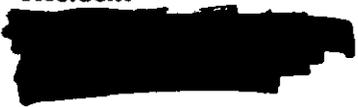
Exempt Type: Redaction

Permit ID:

Date of Determination: 12/2 /2013

DRAFT

May 5, 2008

Resident


Dear Resident:

The Illinois Environmental Protection Agency (Illinois EPA) and Environmental Group Services Limited (EGSL) are planning a private well water sampling event in your area. Due to manufacturing businesses that operate in your area, we would like to check to make sure that volatile organic compounds (VOCs) have not impacted private wells. Residences and businesses on Ritz Road and Railroad Street are locations that we would like to collect private well water samples and then have the samples analyzed for VOCs at an Illinois EPA accredited laboratory.

I highly recommend that you allow us to sample your private well. The sampling will be conducted at no charge to you and you'll be provided the VOC sample analytical results and a letter from an Illinois Department of Public Health (IDPH) Toxicologist approximately 6 weeks after your private well is sampled. Most likely we'll be able to collect the water sample directly from your outside water spigot. We have to collect the water sample from an unfiltered and unsoftened spigot after a 20 minute water purge is conducted.

Please contact me as soon as possible at 847/294-4079; I would like to discuss this with you further. Please fill out the attached private well sampling access form and FAX it to my attention at 847/294-4083, or mail it to me at the below listed address, or return it to me the day your water is sampled. If your not home you can tape the form to your front door.

Illinois EPA – Bureau of Land
Attention: Thomas Rivera
9511 W. Harrison, 3rd floor
Des Plaines, IL 60016

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASEABLE

Sincerely,

NOV 27 2013

REVIEWER: EMI

Thomas A. Rivera
Project Manager
Field Operations Section
Bureau of Land

R 002576

For Agency Use Only

WELL ID#: _____

Sample Date _____ Sampler Initials _____

To Be Completed by Resident

~~CONFIDENTIAL~~

Marengo, IL PRIVATE WELL SAMPLING ACCESS

(Please make corrections here if label is incorrect)

NAME: _____ -label- _____

ADDRESS: _____

PUBLIC WATER? _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in.

PRIVATE WELL?

RESIDENTS: _____ Adults (over age 18); _____ Children (Ages: _____)
Expectant Mother? _____

TELEPHONE: (Home: _____ / _____); (Work: _____ / _____)
Best time to call _____

Well Location, relative to house? _____ DEPTH of WELL? _____

Do you make use of the well water for:
DRINKING? _____ Yes _____ No
COOKING? _____ Yes _____ No
BATHING? _____ Yes _____ No

Do you use BOTTLED WATER? _____ Yes _____ No

Do you use a WHOLE-HOUSE filter? _____ Yes _____ No: Type - Fabric (for particles) _____
Other (kitchen only, etc.)- _____ Activated charcoal _____

Do you use a WATER SOFTENER? _____ Yes _____ No

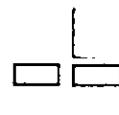
Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? _____ Yes _____ No

Where is it? _____
(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): _____

Permission To Sample Well? _____ Yes _____ No

Date _____ Signature _____



ATTACHMENT K – PRIVATE RESPONSE LETTERS



Agency ID: 170000116265

Media File Type LAND

Bureau ID: 1110650003

Site Name: Arnold Magnetic Technologies

Site Address1: 300 N West St

Site Address2:

Site City: Marengo

State: IL

Zip: 60152-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Redaction

Exempt Doc #: 22

Document Date: 11/18/2013

Staff: EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 9 -- ATTACHMENT K

Category ID: 31A

Category Description: SITE REMEDIATION - TECHNICAL

Exempt Type: Redaction

Permit ID:

Date of Determination: 12/2 /2013

For Agency Use Only

Thomas Rivera
Illinois EPA - BOL

WELL ID#: _____

Sample Date _____ Sampler Initials _____

To Be Completed by Resident

~~CONFIDENTIAL~~ MED

PRIVATE WELL SAMPLING ACCESS

(Please make corrections here if label is incorrect)

NAME: _____ -label- _____

ADDRESS: _____

PUBLIC WATER? _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in.

PRIVATE WELL?

RESIDENTS: Adults (over age 18); _____ Children (Ages: _____)
Expectant Mother? _____

TELEPHONE: (Home: _____); (Work: _____)
Best time to call after _____ est. _____

Well Location, relative to house? South side of house DEPTH of WELL? 118 ft.

Do you make use of the well water for:
DRINKING? Yes _____ No
COOKING? Yes _____ No
BATHING? Yes _____ No

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RELEASABLE

NOV 27 2013

Do you use BOTTLED WATER? _____ Yes No

Do you use a WHOLE-HOUSE filter? _____ Yes No; Type - Fabric (for particles) _____
Other (kitchen only, etc.) _____ Activated charcoal _____

Do you use a WATER SOFTENER? Yes _____ No

Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? Yes _____ No

Where is it? back of house, left of stairs (larger spigot)

(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): _____

Permission To Sample Well? Yes _____ No

Date 5-23-08

Signature _____

For Agency Use Only
Thomas Rivera
Illinois EPA - BOL

WELL ID#: _____
Sampler Initials _____

Sample Date _____

To Be Completed by Resident

CONFIDENTIAL *MRD*
PRIVATE WELL SAMPLING ACCESS

(Please make corrections here if label is incorrect)

NAME: _____ -label- _____
ADDRESS: _____

PUBLIC WATER? _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in

PRIVATE WELL?

RESIDENTS: Adults (over age 18); Children (Ages: _____)
Expectant Mother?

TELEPHONE: (Home: _____) *CELL*
Best time to call _____ (Works: _____)

Well Location, relative to house? *54' EAST of back behind garage* DEPTH of WELL? *70'*

Do you make use of the well water for:
DRINKING? Yes _____ No
COOKING? Yes _____ No
BATHING? Yes _____ No
Do you use BOTTLED WATER? Yes _____ No
Do you use a WHOLE-HOUSE filter? _____ Yes No; Type - Fabric (for particles) _____
Other (kitchen only, etc.)- _____ Activated charcoal _____
Do you use a WATER SOFTENER? Yes _____ No
Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? Yes _____ No

Where is it? *4' north of well pump*
(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): *additional spigots near greenhouse*
100 ft north of well.

Permission To Sample Well? Yes _____ No
Date *May 13, 2008* Signature _____

For Agency Use Only
Thomas Rivera
Illinois EPA - BOL

WELL ID#: _____
Sampler Initials _____

Sample Date _____

To Be Completed by Resident

~~CONFIDENTIAL~~ *NEED*

PRIVATE WELL SAMPLING ACCESS

(Please make corrections here if label is incorrect)

NAME: [REDACTED]

ADDRESS: [REDACTED]

PUBLIC WATER? _____

NOTE: If you have public water, no need to complete the rest of the form. Just mail it in.

PRIVATE WELL? Yes

RESIDENTS: [REDACTED] Adults (over age 18); _____ Children (Ages: _____)
Expectant Mother? _____

TELEPHONE: (Home: [REDACTED]) (Work: [REDACTED])
Best time to call after [REDACTED] my cell phone

Well Location, relative to house? South side of house DEPTH of WELL? 180

Do you make use of the well water for:
DRINKING? Yes No

COOKING? Yes No

BATHING? Yes No

Do you use BOTTLED WATER? Yes No

Do you use a WHOLE-HOUSE filter? Yes No; Type - Fabric (for particles) _____
Other (kitchen only, etc.)- _____ Activated charcoal _____

Do you use a WATER SOFTENER? Yes No

Is there an OUTSIDE, Unfiltered/Unsoftened Spigot/Tap? Yes No

Where is it? back of our house

(If you have no outside spigot/tap that we can access, we will contact you to make other arrangements).

COMMENTS (Dog/Locked Gate, Etc.): [REDACTED] is

[REDACTED] up.

Permission To Sample Well? Yes No

Date 5/27/08 Signature [REDACTED]

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT L – OFF-SITE SAMPLING ANALYTICAL (JUNE-2008)



Agency ID: 170000116265

Media File Type LAND

Bureau ID: 1110650003

Site Name: Arnold Magnetic Technologies

Site Address1: 300 N West St

Site Address2:

Site City: Marengo

State: IL

Zip: 60152-

This record has been determined to be partially or wholly exempt from public disclosure

Exemption Type:

Redaction

Exempt Doc #: 23

Document Date: 11/18/2013

Staff: EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 9 -- ATTACHMENT L

Category ID: 31A

Category Description: SITE REMEDIATION - TECHNICAL

Exempt Type: Redaction

Permit ID:

Date of Determination:

12/2 /2013

Bill Lennon

From: Rivera, Thomas [Thomas.Rivera@Illinois.gov]
Sent: Monday, July 07, 2008 10:00 AM
To: Baughman, Tom
Cc: Bill Lennon; Katamay, Karen; Zook, Tim; john daley; mary@mprealty.net
Subject: ~~CONFIDENTIAL INFORMATION~~ - Review of Private Well Sample Results (Marengo)
Attachments: Private Well Analytical.pdf *meo*

Hi Tom,

Attached are sample results for 3 residential private well water samples that **Environmental Group Services Limited** and I collected on June 19, 2008, for the purpose of checking if VOC groundwater impacts have occurred from a nearby Manufacturing site. Please review the results and report your review information to the residences in writing, see the below list of addresses and names with the corresponding sample numbers. Please attach the appropriate sample results to your letters and disregard the trip blank sample results, chain of custody form and QC results. Please copy Sarah Berg at the McHenry County Public Health Department on the letters and attached sample results. Sarah's is the lead groundwater person at the County now. I will copy Environmental Group Services Limited on the letters, via e-mail, when I receive my copy from you.

Thank You and here is the necessary information. As always, I appreciate your help.

Sample IDs: 1 and 1D (duplicate)

[Redacted]
[Redacted]
[Redacted]

Sample ID: 2

[Redacted]
[Redacted]
[Redacted]

Sample ID: 3

[Redacted]
[Redacted]
[Redacted]

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASED

NOV 27 2013

REVIEWER: EMI

Thomas Rivera

Illinois EPA | Bureau of Land

Field Operation Section, Third Floor

9511 Harrison Street

Des Plaines, Illinois 60016

Office: 847/294-4079 | Fax: 847/294-4083

ANALYTICAL REPORT

Job Number: 500-12141-1

Job Description: Marengo – Drinking Water VOCs

For:

Environmental Group Services Ltd
557 West Polk Street
Suite 201
Chicago, IL 60607
Attention: Bill Lennon

Margaret Kniest

Margaret Kniest
Project Manager II
margaret.kniest@testamericainc.com
06/30/2008

These test results meet all the requirements of NELAC for accredited parameters.

The Lab Certification ID# is 100201.

All questions regarding this test report should be directed to the TestAmerica Project Manager whose signature appears on this report. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Job Narrative
500-J12141-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

No analytical or quality issues were noted.

EXECUTIVE SUMMARY - Detections

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
----------------------------------	-------------------------	---------------------------	----------------------------	--------------	---------------

No Detections

METHOD SUMMARY

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Purgeable Organic Compounds in Water by GC/MS	TAL SAV	EPA-DW 524.2	

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

METHOD / ANALYST SUMMARY

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Method	Analyst	Analyst ID
EPA-DW 524.2	Jakubsen, Melanie	MJ

SAMPLE SUMMARY

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
500-12141-1	1	Water	06/19/2008 0900	06/20/2008 1407
500-12141-2	1-D	Water	06/19/2008 0930	06/20/2008 1407
500-12141-3	2	Water	06/19/2008 0935	06/20/2008 1407
500-12141-4	3	Water	06/19/2008 1005	06/20/2008 1407
500-12141-5	TB	Water	06/19/2008 1015	06/20/2008 1407

SAMPLE RESULTS

Analytical Data

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: 1-D

Lab Sample ID: 500-12141-2

Date Sampled: 06/19/2008 0930

Client Matrix: Water

Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u062959.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 06/30/2008 0340

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50
Surrogate	%Rec		Acceptance Limits
1,2-Dichlorobenzene-d4	84		70 - 130
4-Bromofluorobenzene	87		70 - 130

Analytical Data

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: 3

Lab Sample ID: 500-12141-4

Date Sampled: 06/19/2008 1005

Client Matrix: Water

Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method:	524.2	Analysis Batch: 680-110309	Instrument ID: GC/MS Volatiles - U
Preparation:	N/A		Lab File ID: u062961.d
Dilution:	1.0		Initial Weight/Volume: 5 mL
Date Analyzed:	06/30/2008 0423		Final Weight/Volume: 5 mL
Date Prepared:	N/A		

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50
Surrogate	%Rec		Acceptance Limits
1,2-Dichlorobenzene-d4	85		70 - 130
4-Bromofluorobenzene	86		70 - 130

Analytical Data

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Client Sample ID: TB

Lab Sample ID: 500-12141-5

Date Sampled: 06/19/2008 1015

Client Matrix: Water

Date Received: 06/20/2008 1407

524.2 Purgeable Organic Compounds in Water by GC/MS

Method: 524.2

Analysis Batch: 680-110309

Instrument ID: GC/MS Volatiles - U

Preparation: N/A

Lab File ID: u062950.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Date Analyzed: 06/30/2008 0043

Final Weight/Volume: 5 mL

Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50
Surrogate	%Rec		Acceptance Limits
1,2-Dichlorobenzene-d4	83		70 - 130
4-Bromofluorobenzene	87		70 - 130

QUALITY CONTROL RESULTS

Quality Control Results

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

QC Association Summary

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Report Basis</u>	<u>Client Matrix</u>	<u>Method</u>	<u>Prep Batch</u>
GC/MS VOA					
Analysis Batch:680-110309					
LCS 680-110309/9	Lab Control Spike	T	Water	524.2	
MB 680-110309/10	Method Blank	T	Water	524.2	
500-12141-1	1	T	Water	524.2	
500-12141-2	1-D	T	Water	524.2	
500-12141-3	2	T	Water	524.2	
500-12141-4	3	T	Water	524.2	
500-12141-5	TB	T	Water	524.2	

Report Basis

T = Total

Quality Control Results

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Surrogate Recovery Report

524.2 Purgeable Organic Compounds in Water by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample ID	12DCB %Rec	BFB %Rec
500-12141-1	1	86	86
500-12141-2	1-D	84	87
500-12141-3	2	86	88
500-12141-4	3	85	86
500-12141-5	TB	83	87
MB 680-110309/10		85	87
LCS 680-110309/9		98	97

Surrogate	Acceptance Limits
12DCB = 1,2-Dichlorobenzene-d4	70-130
BFB = 4-Bromofluorobenzene	70-130

Quality Control Results

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Method Blank - Batch: 680-110309

Method: 524.2
Preparation: N/A

Lab Sample ID: MB 680-110309/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/30/2008 0023
Date Prepared: N/A

Analysis Batch: 680-110309
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq062912.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,2,4-Trichlorobenzene	ND		0.50
cis-1,2-Dichloroethene	ND		0.50
Xylenes, Total	ND		0.50
Methylene Chloride	ND		0.50
1,2-Dichlorobenzene	ND		0.50
1,4-Dichlorobenzene	ND		0.50
Vinyl chloride	ND		0.50
1,1-Dichloroethene	ND		0.50
trans-1,2-Dichloroethene	ND		0.50
1,2-Dichloroethane	ND		0.50
1,1,1-Trichloroethane	ND		0.50
Carbon tetrachloride	ND		0.50
1,2-Dichloropropane	ND		0.50
Trichloroethene	ND		0.50
1,1,2-Trichloroethane	ND		0.50
Tetrachloroethene	ND		0.50
Chlorobenzene	ND		0.50
Benzene	ND		0.50
Toluene	ND		0.50
Ethylbenzene	ND		0.50
Styrene	ND		0.50
Methyl tert-butyl ether	ND		0.50
Surrogate	% Rec	Acceptance Limits	
1,2-Dichlorobenzene-d4	85	70 - 130	
4-Bromofluorobenzene	87	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Lab Control Spike - Batch: 680-110309

Method: 524.2
Preparation: N/A

Lab Sample ID: LCS 680-110309/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 06/29/2008 2324
Date Prepared: N/A

Analysis Batch: 680-110309
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq062911.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	21.1	106	70 - 130	
cis-1,2-Dichloroethene	20.0	18.6	93	70 - 130	
Methylene Chloride	20.0	18.3	92	70 - 130	
1,2-Dichlorobenzene	20.0	20.4	102	70 - 130	
1,4-Dichlorobenzene	20.0	20.4	102	70 - 130	
Vinyl chloride	20.0	18.2	91	70 - 130	
1,1-Dichloroethene	20.0	19.2	96	70 - 130	
trans-1,2-Dichloroethene	20.0	18.2	91	70 - 130	
1,2-Dichloroethane	20.0	19.1	95	70 - 130	
1,1,1-Trichloroethane	20.0	19.3	96	70 - 130	
Carbon tetrachloride	20.0	20.4	102	70 - 130	
1,2-Dichloropropane	20.0	19.2	96	70 - 130	
Trichloroethene	20.0	18.1	90	70 - 130	
1,1,2-Trichloroethane	20.0	19.1	95	70 - 130	
Tetrachloroethene	20.0	20.0	100	70 - 130	
Chlorobenzene	20.0	20.4	102	70 - 130	
Benzene	20.0	18.7	94	70 - 130	
Toluene	20.0	19.1	96	70 - 130	
Ethylbenzene	20.0	19.0	95	70 - 130	
Styrene	20.0	20.4	102	70 - 130	
Methyl tert-butyl ether	16.0	14.8	93	70 - 130	
Surrogate			% Rec	Acceptance Limits	
1,2-Dichlorobenzene-d4			98	70 - 130	
4-Bromofluorobenzene			97	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

University Park, IL 60466
 2417 Bond Street
 phone 708.534.5300 fax 708.534.5363

Chain of Custody Record

500-12141



TestAmerica Laboratories, Inc.

Client Contact: **EGSL**
 Project Manager: **BSL**
 557 West Polk Street - Suite 201
 Chicago, Illinois 60613
 (312) 447-1200
 (312) 447-0922 FAX
 Project Name: **Marengo**
 Site: **Marengo**
 P.O.#

Project Manager: **BSL**
 Tel/Fax: **312-447-1200 x15**
 Analysts Turnaround Time
 Calendar (C) or Work Days (W)
 7AT if different than Below
 2 weeks
 1 week
 2 days
 1 day

Site Contact: _____ Date: _____
 Lab Contact: _____ Carrier: _____
 COC No: _____ of _____ COCs
 Job No. _____
 SDG No. _____

Sample Identification	Sample Date	Sample Time	Sample Type	Method	# of Cont.	Lab Contact	Carrier	SDG No.
1	6/19	9:00	W	W	3	X		
1-D		9:00			3	X		
2		9:35			3	X		
3		10:05			3	X		
4								
5		10:15			1	X		
TR								

Preservation Used: 1- Ice; 2- IIC; 3- H2SO4; 4-HNO3; 5- NaOH; 6- Other _____
 Possible Hazard Identification: Non-Hazard Flammable Skin Irritant
 Special Instructions/QC Requirements & Comments: Polon B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
 Return To Client Disposed By Lab Archive For _____ Months

Relinquished by: _____ Company: **EGSL** Date/Time: **6/19/00** Received by: _____ Date/Time: _____
 Relinquished by: _____ Company: **J/A** Date/Time: **6/20** Received by: _____ Date/Time: _____
 Relinquished by: _____ Company: _____ Date/Time: _____ Received by: _____ Date/Time: _____

Relinquished by: _____ Company: **J/A** Date/Time: **6/19/00** Received by: _____ Date/Time: _____
 Relinquished by: _____ Company: **TestAmerica** Date/Time: **06/20/00** Received by: _____ Date/Time: _____

Login Sample Receipt Check List

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

Login Number: 12141
Creator: Kelsey, Shawn M
List Number: 1

List Source: TestAmerica Chicago

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		

Login Sample Receipt Check List

Client: Environmental Group Services Ltd

Job Number: 500-12141-1

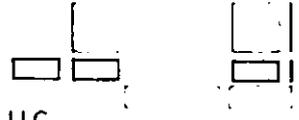
Login Number: 12141
Creator: Conner, Keaton
List Number: 1

List Source: TestAmerica Savannah
List Creation: 06/24/08 05:01 PM

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT M – OFF-SITE ANALYTICAL (MARCH-2011)

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATInfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-

April 07, 2011

Environmental Group Services, Ltd.

557 W. Polk

Chicago, IL 60610

Telephone: (312) 447-1200

Fax: (312) 447-0922

RE: Marengo Private

STAT Project No 11030902

Dear Bill Lennon:

STAT Analysis received 3 samples for the referenced project on 3/31/2011 5:10:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Craig Chawla

Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

R 002608

Client: Environmental Group Services, Ltd.
Project: Marengo Private
Lab Order: 11030902

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
11030902-001A	MW-22110		3/31/2011 1:00:00 PM	3/31/2011
11030902-002A	MW-22104		3/31/2011 1:30:00 PM	3/31/2011
11030902-003A	MW-22012		3/31/2011 2:00:00 PM	3/31/2011

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22110
Lab Order:	11030902	Tag Number:	
Project:	Marengo Private	Collection Date:	3/31/2011 1:00:00 PM
Lab ID:	11030902-001A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)		Prep Date:		Analyst: EJM	
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

HT - Sample received past holding time

* - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

H - Holding time exceeded

R 002610

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22104
Lab Order:	11030902	Tag Number:	
Project:	Marengo Private	Collection Date:	3/31/2011 1:30:00 PM
Lab ID:	11030902-002A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS	SW8260B (SW5030B)		Prep Date:		Analyst: EJM	
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter

RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

R 002611

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202

Report Date: April 07, 2011

Print Date: April 07, 2011

Client:	Environmental Group Services, Ltd.	Client Sample ID:	MW-22012
Lab Order:	11030902	Tag Number:	
Project:	Marengo Private	Collection Date:	3/31/2011 2:00:00 PM
Lab ID:	11030902-003A	Matrix:	Aqueous

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW8260B (SW5030B)				
						Prep Date: Analyst: EJJ
Acetone	ND	0.02		mg/L	1	4/1/2011
Benzene	ND	0.005		mg/L	1	4/1/2011
Bromodichloromethane	ND	0.005		mg/L	1	4/1/2011
Bromoform	ND	0.005		mg/L	1	4/1/2011
Bromomethane	ND	0.01		mg/L	1	4/1/2011
2-Butanone	ND	0.02		mg/L	1	4/1/2011
Carbon disulfide	ND	0.01		mg/L	1	4/1/2011
Carbon tetrachloride	ND	0.005		mg/L	1	4/1/2011
Chlorobenzene	ND	0.005		mg/L	1	4/1/2011
Chloroethane	ND	0.01		mg/L	1	4/1/2011
Chloroform	ND	0.005		mg/L	1	4/1/2011
Chloromethane	ND	0.01		mg/L	1	4/1/2011
Dibromochloromethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
cis-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
trans-1,2-Dichloroethene	ND	0.005		mg/L	1	4/1/2011
1,2-Dichloropropane	ND	0.005		mg/L	1	4/1/2011
cis-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
trans-1,3-Dichloropropene	ND	0.001		mg/L	1	4/1/2011
Ethylbenzene	ND	0.005		mg/L	1	4/1/2011
2-Hexanone	ND	0.02		mg/L	1	4/1/2011
4-Methyl-2-pentanone	ND	0.02		mg/L	1	4/1/2011
Methylene chloride	ND	0.005		mg/L	1	4/1/2011
Methyl tert-butyl ether	ND	0.005		mg/L	1	4/1/2011
Styrene	ND	0.005		mg/L	1	4/1/2011
1,1,2,2-Tetrachloroethane	ND	0.005		mg/L	1	4/1/2011
Tetrachloroethene	ND	0.005		mg/L	1	4/1/2011
Toluene	ND	0.005		mg/L	1	4/1/2011
1,1,1-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
1,1,2-Trichloroethane	ND	0.005		mg/L	1	4/1/2011
Trichloroethene	ND	0.005		mg/L	1	4/1/2011
Vinyl chloride	ND	0.002		mg/L	1	4/1/2011
Xylenes, Total	ND	0.015		mg/L	1	4/1/2011

Qualifiers:	ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
	J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
	HT - Sample received past holding time	E - Value above quantitation range
	* - Non-accredited parameter	H - Holding time exceeded

Sample Receipt Checklist

Client Name EGSL

Date and Time Received: 3/31/2011 5:10:00 PM

Work Order Number 11030902

Received by: JJM

Checklist completed by:

[Handwritten Signature]

Date

3/31/11

Reviewed by:

[Handwritten Initials]

Initials

4/1/11

Date

Matrix:

Carrier name STAT Analysis

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present
- Custody seals intact on sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels/containers? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No
- Container or Temp Blank temperature in compliance? Yes No Temperature 2.1 °C
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Samples pH checked? Yes No Checked by:
- Water - Samples properly preserved? Yes No pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

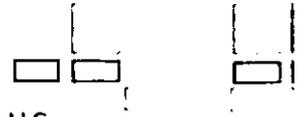
Date contacted:

Contacted by:

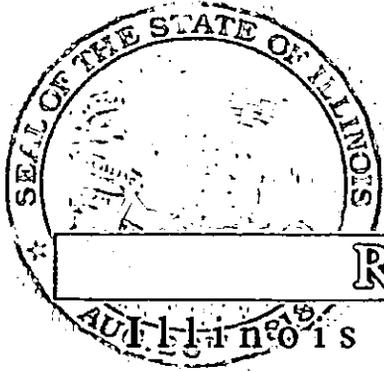
Response:

Right-to-Know Response Report

LPC# 1110650003 – McHenry County / Marengo – Arnold Magnetic Technologies / 300 West LLC



ATTACHMENT N – PRIVATE WELL SEARCH RESULTS



NEWS

R E L E A S E

Illinois Department of Public Health

FOR IMMEDIATE RELEASE

September 9, 2010

CONTACT:

Melaney Arnold 217/558.0500 (IDPH)

Maggie Carson 217/558.1536 (IEPA)

www.idph.state.il.us

State Health Department Recommends Water Well Testing for Private Wells Near Marengo

SPRINGFIELD - The Illinois Department of Public Health (IDPH) is advising residents who obtain their drinking water from private wells in the Marengo (McHenry County) area to test their water for possible groundwater contamination. Routine testing of Marengo's community water supply wells by the Illinois Environmental Protection Agency (IEPA) indicates contaminants could be present in the area's private wells.

The contaminants benzene and methyl tert-butyl ether (MTBE) were detected at levels lower than the Illinois Groundwater Standard. Although the contaminants' levels were lower than the standard, this is the same groundwater that serves private wells and it is possible the levels of the contaminants may be higher in private wells.

Residents with private wells located within the area (map below) north of U.S. 20, east of Illinois 23, south of the Kishwaukee River, and west of the Marengo eastern city limits are encouraged to have their water tested for volatile organic compounds by a private laboratory.

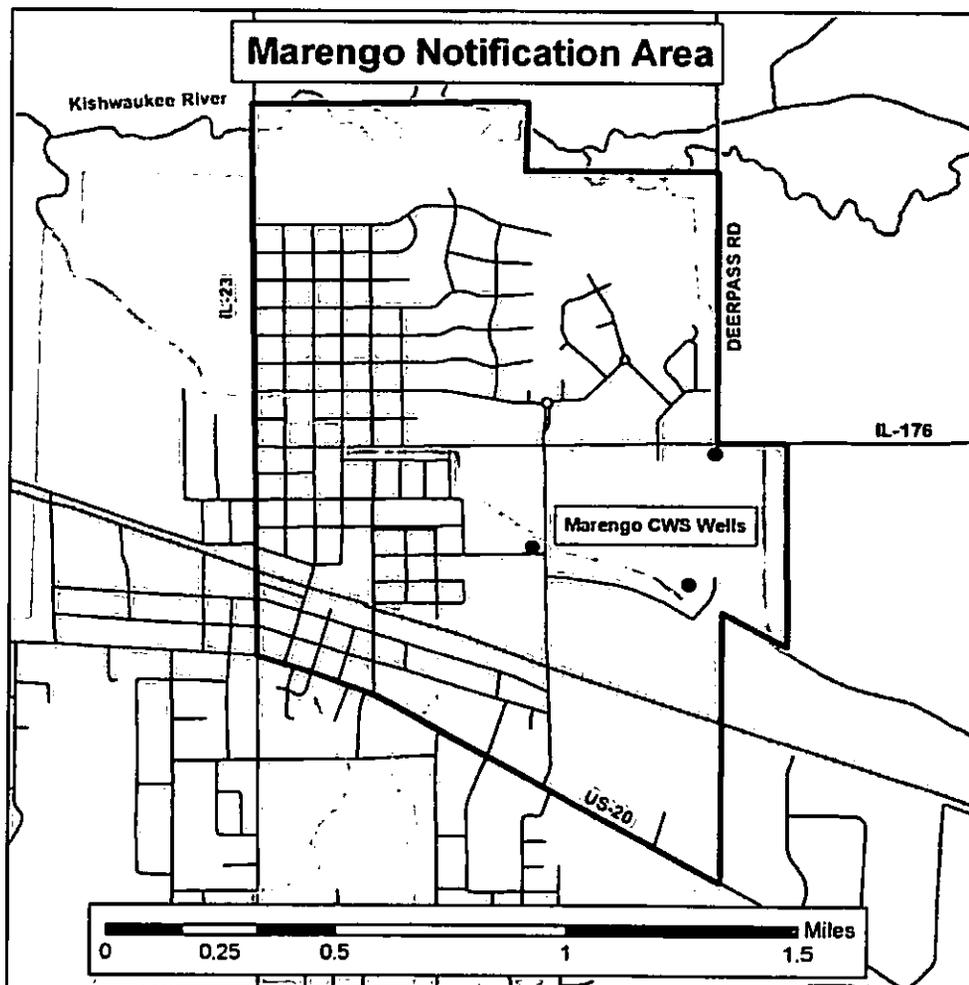
For a list of laboratories certified to analyze drinking water for volatile organic compounds, interpretation of test results, contaminant health effects information, and recommendations for individuals who regularly consume well water, contact Joe O'Connor, IDPH West Chicago Regional Office, 245 West Roosevelt Road, Bldg 5, West Chicago, IL. 60185, phone (630) 293-6800 or joe.o'connor@illinois.gov.

The risk of adverse health effects depends on the levels of contaminants in the water and the length of exposure. Long-term exposure to these chemicals may result in an increased health risk to the liver and kidneys.

-more-

No violations of State of Illinois or federal drinking water standards have occurred in Marengo's community water supply. For information concerning the community water supply contact Dean Studer at 217-558-8280 or via email at dean.studer@illinois.gov

This information has been compiled from historic data and is provided to the public to ensure full disclosure of state records.



###



Agency ID: 170000116265

Media File Type LAND

Bureau ID: 1110650003

Site Name: Arnold Magnetic Technologies

Site Address1: 300 N West St

Site Address2:

Site City: Marengo

State: IL

Zip: 60152-

**This record has been determined to
be partially or wholly exempt from
public disclosure**

Exemption Type:

Portion Removed

Exempt Doc #: 25

Document Date: 11/18/2013

Staff: EMI

Document Description: FOCUSED SITE INVESTIGATION REPORT - VOL 9 -- ATTACHMENT N

Category ID: 31A

Category Description: SITE REMEDIATION - TECHNICAL

Exempt Type: Portion Removed

Permit ID:

Date of Determination: 12/2 /2013

Municipality: Marengo

County: McHenry

LPC Number:

OC: 00083007

ORDINANCE NO. 00- 5-1

ORDINANCE PROHIBITING THE USE OF GROUNDWATER AS A POTABLE WATER SUPPLY BY THE INSTALLATION OR USE OF POTABLE WATER SUPPLY WELLS OR BY ANY OTHER METHOD

WHEREAS, certain property in the City of Marengo, located McHenry County in the State of Illinois, with the common addresses of 536 North State Street, 600 North State Street, and 602 North State Street, and legally described in Exhibit A, and all property within a 2500 feet radius of these properties, as fully described and shown as Exhibit B hereto and hereinafter referred to as the "Affected Area," has been used over a period of time for commercial/industrial purposes; and

WHEREAS, because of said use concentrations of certain chemicals constituents in the groundwater beneath the City may exceed Class I groundwater quality standards for potable resource groundwater as set forth in 35 Illinois Administrative Code 620 or Tier 1 residential remediation objectives as set forth in 35 Illinois Administrative Code 742; and

WHEREAS, the City of Marengo currently has an ordinance requiring mandatory hookup to the City's water supply system, Ordinance No. 92-7-2, passed and approved July 13, 1992; and

WHEREAS, the City of Marengo desires to further limit potential threats to human health from groundwater contamination while facilitating the redevelopment and productive use of properties that are the source of said chemical constituents;

NOW, THEREFORE, BE IT ORDAINED by the City Council of Marengo, McHenry County, Illinois, as follows:

Section One: Recitals.

The recitals set forth above are incorporated by reference as if fully set forth and they are hereby made an integral part of this ordinance.

Section Two: Use of Groundwater as a Potable Water Supply Prohibited by the Installation of New Wells.

The use or attempt to use as a potable water supply, groundwater from within the Affected Area, by the installation or drilling of wells or by any other method is hereby prohibited, except at points of withdrawal by the City within the Affected Area. This ordinance shall not prohibit the continued use of wells within the Affected Area in operation on the effective date of this ordinance, only the installation of new wells within Affected Area from the effective date of this ordinance forward.

Section Three: Penalties.

Any person violating the provisions of this ordinance shall be subject to a fine of not less than \$25.00 and not more than \$500.00 per day for each day said person is deemed to be in violation of this ordinance.

Section Four: Definitions.

1. "Person" is any individual, partnership, co-partnership, firm, company, limited liability company, corporation, association, joint stock company, trust, estate, political subdivision, or any other legal entity, or their legal representatives, agents, or assigns.

2. "Potable water" is any water used for human or domestic consumption, including, but not limited to, water used for drinking, bathing, swimming, washing dishes, or preparing foods.

Section Five: Repealer.

All ordinances, including but not limited to City of Marengo Ordinance No. 92-7-2, or parts of ordinances in conflict with this ordinance are hereby repealed insofar as they are in conflict with this ordinance.

Section Six: Severability.

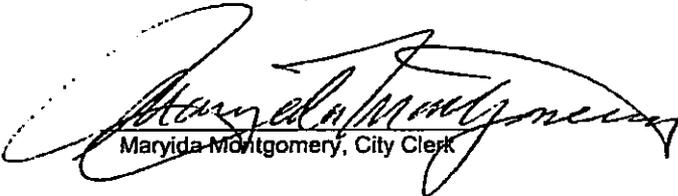
If any provision of this ordinance or its application to any person or under any circumstances is adjudged invalid, such adjudication shall not affect the validity of the ordinance as a whole or of any portion not adjudged invalid.

CERTIFICATE

I, MARYIDA MONTGOMERY, DO HEREBY CERTIFY that I am the duly qualified and serving City Clerk and as such am the keeper of the books and records of the City Council of Marengo, McHenry County, Illinois; and

I DO FURTHER CERTIFY that the above attached Ordinance 00-5-1, An ORDINANCE PROHIBITING THE USE OF GROUNDWATER AS A POTABLE WATER SUPPLY BY THE INSTALLATION OR USE OF POTABLE WATER SUPPLY WELLS OR BY ANY OTHER METHOD is a true and correct copy of said Ordinance which was passed by the City Council of Marengo, McHenry County, Illinois, on May 8, 2000.

Dated this 13th day of July, 2000


Maryida Montgomery, City Clerk

[SEAL]

ON 10:21
00 9:49 AM

From: John Jennings

Fax #: (815) 568-8775

Page 2 of 2

P. 02

PLAT OF SURVEY

JOHN JENNINGS
PROFESSIONAL LAND SURVEYOR
515 N. HALE STREET
MARENGO, ILLINOIS 60152
PH. (815) 568-8775

That part of the Southeast Quarter of Section 26, and of the Northeast Quarter of Section 35, Township 44 North, Range 5 East of the Third Principal Meridian, described as follows: Commencing at the Southeast corner of said Section 26, and running thence North along the East line thereof 4 rods; thence West parallel with the South line of said Section, 18 rods; thence South parallel with the East line of said Sections 26 and 35, 6 rods; thence East parallel with the North line of said Section 35, 18 rods to the East line of said Section 35; thence North along the said East line, 2 rods to the place of beginning, in McHenry County, Illinois.

ALSO:

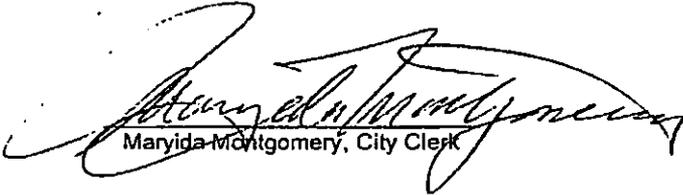
That part of the Southeast Quarter of the Southeast Quarter of Section 26, Township 44 North, Range 5 East of the Third Principal Meridian, described as follows: Commencing on the East line of said Section 26 at a point 4 rods North of the Southeast corner of said Section; thence North along the said East line 4 rods; thence West parallel with the South line of said Section 26, 18 rods; thence South parallel with the East line of said Section 26, 4 rods; thence East parallel with the South line of said Section, 18 rods to the place of beginning, situated in the City of Marengo, McHenry County, Illinois.



CERTIFICATE

I, MARYIDA MONTGOMERY, DO HEREBY CERTIFY that I am the duly qualified and serving City Clerk and as such am the keeper of the books and records of the City Council of Marengo, McHenry County, Illinois; and I DO FURTHER CERTIFY that the above attached Ordinance 00-5-1, An ORDINANCE PROHIBITING THE USE OF GROUNDWATER AS A POTABLE WATER SUPPLY BY THE INSTALLATION OR USE OF POTABLE WATER SUPPLY WELLS OR BY ANY OTHER METHOD is a true and correct copy of said Ordinance which was passed by the City Council of Marengo, McHenry County, Illinois, on May 8, 2000.

Dated this 13th day of July, 2000


Maryida Montgomery, City Clerk

[SEAL]

CONSENT AGENDA

The following items were brought up for approval:

- A. Approval of Minutes for April 24, 2000 C.O.W. Meeting and April 10, 2000 City Council Minutes.
- B. Approval of Spectrum Contract.
- C. Approval of Environmental Technology & Assessment Contract.
- D. Authorization for Mayor to sign COPS Agreement.
- E. Authorization for Attorney to do codification.
- F. Approval for Legion to use City Hall for their "Poppy Days."
- G. Approval for Chamber to sell raffle tickets.

A motion was made by Alderman Remke and seconded by Alderman Keenum to approve the consent agenda with a "yes" vote by all. Alderman Brandt requested that an addendum be added to the April 10, 2000 City Council minutes to read that he abstained from the Brandt Bros. Oil bill.

APPROVAL OF BILLS FOR PAYMENT

Approval was given to pay the bills with a few questions.

OLD BUSINESS

A. An ordinance prohibiting the use of Groundwater as a potable water supply. After some discussion the ordinance stating a radius of 2500 feet from the corner of Rts. 23 and 176 : will not be allowed to drill a new well but must hook up to city water, was passed with a motion by Alderman Remke and a second by Alderman Hammortree. This ordinance is number 00-05-01. All voted "yes".

 Attorney McArdle recommended that the Mayor sign a Memorandum of Understanding that would exempt the City of Marengo from Ordinance 00-05-01 was moved by Alderman Peacock with a second by Alderman Keenum and a "yes" vote by all.

B. Northwest Pallet was deferred to Executive Session.

C. Harold Warren could not make the meeting tonight to discuss the bonding issue, so he has been asked to appear at the May C.O.W. meeting.

OFFICER AND STAFF REPORTS

The Treasurer's report, the Engineer's report and the Attorney's report was given with a few minor questions. The attorney brought up a project which will be brought up later in the Zecchin subdivision. Mr. Zecchin was present and his engineer, Mr. Loeppert. Mr. Loeppert presented to the council a rough concept map on what Mr. Zecchin would like to do with the property he

R 002628

Attachment C

EXHIBIT

R 002628

MEMORANDUM OF UNDERSTANDING BETWEEN THE CITY OF MARENGO
AND THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY REGARDING THE
USE OF A LOCAL GROUNDWATER OR WATER WELL ORDINANCE AS AN
ENVIRONMENTAL INSTITUTIONAL CONTROL

I. PURPOSE AND INTENT

- A. This Memorandum of Understanding ("MOU") between the City of Marengo (the "City") and the Illinois Environmental Protection Agency ("Illinois EPA") is entered into for the purpose of satisfying the requirements of 35 Ill. Adm. Code 742.1015 for the use of groundwater or water well ordinances as environmental institutional controls. The Illinois EPA has reviewed the City's groundwater or water well ordinance, Ordinance No. 00 - 5-1____ (the "Ordinance")(Attachment A) and determined that the Ordinance prohibits the use of groundwater for potable purposes and/or the installation and use of new potable water supply wells by private entities but does not expressly prohibit those activities by the City itself. In such cases, 35 Ill. Adm. Code 742.1015(a) provides that the City may enter into an MOU with the Illinois EPA to allow the use of the Ordinance as an institutional control.
- B. The intent of this Memorandum of Understanding is to specify the responsibilities that must be assumed by the City to satisfy the requirements for MOUs as set forth at 35 Ill. Adm. Code 742.1015(i).

II. DECLARATIONS AND ASSUMPTION OF RESPONSIBILITY

In order to ensure the long-term integrity of the Ordinance as an environmental institutional control and that risk to human health and the environment from contamination left in place in reliance on the Ordinance is effectively managed, the City of Marengo hereby assumes the following responsibilities pursuant to 35 Ill. Adm. Code 742.1015(i):

- A. The City will notify the Illinois EPA Bureau of Land of any proposed ordinance changes or requests for variance at least 30 days prior to the date the local government is scheduled to take action on the proposed change or request (35 Ill. Adm. Code 742.1015(i)(4));
- B. The City will maintain a registry of all sites within its corporate limits that have received "No Further Remediation" determinations from the Illinois EPA (35 Ill. Adm. Code 742.1015(i)(5));
- C. The City will review the registry of sites established under paragraph II.B. prior to siting public potable water supply wells within the area covered by the ordinance (35 Ill. Adm. Code 742.1015(i)(6)(A));
- D. The City will determine whether the potential source of potable water has been or may be affected by contamination left in place at the sites traced and reviewed under paragraphs II. B. and C. (35 Ill. Adm. Code 742.1015(i)(6)(B)); and

- E. The City will take action as necessary to ensure that the potential source of potable water is protected from contamination or treated before it is used as a potable water supply (35 Ill. Adm. Code 742.1015(i)(6)(C)).

NOTE: Notification under paragraph II. A. above or other communications concerning this MOU should be directed to:

Manager, Division of Remediation Management
Bureau of Land
Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

III. SUPPORTING DOCUMENTATION

The following documentation is required by 35 Ill. Adm. Code 742.1015(i) and is attached to this MOU:

- A. Attachment A: A copy of City of Marengo Ordinance No. 00 - 5-1 certified by the city clerk that it is the current, controlling law (35 Ill. Adm. Code 742.1015(i)(3));
- B. Attachment B: Identification of the legal boundaries within which the ordinance is applicable (certification by city clerk or other official that the ordinance is applicable everywhere within the corporate limits; if ordinance is not applicable throughout the entire city or village, legal description and map of area showing sufficient detail to determine where ordinance is applicable) (35 Ill. Adm. Code 742.1015(i)(2));
- C. Attachment C: A statement of the authority of the City to enter into this MOU (council resolution, code of ordinances, inherent powers of mayor or other official signing MOU - attach copies) (35 Ill. Adm. Code 742.1015(i)(1)).

IN WITNESS WHEREOF, the lawful representatives of the parties have caused this MOU to be signed as follows:

For: The City of Marengo

BY: Dennis Hammortree
Acting Mayor, Dennis Hammortree

DATE: 5/8/00

FOR: Illinois Environmental Protection Agency

BY: Gary P. King
(Name and title of signatory)

DATE: 9/15/00

APPENDIX L – SOIL BORING LOGS





557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-100

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/03/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Soil		Black organic topsoil.	
0.2	70		1.0' 2.0' 3.0'	Soil		Dark brown clayey soil with crushed rock. Damp	
0.0	95		5.0' 6.0' 7.0'	Sand		Tan medium grained sand with crushed rock. Damp.	
0.0	99		8.0' 9.0' 10.0' 11.0' 12.0' 13.0' 14.0'	Clay			
0.0	99		15.0' 16.0'			Tan silty clay. Moist	
Boring terminated at 17 feet.							

Key:  Sample Submitted for Analysis  Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 17 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-101

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/03/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil.		
0.5	70		1.0'					
			2.0'	Soil		Dark brown clayey soil with crushed rock. Damp		
			3.0'					
			4.0'	Clay		Tan sandy clay. Moist		
			5.0'					
0.0	95		6.0'	Sand		Crushed limestone with tan medium grained sand. Damp.		
			7.0'					
			8.0'	Clay		Tan silty clay. Moist		
			9.0'					
			10.0'					
0.2	99		11.0'	Clay		Tan silty clay. Slight gravel. Moist.		
			12.0'					
			13.0'	Clay		Tan sandy clay. Wet.		
			14.0'					
			15.0'	Boring terminated at 15 feet.				
			16.0'					
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: 14 feet

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-102

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/03/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil.		
0.0	80		1.0'	Clay		Hard black sandy clay. Topsoil.		
			2.0'					
			3.0'	Sand		Brown moist sand.		
			4.0'					
0.0	90		5.0'	Clay		Olive gray mottled silty clay. Dry. Hard.		
			6.0'					
			7.0'	Clay		Brown wet sandy clay with trace gravel.		
			8.0'					
0.2	90		9.0'	Clay		Light brown sandy clay. Moist. Trace gravel.		
			10.0'					
			11.0'	Clay		Light brown sandy clay. Moist. Trace gravel.		
			12.0'					
			13.0'	Clay		Light brown sandy clay. Moist. Trace gravel.		
			14.0'					
			15.0'	Boring terminated at 15 feet.				
			16.0'					
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: not encountered

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.

COVER PAGE

13-55324

1110650003

Arnold Magnetic Technologies

Category: 19C Superfund Technical

Document Date: 11/20/2013

Volume 10 of 10

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Focused Site Investigation Report

THIS PAGE FOR IMAGING PURPOSES



ENVIRONMENTAL GROUP
SERVICES LIMITED
557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-103

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/04/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
			0.0'	Soil		Black organic topsoil.		
0.2	75		1.0'	Silt		Brown sandy silt. Rocks.		
			2.0'	Silt		Brown clayey silt. Rocks.		
			3.0'	Silt		Brown silty clay. Rocks.		
			4.0'	Clay		Brown silty clay. Rocks.		
			5.0'	Clay		Brown silty clay. Rocks.		
0.3	75		8.0'	Silt		Brown clayey silt. Rocks. Pieces of limestone.		
			9.0'	Sand		Brown fine sand.		
			10.0'	Silt		Brown clayey silt. Moist.		
0.2	90		12.0'	Silt		Brown sandy silt Wet.		
			13.0'					
			14.0'					
			15.0'					
			16.0'	Boring terminated at 15 feet.				
			17.0'	Boring terminated at 15 feet.				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: 14 feet

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-104

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/04/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Asphalt		Asphalt underlain by crushed gravel.		
0.2	75		1.0'					
			2.0'					
			3.0'					
			4.0'					
			5.0'	Silt		Brown sandy silt. Rocks.		
0.6	90		6.0'					
			7.0'	Silt		Brown sandy silt. Moist.		
			8.0'					
			9.0'					
			10.0'	Silt		Brown clayey silt. Pebbles.		
0.2	90		11.0'					
			12.0'	Silt		Brown clayey silt. Wet.		
			13.0'					
			14.0'					
			15.0'	Silt		Brown clayey silt. Rocks.		
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: 12 feet

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



ENVIRONMENTAL GROUP
SERVICES LIMITED

557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-105

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/04/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil.		
0.0	75		1.0'					
			2.0'					
			3.0'					
			4.0'					
			5.0'					
			6.0'	Clay		Brown silty clay. Rocks.		
0.0	90		7.0'	Sand		Brown coarse sand.		
			8.0'					
			9.0'					
			10.0'					
			11.0'	Sand		Brown coarse sand. Pebbles.		
0.0	100		12.0'					
			13.0'					
			14.0'					
			15.0'	Silt		Brown sandy silt. Moist		
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

Boring Depth: 15 feet

Groundwater Depth: not encountered

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



ENVIRONMENTAL GROUP
SERVICES LIMITED

557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-106

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/04/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Soil		Black organic topsoil.	
1.8	90		1.0'				
			2.0'	Sand		Brown grey coarse sand. Pebbles.	
			3.0'				
			4.0'				
			5.0'				
2.3	90		6.0'				
			7.0'				
			8.0'				
			9.0'	Silt		Brown grey sandy silt	
			10.0'				
			11.0'	Clay		Brown sandy clay	
0.0	90		12.0'				
			13.0'				
			14.0'				
			15.0'	Clay		Brown sandy clay. Wet.	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: 13 feet

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-107

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/05/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil.		
0.0	90		1.0'					
			2.0'					
			3.0'					
			4.0'	Clay		Brown sandy clay.		
			5.0'					
0.0	75		6.0'	Silt		Brown sandy silt.		
			7.0'					
			8.0'	Clay		Brown sandy clay.		
			9.0'					
			10.0'	Sand		Brown coarse sand.		
			11.0'					
0.0	99		12.0'	Clay		Brown silty clay. Moist.		
			13.0'					
			14.0'	Sand		Brown fine sand.		
			15.0'	Boring terminated at 15 feet.				
			16.0'					
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-108

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/05/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Asphalt		Asphalt underlain by crushed gravel.	
0.4	75		1.0'				
			2.0'	Clay		Brown black clay.	
			4.0'	Clay		Brown clay, pebbles.	
0.4	80		5.0'				
			6.0'				
			8.0'	Silt		Brown sandy silt. Pebbles.	
0.0	99		9.0'				
			10.0'	Silt		Brown clayey silt. Rocks.	
			15.0'	Clay		Brown silty clay. Rocks.	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-109

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/05/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
0.8	80		0.0	Soil		Black organic topsoil	
			1.0	Clay		Black silty clay	
2.1	80		2.0				
			7.0				
			8.0				
0.3	99		9.0	Silt		Brown clayey silt. Pebbles. Moist.	
			10.0				
			11.0	Clay		Brown silty clay.	
			12.0				
			13.0				
			14.0				
			15.0	Silt		Brown sandy silt.	
			16.0	Boring terminated at 15 feet.			
			17.0				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-110

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/05/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete underlain by crushed gravel	
1.6	90		1.0'				
			2.0'	Clay		Grey silty clay.	
			3.0'				
			4.0'				
			5.0'	Sand		Brown fine sand.	
2.2	90		6.0'				
			7.0'	Silt		Brown sandy silt	
			8.0'				
			9.0'	Sand		Brown coarse sand. Wet.	
0.0	99		10.0'				
			11.0'				
			12.0'				
			13.0'				
			14.0'				
			15.0'	Sand		Brown silty sand.	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: 9 feet

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



ENVIRONMENTAL GROUP
SERVICES LIMITED

557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-111

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/06/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Asphalt		Asphalt underlain by crushed gravel	
0.0	90		1.0'	Soil		Black organic soil	
			2.0'				
			3.0'				
			4.0'				
			5.0'	Clay		Brown silty clay	
			6.0'				
0.0	90		7.0'	Sand		Brown coarse sand	
			8.0'	Sand		Brown grey coarse sand	
			9.0'				
			10.0'				
			11.0'				
0.0	90		12.0'	Silt		Brown sandy silt	
			13.0'				
			14.0'	Sand		Brown fine sand	
			15.0'	Clay		Brown silty clay	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Boring Depth: 15 feet

Groundwater Depth:

Geologist: S. Boom

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.
Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-112

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/06/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete underlain by crushed gravel	
0.0	75		1.0'				
			2.0'				
			3.0'				
			4.0'	Sand		Brown fine sand	
			5.0'	Silt		Brown sandy silt	
0.0	75		6.0'				
			7.0'				
			8.0'				
			9.0'	Clay		Brown silty clay. Rocks	
			10.0'	Sand		Brown silty sand. Pebbles	
0.0	90		11.0'				
			12.0'				
			13.0'				
			14.0'				
			15.0'	Silt		Brown clayey silt. Moist	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-113

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/06/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete underlain by crushed gravel	
4.8	90		1.0'				
			2.0'	Sand		Brown coarse sand. Rocks.	
			3.0'				
			4.0'				
			5.0'				
7.9	90		6.0'				
			7.0'				
			8.0'				
			9.0'				
			10.0'				
2.2	90		11.0'				
			12.0'				
			13.0'				
			14.0'				
			15.0'	Clay		Brown silty clay. Rocks. Wet at 14'	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: 14 feet

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-114

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes		
				Concrete		Concrete, underlain by crushed gravel.			
0.1	45		1.0'	Fill		Tan sand and gravel grading to black stained sand - dry.			
			2.0'						
			3.0'						
			4.0'	Clay		Brown silty clay, trace sand - moist, soft.			
			5.0'	Sand		Tan silty clay, trace sand - damp, firm.			
0.0	75		6.0'						
			7.0'					Sandy gravel - moist to wet.	
			8.0'						
			9.0'						
			10.0'						
			11.0'						
0.0	75		12.0'						
			13.0'						
			14.0'			Well graded tan sand - moist to wet.			
			15.0'						
			16.0'	Boring terminated at 15 feet.					
			17.0'						

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-115

Subject Property
 300 West Street
 Marengo, IL

Soil Boring Date
 9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete			
			1.0'	Fill		Concrete, underlain by crushed gravel.	
0.0	50		2.0'	Sand			
			3.0'				
			4.0'				
			5.0'			Dark brown well graded sand, trace gravel.	
0.0	80		8.0'				
			9.0'				
			10.0'				
0.0	100		12.0'	Clay			
			13.0'				
			14.0'			Tan silty clay, trace sand, little gravel - moist, firm to hard with depth.	
			15.0'				
			16.0'			Boring terminated at 15 feet.	
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-116

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Concrete		Floor tile underlain by concrete, underlain by crushed gravel.		
0.0	60		1.0'	Fill		Dark brown silty clay, trace gravel - moist, hard.		
			2.0'					
			3.0'					
			4.0'	Clay		Tan silty clay, trace sand, trace gravel - moist, firm.		
			5.0'					
0.0	85		6.0'	Clay				
			7.0'					
			8.0'					
			9.0'					
			10.0'					
0.2	100		11.0'	Clay				
			12.0'					
			13.0'					
			14.0'					
			15.0'			Tan silty clay, trace sand, trace gravel - moist, soft to hard with depth.		
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

Boring Depth: 15 feet

Groundwater Depth: Not Detected

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-117

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete, underlain by crushed gravel.	
0.0	25		1.0' 2.0' 3.0' 4.0' 5.0'				
0.0	90		6.0' 7.0' 8.0' 9.0' 10.0'	Clay			
0.0	100		11.0' 12.0' 13.0' 14.0' 15.0'			Tan silty clay, trace sand, little gravel - moist, soft to hard with depth.	
			16.0' 17.0'			Boring terminated at 15 feet.	

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-118

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Concrete		Concrete underlain by crushed gravel.		
0.5	90		1.0'	Clay		Brown black clay		
			2.0'					
			3.0'					
			4.0'					
10.5	95		5.0'	Clay		Brown silty clay		
			6.0'					
			7.0'					
			8.0'					
6.4	99		9.0'	Silt		Brown clayey silt. Moist		
			10.0'	Sand		Brown coarse sand		
			11.0'	Clay		Brown silty clay. Rocks.		
			12.0'					
	13.0'		Clay		Brown grey silty clay. Rocks.			
			14.0'					
			15.0'					
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-119

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Concrete		Floor tile underlain by concrete, underlain by crushed gravel.		
0.0	70		1.0' 2.0' 3.0' 4.0' 5.0'					
0.0	75		6.0' 7.0' 8.0' 9.0' 10.0'	Clay				
0.0	80		12.0' 13.0' 14.0' 15.0'			Tan silty clay, trace sand, little gravel - dry, hard to very hard with depth.	Three one-inch dry fine sand seams between 8 and 10 feet gbs.	
			16.0' 17.0'	Boring terminated at 15 feet.				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory		Drill Rig: Geoprobe 6610DT
		Driller: Earth Solutions, Inc.
		Geologist: S. Boom
		EGSL Project No: 805247
Boring Depth: 15 feet	Groundwater Depth: Not Detected	

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.
 Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-120

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Concrete		Concrete underlain by crushed gravel.		
0.0	90		1.0'					
			2.0'					
			3.0'					
			4.0'					
			5.0'					
			6.0'	Clay		Brown lean clay		
0.0	90		7.0'					
			8.0'					
			9.0'					
			10.0'					
			11.0'					
0.0	90		12.0'	Clay		Brown grey silty clay		
			13.0'					
			14.0'	Silt		Brown clayey silt		
			15.0'	Clay		Brown grey silty clay		
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

Boring Depth: 15 feet

Groundwater Depth:

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



ENVIRONMENTAL GROUP
SERVICES LIMITED
557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-121

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete, underlain by crushed gravel.	
11.1	60		1.0' 2.0' 3.0' 4.0' 5.0'	Clay			
12.0	75		6.0' 7.0' 8.0' 9.0' 10.0'				
12.0	75		11.0' 12.0' 13.0' 14.0'			Tan silty clay, trace sand, little gravel - dry to moist with depth, hard.	
			15.0' 16.0' 17.0'	Boring terminated at 15 feet.			

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-122

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete underlain by crushed gravel.	
0.0	75		1.0'				
			2.0'				
			3.0'				
			4.0'	Clay		Black brown clay	
9.8	75		5.0'				
			6.0'				
			7.0'				
			8.0'				
			9.0'				
			10.0'	Silt		Brown sandy silt	
2.1	90		11.0'				
			12.0'				
			13.0'				
			14.0'	Clay		Brown lean clay. Moist	
			15.0'	Clay		Brown grey lean clay	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



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Chicago, IL 60607

Soil Boring Log

Boring Number: GP-123

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete, underlain by crushed gravel.	
1.3	75		1.0' 2.0' 3.0' 4.0' 5.0'				
284.3	99		6.0' 7.0' 8.0' 9.0' 10.0'				
2.1	99		11.0' 12.0' 13.0' 14.0' 15.0'	Clay		Tan silty clay, trace sand, little gravel - dry to moist and very hard to firm with depth.	
			16.0' 17.0'			Boring terminated at 15 feet.	

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-124

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
				Concrete		Concrete underlain by crushed gravel.	
0.0	80		1.0' 2.0' 3.0' 4.0'				
0.0	80		5.0' 6.0' 7.0' 8.0' 9.0'				
0.0	90		10.0' 11.0' 12.0' 13.0' 14.0'				
			15.0'	Clay		Brown silty clay. Rocks. Moist at 13'	
			16.0' 17.0'	Boring terminated at 15 feet.			

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-125

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Concrete		Concrete, underlain by crushed gravel.		
2.3	65		1.0' 2.0' 3.0' 4.0' 5.0'					
3.3	98		7.0' 8.0' 9.0' 10.0'					
2.8	65		12.0' 13.0' 14.0' 15.0'	Clay		Tan silty clay, trace sand, little gravel - dry to damp and very hard to firm with depth.		
			16.0' 17.0'	Boring terminated at 15 feet.				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-126

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Litology	Description	Notes
				Concrete		Concrete underlain by crushed gravel.	
0.0	90		1.0'				
			2.0'				
			3.0'				
			4.0'				
			5.0'				
0.0	90		6.0'				
			7.0'				
			8.0'				
			9.0'				
			10.0'				
0.0	90		11.0'				
			12.0'				
			13.0'				
			14.0'				
			15.0'	Clay		Brown silty clay. Rocks. Moist at 13'	
			16.0'	Boring terminated at 15 feet.			
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

Boring Depth: 15 feet

Groundwater Depth:

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-127

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
0.3	60		1.0'	Clay		Dark brown sandy clay - moist, hard.	
			2.0'				
			3.0'				
			4.0'				
			5.0'				
0.3	60		6.0'	Clay		Tan silty clay, trace sand, little gravel - damp hard to firm with depth.	
			7.0'	Sand		Well graded sand - dry.	
			8.0'				
0.1	40		9.0'	Clay		Tan silty clay, trace sand, little gravel - damp hard to firm with depth.	
			10.0'				
			11.0'				
			12.0'				
			13.0'				
			14.0'				
			15.0'				
	16.0'	Boring terminated at 15 feet.					
			17.0'				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Geologist: S. Boom

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-128

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil		
0.0	60		1.0'					
			2.0'					
			3.0'					
			4.0'	Sand		Brown coarse sand. Pebbles		
			5.0'					
0.0	90		6.0'					
			7.0'	Clay		Brown grey silty clay		
			8.0'					
			9.0'	Clay		Black silty clay		
			10.0'					
0.0	90		11.0'					
			12.0'					
			13.0'					
			14.0'					
			15.0'	Sand		Brown coarse sand. Pebbles.		
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Boring Depth: 15 feet

Groundwater Depth:

Geologist: S. Boom

EGSL Project No: 805247

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-129

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
0.0	50		1.0' 2.0' 3.0' 4.0' 5.0'	Clay		Black organic sandy loam - dry, hard.	
0.0	65		6.0' 7.0' 8.0'			Brown silty clay, trace sand, little gravel - damp, hard.	
			9.0' 10.0'			Tan well graded sand, some gravel - dry.	
0.0	65		11.0' 12.0' 13.0'	Sand		Tan well graded sand and clayey gravel - dry to damp with depth.	
			14.0' 15.0' 16.0' 17.0'			Boring terminated at 15 feet.	

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-130

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil		
0.0	90		1.0'					
			2.0'					
			3.0'					
			4.0'					
			5.0'	Clay		Black silty clay		
0.0	90		6.0'					
			7.0'					
			8.0'					
			9.0'					
			10.0'					
0.0	90		11.0'					
			12.0'					
			13.0'					
			14.0'					
			15.0'	Sand		Brown fine sand. Pebbles		
			16.0'	Boring terminated at 15 feet.				
			17.0'	Boring terminated at 15 feet.				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT
Driller: Earth Solutions, Inc.
Geologist: S. Boom
EGSL Project No: 805247

Boring Depth: 15 feet **Groundwater Depth:**

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.
 Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP-131

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
9/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
0.0	65		1.0' 2.0' 3.0' 4.0'	Sand		Clayey sand and gravel - dry.		
0.0	60		5.0' 6.0' 7.0' 8.0' 9.0' 10.0'	Clay		Tan silty clay, trace sand, little gravel - damp to moist with depth, firm.		
0.0	100		11.0' 12.0' 13.0' 14.0' 15.0'					
			16.0' 17.0'	Boring terminated at 15 feet.				

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth: Not Detected

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



Soil Boring Log

Boring Number: GP-132

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
09/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes	
				Soil		Black organic topsoil		
0.0	90		1.0'					
			2.0'					
			3.0'					
			4.0'					
			5.0'	Clay		Black brown silty clay		
0.0	90		6.0'					
			7.0'					
			8.0'					
			9.0'					
			10.0'					
0.0	90		11.0'					
			12.0'					
			13.0'					
			14.0'					
			15.0'	Sand		Brown fine silty sand. Pebbles		
			16.0'	Boring terminated at 15 feet.				
			17.0'					

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

EGSL Project No: 805247

Boring Depth: 15 feet

Groundwater Depth:

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Note: Boring backfilled with cuttings unless otherwise noted.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP - 201

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
10/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
0.1	40		1.0'	Fill		Crushed asphalt and concrete, dry.	
			2.0'	Sand		Brown silty sand, some gravel - dry. Lt. brown sand seam 0.9-1.2'.	
	3.0'						
	4.0'						
0.0	92		6.0'	Clay			
			7.0'				
	8.0'						
	9.0'						
	10.0'						
0.0	62		12.0'				
			13.0'				
	14.0'						
0.1	100		15.0'				
			16.0'				
			17.0'				
			18.0'				
			19.0'				
			20.0'				
						Lt. brown silty clay, trace sand, some gravel- moist, soft to firm with depth.	

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Geologist: S. Boom

Boring Depth: 20 feet

Groundwater Depth: Not Detected

EGSL Project No: 805247

Note: Boring backfilled with cuttings unless otherwise noted, Stratification lines are approximate, in-situ transition between soil types may be gradual.



Soil Boring Log

Boring Number: GP - 202

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
10/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
0.0	50		1.0'		Fill	Crushed asphalt and concrete, dry.	
0.0	100		5.0'				
0.0	100		12.0'	Clay			
0.0	100		2.0'				
0.0	100		3.0'				
0.0	100		4.0'				
0.0	100		6.0'				
0.0	100		7.0'				
0.0	100		8.0'				
0.0	100		9.0'				
0.0	100		10.0'				
0.0	100		11.0'				
0.0	100		13.0'				
0.0	100		14.0'				
0.0	100		15.0'				
0.0	100		16.0'				
0.0	100		17.0'				
0.0	100		18.0'				
0.0	100		19.0'				
0.0	100		20.0'				

Lt. brown silty clay, trace sand, some gravel- moist to dry, soft to hard with depth.

Drill Rig: Geoprobe 6610DT
Driller: Earth Solutions, Inc.

Key:  Sample Submitted for Analysis  Sample on Hold at Laboratory

Geologist: S. Boom

Boring Depth: 20 feet Groundwater Depth: Not Detected

EGSL Project No: 805247

Note: Boring backfilled with cuttings unless otherwise noted, Stratification lines are approximate; in-situ transition between soil types may be gradual.

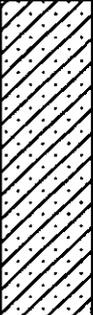
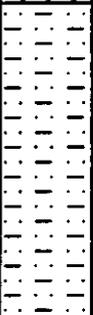
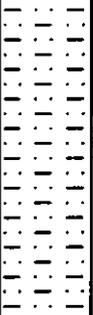
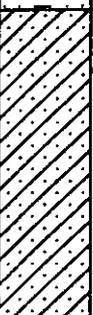


Soil Boring Log

Boring Number: GP - 203

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
10/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
19.9	74		1.0' 2.0' 3.0' 4.0' 5.0'	Clay		Brown silty clay, little sand, some gravel - moist, firm. black staining 1.4 - 2.3.	
4.0	66		5.0' 6.0' 7.0' 8.0' 9.0' 10.0'	Silt		Lt. brown sandy silt, trace gravel moist, soft. Dark staining 0-1.6.	
4.2	100		10.0' 11.0' 12.0' 13.0' 14.0' 15.0'	Silt		Lt. brown sandy silt, some gravel (subangular to rounded) moist, soft to firm with depth.	
8.8	100		15.0' 16.0' 17.0' 18.0' 19.0' 20.0'	Clay		Lt. brown silty clay, trace sand, some gravel (subangular to rounded) moist, firm to soft with depth.	Drill Rig: Geoprobe 6610DT Driller: Earth Solutions, Inc.

Key:  Sample Submitted for Analysis  Sample on Hold at Laboratory

Geologist: S. Boom

Boring Depth: 20 feet

Groundwater Depth: Not Detected

EGSL Project No: 805247

Note: Boring backfilled with cuttings unless otherwise noted, Stratification lines are approximate; in-situ transition between soil types may be gradual.



557 W. Polk Street
Chicago, IL 60607

Soil Boring Log

Boring Number: GP - 204

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
10/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes				
				Fill	+++	Crushed concrete.					
3.2	64		1.0' 2.0' 3.0'	Clay							
8.8	84		4.0' 5.0' 6.0' 7.0' 8.0' 9.0' 10.0'								
8.3	96		11.0' 12.0' 13.0' 14.0' 15.0'								
6.5	98		16.0' 17.0' 18.0' 19.0' 20.0'								
								Lt. brown silty clay, trace sand, some gravel and gravel - dry, hard.	Drill Rig: Geoprobe 6610DT		
									Driller: Earth Solutions, Inc.		

Key:  Sample Submitted for Analysis  Sample on Hold at Laboratory

Geologist: S. Boom

Boring Depth: 20 feet

Groundwater Depth: Not Detected

EGSL Project No: 805247

Note: Boring backfilled with cuttings unless otherwise noted, Stratification lines are approximate; in-situ transition between soil types may be gradual.



Soil Boring Log

Boring Number: GP - 205

Subject Property
300 West Street
Marengo, IL

Soil Boring Date
10/18/13

PID (ppm)	Sample Recovery (%)	Sample	Depth (feet)	General Soil Class	Lithology	Description	Notes
0.0	68		1.0' 2.0' 3.0' 4.0' 5.0'	Clay			
0.3	70		6.0' 7.0' 8.0' 9.0'				
0.2	88		10.0' 11.0' 12.0' 13.0' 14.0' 15.0'				
0.2	100		16.0' 17.0' 18.0' 19.0' 20.0'				
						Lt. brown silty clay, trace sand, some gravel (subangular to rounded)- dry, hard.	

Drill Rig: Geoprobe 6610DT

Driller: Earth Solutions, Inc.

Geologist: S. Boom

Key: Sample Submitted for Analysis Sample on Hold at Laboratory

Boring Depth: 20 feet Groundwater Depth: Not Detected

EGSL Project No: 805247

Note: Boring backfilled with cuttings unless otherwise noted, Stratification lines are approximate; in-situ transition between soil types may be gradual.

APPENDIX M – WELL COMPLETION LOGS





Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____

County: McHenrySite Name: Arnold Engineering Co.Well #: MW-24

State _____

Plane Coordinate: X 965028.64 Y 283502.53 (or) Latitude: _____ Longitude: _____Borehole #: GP-100Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSLGeologist: S. BoomDrilling Method: Hollow Stem AugerDrilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. BoomDate: 11/7/2013

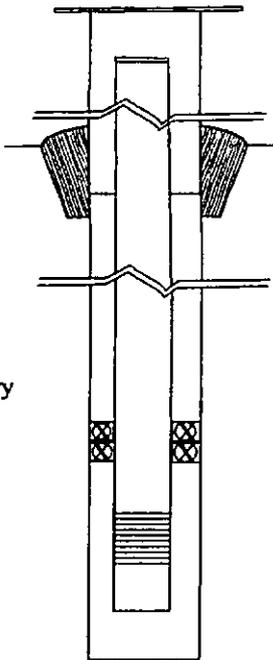
ANNULAR SPACE DETAILS

Type of Surface Seal: ConcreteType of Annular Sealant: Bentonite (Hydrated)Installation Method: Bottom UpSetting Time: 24 HoursType of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)Installation Method: Bottom UpSetting Time: 24 HoursType of Sand Pack: 20-40 SandGrain Size: 20-40 (Sieve Size)Installation Method: Hollow Stem AugerType of Backfill Material: N/A
(if applicable)Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
813.843	0.10	Top of Protective Casing
813.263	-0.48	Top of Riser Pipe
813.743	0.00	Ground Surface
812.743	-1.00	Top of Annular Sealant
792.443	-21.30	Static Water Level (After Completion)
812.743	-1.00	Top of Seal
805.743	-8	Top of Sand Pack
803.743	-10	Top of Screen
783.743	-30	Bottom of Screen
783.743	-30	Bottom of Well
783.743	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-25

State _____ Plane Coordinate: X 905234 48 Y 3859715 28 (or) Latitude: _____ Longitude: _____ Borehole #: GP-101

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Gravel, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

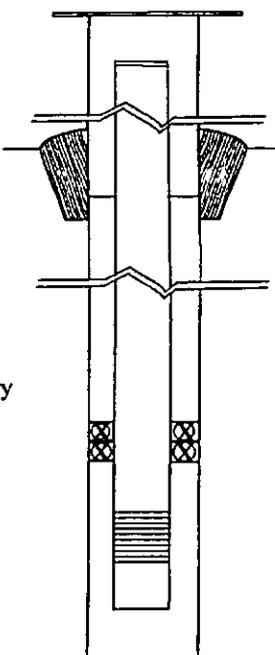
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
816.349	0.10	Top of Protective Casing
815.769	-0.48	Top of Riser Pipe
816.249	0.00	Ground Surface
815.249	-1.00	Top of Annular Sealant
794.949	-21.30	Static Water Level (After Completion)
815.249	-1.00	Top of Seal
808.249	-8	Top of Sand Pack
806.249	-10	Top of Screen
786.249	-30	Bottom of Screen
786.249	-30	Bottom of Well
786.249	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.8
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____

County: McHenrySite Name: Arnold Engineering Co.Well #: MW-26

State _____

Plane Coordinate: X 905497.03 Y 2015028.85 (or) Latitude: _____ Longitude: _____Borehole #: GP-103Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSLGeologist: S. BoomDrilling Method: Hollow Stem AugerDrilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. BoomDate: 11/7/2013

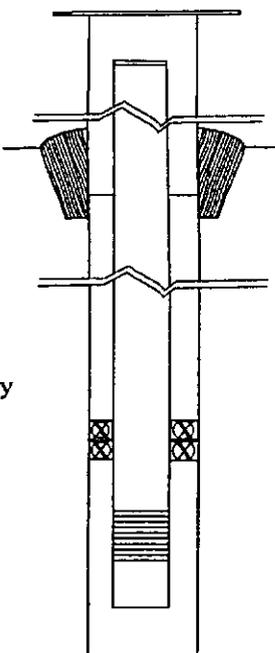
ANNULAR SPACE DETAILS

Type of Surface Seal: ConcreteType of Annular Sealant: Bentonite (Hydrated)Installation Method: Bottom UpSetting Time: 24 HoursType of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)Installation Method: Bottom UpSetting Time: 24 HoursType of Sand Pack: 20-40 SandGrain Size: 20-40 (Sieve Size)Installation Method: Hollow Stem AugerType of Backfill Material: N/A
(if applicable)Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
818.672	0.10	Top of Protective Casing
818.092	-0.48	Top of Riser Pipe
818.572	0.00	Ground Surface
817.572	-1.00	Top of Annular Sealant
797.272	-21.30	Static Water Level (After Completion)
817.572	-1.00	Top of Seal
810.572	-8	Top of Sand Pack
808.572	-10	Top of Screen
788.572	-30	Bottom of Screen
788.572	-30	Bottom of Well
788.572	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-27

State _____

Plane Coordinate: X 905645.18 Y 203902.41 (or) Latitude: _____ Longitude: _____ Borehole #: GP-103

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

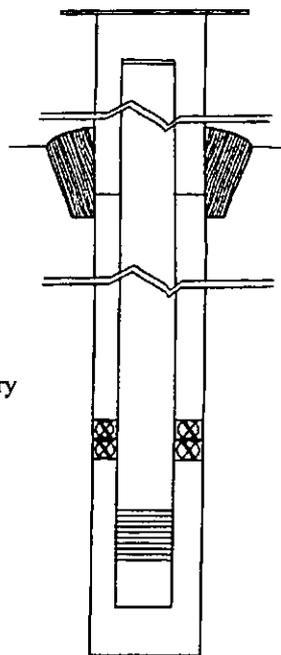
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
820.120	0.10	Top of Protective Casing
819.540	-0.48	Top of Riser Pipe
820.020	0.00	Ground Surface
819.020	-1.00	Top of Annular Sealant
798.72	-21.30	Static Water Level (After Completion)
819.020	-1.00	Top of Seal
812.020	-8	Top of Sand Pack
810.020	-10	Top of Screen
790.020	-30	Bottom of Screen
790.020	-30	Bottom of Well
790.020	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co.
State _____
Plane Coordinate: X 905764.04 Y 2633911.72 (or) Latitude: _____ Longitude: _____

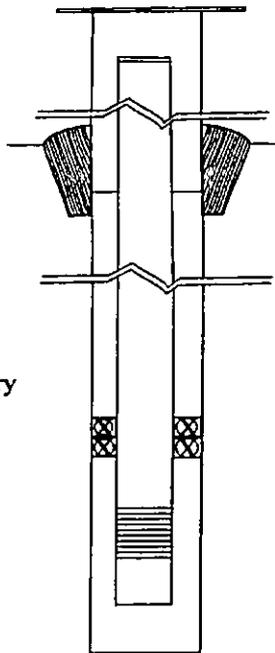
Well #: MW-28
Borehole #: GP-104

Surveyed by: B. Lennon
Drilling Contractor: Earth Solutions
Consulting Firm: EGSL
Drilling Method: Hollow Stem Auger
Logged By: _____
Report Form Completed By: S. Boom

IL Registration #: _____
Driller: _____
Geologist: S. Boom
Drilling Fluid (Type): N/A
Date Started: _____ Date Finished: _____
Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete
Type of Annular Sealant: Bentonite (Hydrated)
Installation Method: Bottom Up
Setting Time: 24 Hours
Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)
Installation Method: Bottom Up
Setting Time: 24 Hours
Type of Sand Pack: 20-40 Sand
Grain Size: 20-40 (Sieve Size)
Installation Method: Hollow Stem Auger
Type of Backfill Material: N/A
(if applicable)
Installation Method: N/A



Elevations (MSL)*	Depths (BGS)	(.01ft.)
820.567	0.10	Top of Protective Casing
819.987	-0.48	Top of Riser Pipe
820.467	0.00	Ground Surface
819.467	-1.00	Top of Annular Sealant
799.167	-21.30	Static Water Level (After Completion)
819.467	-1.00	Top of Seal
812.467	-8	Top of Sand Pack
810.467	-10	Top of Screen
790.467	-30	Bottom of Screen
790.467	-30	Bottom of Well
790.467	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.32
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-29

State _____

Plane Coordinate: X _____ Y _____ (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Gravel, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

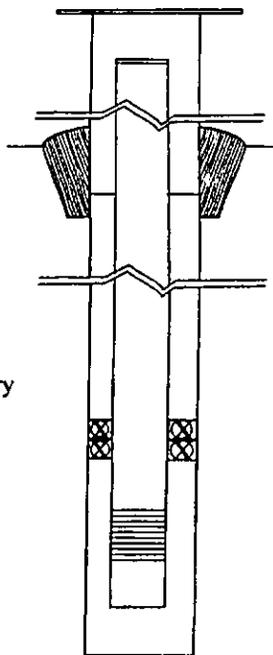
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
816.990	0.10	Top of Protective Casing
816.41	-0.48	Top of Riser Pipe
816.890	0.00	Ground Surface
815.890	-1.00	Top of Annular Sealant
795.59	-21.30	Static Water Level (After Completion)
815.890	-1.00	Top of Seal
808.890	-8	Top of Sand Pack
806.890	-10	Top of Screen
786.89	-30	Bottom of Screen
786.89	-30	Bottom of Well
786.89	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-30

State _____

Plane Coordinate: X ^{901721.43} Y ^{203329.64} (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

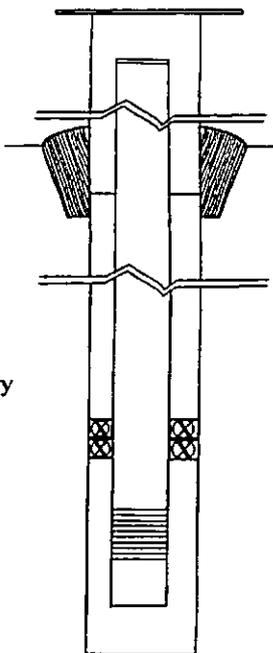
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
818.883	0.10	Top of Protective Casing
816.41	-0.48	Top of Riser Pipe
818.783	0.00	Ground Surface
818.303	-1.00	Top of Annular Sealant
797.483	-21.30	Static Water Level (After Completion)
817.303	-1.00	Top of Seal
810.303	-8	Top of Sand Pack
808.303	-10	Top of Screen
788.303	-30	Bottom of Screen
788.303	-30	Bottom of Well
788.303	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____

County: McHenrySite Name: Arnold Engineering Co.Well #: MW-31

State _____

Plane Coordinate: X 906110.09 Y 783318.33 (or) Latitude: _____ Longitude: _____

Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSLGeologist: S. BoomDrilling Method: Hollow Stem AugerDrilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. BoomDate: 11/7/2013

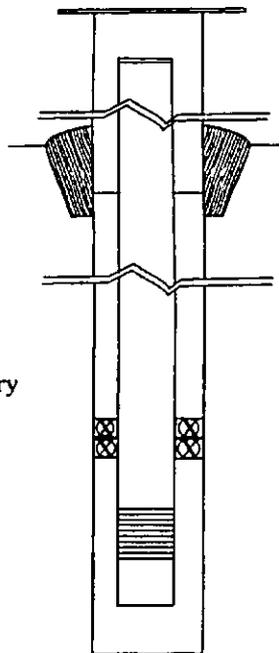
ANNULAR SPACE DETAILS

Type of Surface Seal: ConcreteType of Annular Sealant: Bentonite (Hydrated)Installation Method: Bottom UpSetting Time: 24 HoursType of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)Installation Method: Bottom UpSetting Time: 24 HoursType of Sand Pack: 20-40 SandGrain Size: 20-40 (Sieve Size)Installation Method: Hollow Stem AugerType of Backfill Material: N/A
(if applicable)Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
820.860	0.10	Top of Protective Casing
820.28	-0.48	Top of Riser Pipe
820.760	0.00	Ground Surface
819.760	-1.00	Top of Annular Sealant
799.460	-21.30	Static Water Level (After Completion)
819.760	-1.00	Top of Seal
812.760	-8	Top of Sand Pack
810.760	-10	Top of Screen
790.860	-30	Bottom of Screen
790.860	-30	Bottom of Well
790.860	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.32
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____

County: McHenrySite Name: Arnold Engineering Co.Well #: MW-32

State _____

Plane Coordinate: X 906527.43 Y 3835248.26 (or) Latitude: _____ Longitude: _____Borehole #: GP-108Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSLGeologist: S. BoomDrilling Method: Hollow Stem AugerDrilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. BoomDate: 11/7/2013

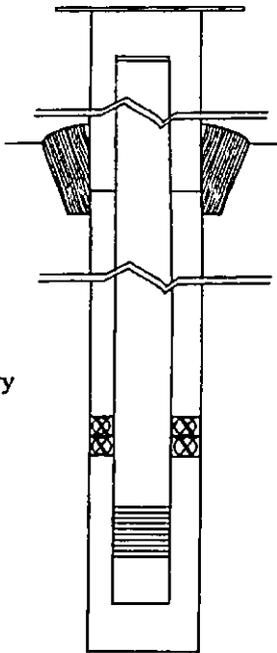
ANNULAR SPACE DETAILS

Type of Surface Seal: ConcreteType of Annular Sealant: Bentonite (Hydrated)Installation Method: Bottom UpSetting Time: 24 HoursType of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)Installation Method: Bottom UpSetting Time: 24 HoursType of Sand Pack: 20-40 SandGrain Size: 20-40 (Sieve Size)Installation Method: Hollow Stem AugerType of Backfill Material: N/A
(if applicable)Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01 ft.)
821.408	0.10	Top of Protective Casing
820.828	-0.48	Top of Riser Pipe
821.308	0.00	Ground Surface
820.308	-1.00	Top of Annular Sealant
800.008	-21.30	Static Water Level (After Completion)
820.308	-1.00	Top of Seal
813.308	-8	Top of Sand Pack
811.308	-10	Top of Screen
791.308	-30	Bottom of Screen
791.308	-30	Bottom of Well
791.308	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.32
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-33

State _____ (or) Latitude: _____ Longitude: _____

Plane Coordinate: X ^{904721.69} Y ^{2025199.34} (or) Latitude: _____ Longitude: _____ Borehole #: GP-109

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

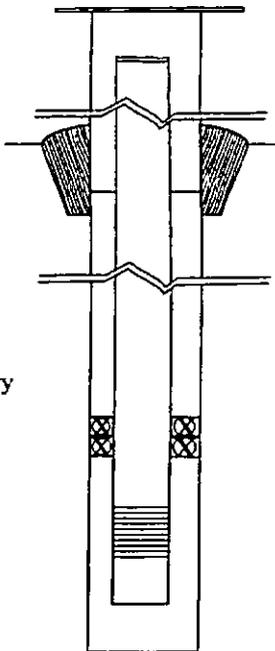
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
817.449	0.10	Top of Protective Casing
816.869	-0.48	Top of Riser Pipe
817.349	0.00	Ground Surface
816.349	-1.00	Top of Annular Sealant
796.049	-21.30	Static Water Level (After Completion)
816.349	-1.00	Top of Seal
809.349	-8	Top of Sand Pack
807.349	-10	Top of Screen
787.349	-30	Bottom of Screen
787.349	-30	Bottom of Well
787.349	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____

County: McHenrySite Name: Arnold Engineering Co.Well #: MW-34

State _____

Plane Coordinate: X 90915.76 Y 2025148.74 (or) Latitude: _____ Longitude: _____Borehole #: GP-111Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSLGeologist: S. BoomDrilling Method: Hollow Stem AugerDrilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. BoomDate: 11/7/2013

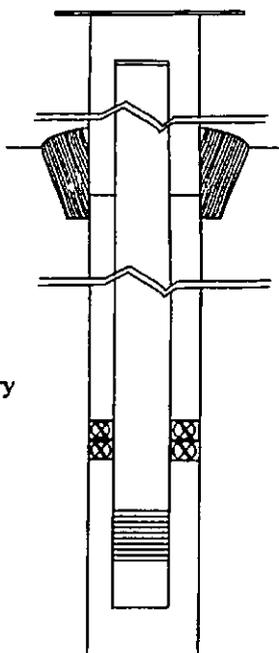
ANNULAR SPACE DETAILS

Type of Surface Seal: ConcreteType of Annular Sealant: Bentonite (Hydrated)Installation Method: Bottom UpSetting Time: 24 HoursType of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)Installation Method: Bottom UpSetting Time: 24 HoursType of Sand Pack: 20-40 SandGrain Size: 20-40 (Sieve Size)Installation Method: Hollow Stem AugerType of Backfill Material: N/A
(if applicable)Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
818.454	0.10	Top of Protective Casing
817.874	-0.48	Top of Riser Pipe
818.354	0.00	Ground Surface
817.354	-1.00	Top of Annular Sealant
797.054	-21.30	Static Water Level (After Completion)
817.354	-1.00	Top of Seal
810.354	-8	Top of Sand Pack
808.354	-10	Top of Screen
788.354	-30	Bottom of Screen
788.354	-30	Bottom of Well
788.354	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-35
State _____
Plane Coordinate: X 9064973.31 Y 7032116.55 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

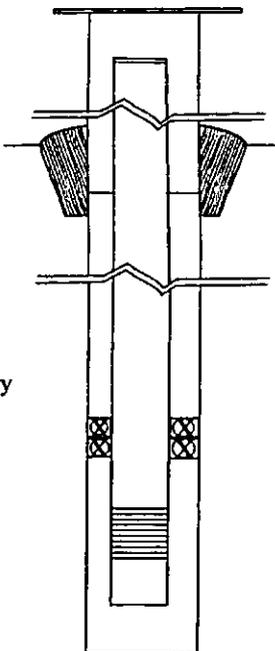
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
818.922	0.10	Top of Protective Casing
818.342	-0.48	Top of Riser Pipe
818.822	0.00	Ground Surface
817.822	-1.00	Top of Annular Sealant
797.522	-21.30	Static Water Level (After Completion)
817.822	-1.00	Top of Seal
810.822	-8	Top of Sand Pack
808.822	-10	Top of Screen
788.822	-30	Bottom of Screen
788.822	-30	Bottom of Well
788.822	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.32
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co.
State _____
Plane Coordinate: X _____ Y _____ (or) Latitude: _____ Longitude: _____

Well #: MW-36
Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

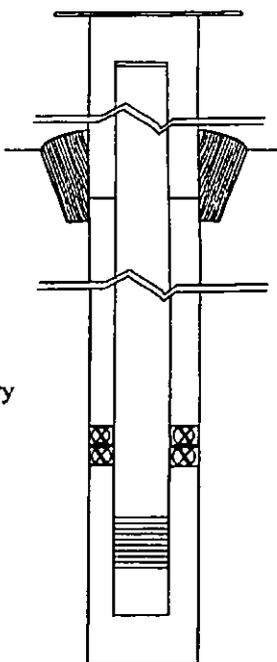
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
	0.10	Top of Protective Casing
	-0.48	Top of Riser Pipe
	0.00	Ground Surface
	-1.00	Top of Annular Sealant
	-21.30	Static Water Level (After Completion)
	-1.00	Top of Seal
	-8	Top of Sand Pack
	-10	Top of Screen
	-30	Bottom of Screen
	-30	Bottom of Well
	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-37

State _____ Longitude: _____

Plane Coordinate: X _____ Y _____ (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

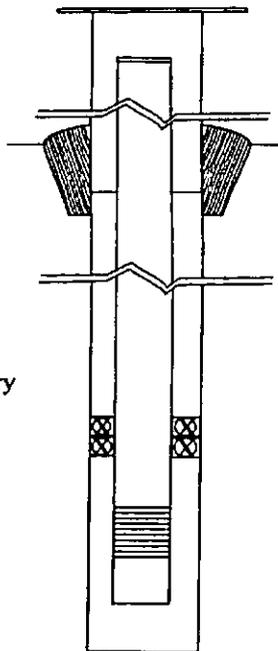
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01 ft.)
_____	0.10	Top of Protective Casing
_____	-0.48	Top of Riser Pipe
_____	0.00	Ground Surface
_____	-1.00	Top of Annular Sealant
_____	-21.30	Static Water Level (After Completion)
_____	-1.00	Top of Seal
_____	-8	Top of Sand Pack
_____	-10	Top of Screen
_____	-30	Bottom of Screen
_____	-30	Bottom of Well
_____	-30	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.6
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-38

State _____

Plane Coordinate: X 90692.31 Y 7035136.35 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

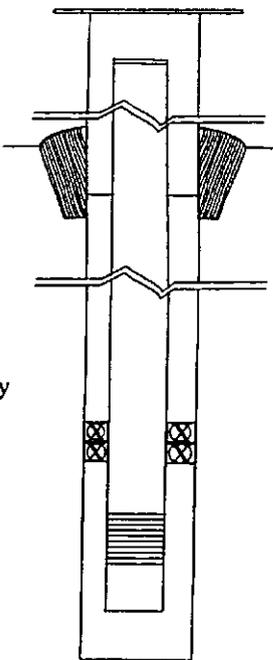
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	<u>SS304, SS316, PTFE, PVC, or Other</u>
Riser Pipe Above W.T.	<u>SS304, SS316, PTFE, PVC, or Other</u>
Riser Pipe Below W.T.	<u>SS304, SS316, PTFE, PVC, or Other</u>
Screen	<u>SS304, SS316, PTFE, PVC, or Other</u>



Elevations (MSL)*	Depths (BGS)	(.01ft.)
818.922	0.10	Top of Protective Casing
818.342	-0.48	Top of Riser Pipe
818.822	0.00	Ground Surface
817.882	-1.00	Top of Annular Sealant
797.522	-21.30	Static Water Level (After Completion)
817.882	-1.00	Top of Seal
775.882	-43	Top of Sand Pack
773.882	-45	Top of Screen
768.882	-50	Bottom of Screen
768.882	-50	Bottom of Well
768.882	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-39

State _____

Plane Coordinate: X 9063753.31 Y 283314.79 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

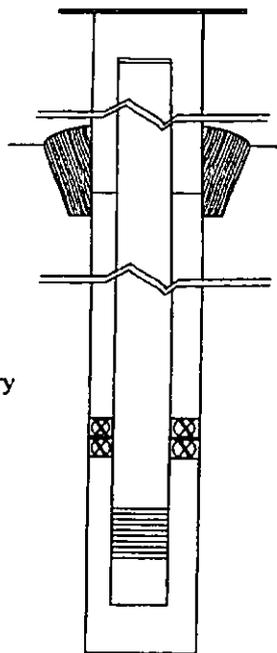
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
817.096	0.10	Top of Protective Casing
816.516	-0.48	Top of Riser Pipe
816.996	0.00	Ground Surface
815.996	-1.00	Top of Annular Sealant
795.696	-21.30	Static Water Level (After Completion)
815.996	-1.00	Top of Seal
773.996	-43	Top of Sand Pack
771.996	-45	Top of Screen
766.996	-50	Bottom of Screen
766.996	-50	Bottom of Well
766.996	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-40

State _____

Plane Coordinate: X 906484.24 Y 203168.82 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

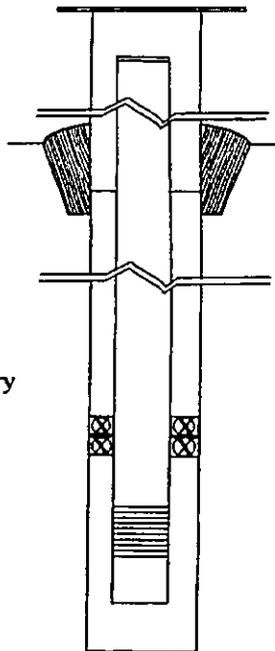
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
<u>827.757</u>	<u>0.10</u>	Top of Protective Casing
<u>827.177</u>	<u>-0.48</u>	Top of Riser Pipe
<u>827.657</u>	<u>0.00</u>	Ground Surface
<u>826.657</u>	<u>-1.00</u>	Top of Annular Sealant
<u>806.357</u>	<u>-21.30</u>	Static Water Level (After Completion)
<u>826.657</u>	<u>-1.00</u>	Top of Seal
<u>784.657</u>	<u>-43</u>	Top of Sand Pack
<u>782.657</u>	<u>-45</u>	Top of Screen
<u>777.657</u>	<u>-50</u>	Bottom of Screen
<u>777.657</u>	<u>-50</u>	Bottom of Well
<u>777.657</u>	<u>-50</u>	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	<u>5.75</u>
ID of Riser Pipe (inches)	<u>20</u>
Protective Casing Length (feet)	<u>1.0</u>
Riser Pipe Length (feet)	<u>49.52</u>
Bottom of Screen to End Cap (feet)	<u>0.30</u>
Screen Length (1" slot to last slot) (feet)	<u>4.5</u>
Total Length of Casing (feet)	<u>45</u>
Screen Slot Size **	<u>.010</u>

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-41

State _____

Plane Coordinate: X 900101.57 Y 2035118.43 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

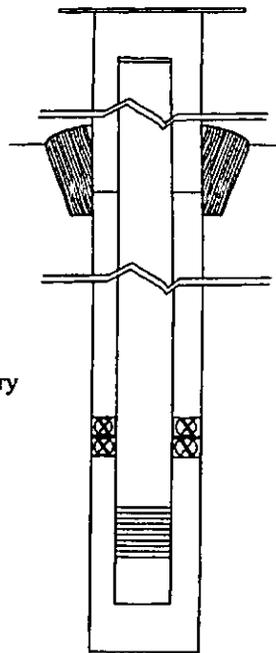
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
820.768	0.10	Top of Protective Casing
820.288	-0.48	Top of Riser Pipe
820.668	0.00	Ground Surface
819.668	-1.00	Top of Annular Sealant
799.368	-21.30	Static Water Level (After Completion)
819.668	-1.00	Top of Seal
777.668	-43	Top of Sand Pack
775.668	-45	Top of Screen
770.668	-50	Bottom of Screen
770.668	-50	Bottom of Well
770.668	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-42

State _____

Plane Coordinate: X _____ Y _____ (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry (Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

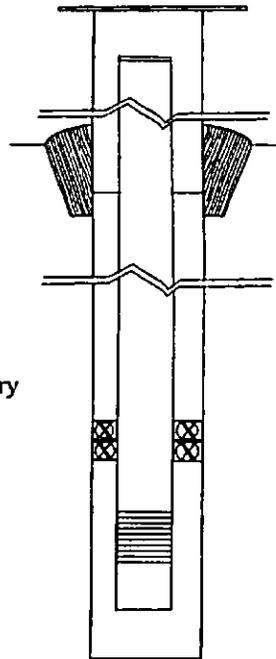
Installation Method: Hollow Stem Auger

Type of Backfill Material: N/A (if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL (Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
820.976	0.10	Top of Protective Casing
820.496	-0.48	Top of Riser Pipe
820.876	0.00	Ground Surface
819.976	-1.00	Top of Annular Sealant
799.576	-21.30	Static Water Level (After Completion)
819.976	-1.00	Top of Seal
777.876	-43	Top of Sand Pack
775.876	-45	Top of Screen
770.876	-50	Bottom of Screen
770.876	-50	Bottom of Well
770.876	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-43

State _____

Plane Coordinate: X 905727 83 Y 2055379 80 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

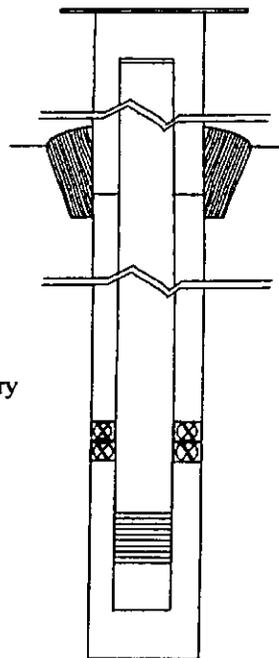
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
817.295	0.10	Top of Protective Casing
816.715	-0.48	Top of Riser Pipe
817.195	0.00	Ground Surface
816.195	-1.00	Top of Annular Sealant
795.895	-21.30	Static Water Level (After Completion)
816.195	-1.00	Top of Seal
774.195	-43	Top of Sand Pack
772.195	-45	Top of Screen
767.195	-50	Bottom of Screen
767.195	-50	Bottom of Well
767.195	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.6
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-44

State _____

Plane Coordinate: X 905286.56 Y 2035117.99 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

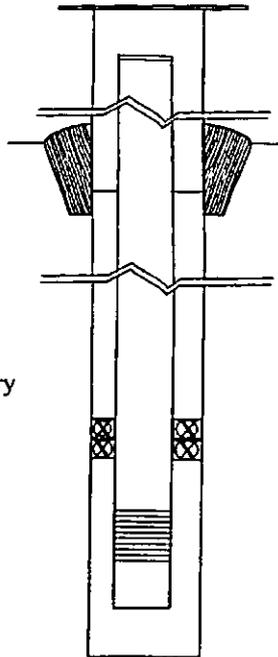
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01 ft.)
817.015	0.10	Top of Protective Casing
816.535	-0.48	Top of Riser Pipe
816.915	0.00	Ground Surface
815.915	-1.00	Top of Annular Sealant
795.615	-21.30	Static Water Level (After Completion)
816.915	-1.00	Top of Seal
773.915	-43	Top of Sand Pack
771.915	-45	Top of Screen
766.915	-50	Bottom of Screen
766.915	-50	Bottom of Well
766.915	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.32
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-45

State: _____

Plane Coordinate: X 905921.64 Y 2619082.31 (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

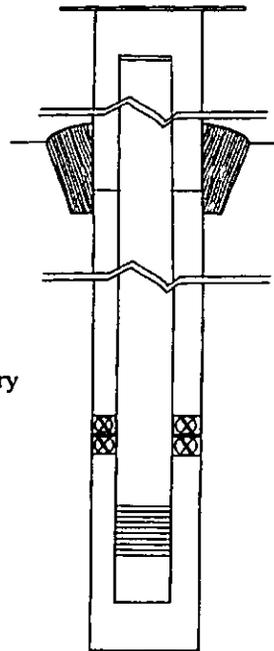
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
813.854	0.10	Top of Protective Casing
813.374	-0.48	Top of Riser Pipe
813.754	0.00	Ground Surface
813.854	-1.00	Top of Annular Sealant
792.554	-21.30	Static Water Level (After Completion)
813.854	-1.00	Top of Seal
770.854	-43	Top of Sand Pack
768.854	-45	Top of Screen
763.854	-50	Bottom of Screen
763.854	-50	Bottom of Well
763.854	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



Illinois Environmental Protection Agency

Well Completion Report

Site Number: _____ County: McHenry

Site Name: Arnold Engineering Co. Well #: MW-46

State _____

Plane Coordinate: X ^{995504.12} Y ^{2813029.22} (or) Latitude: _____ Longitude: _____ Borehole #: _____

Surveyed by: B. Lennon

IL Registration #: _____

Drilling Contractor: Earth Solutions

Driller: _____

Consulting Firm: EGSL

Geologist: S. Boom

Drilling Method: Hollow Stem Auger

Drilling Fluid (Type): N/A

Logged By: _____

Date Started: _____ Date Finished: _____

Report Form Completed By: S. Boom

Date: 11/7/2013

ANNULAR SPACE DETAILS

Type of Surface Seal: Concrete

Type of Annular Sealant: Bentonite (Hydrated)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Bentonite Seal - - Granular, Pellet, Slurry
(Choose One)

Installation Method: Bottom Up

Setting Time: 24 Hours

Type of Sand Pack: 20-40 Sand

Grain Size: 20-40 (Sieve Size)

Installation Method: Hollow Stem Auger

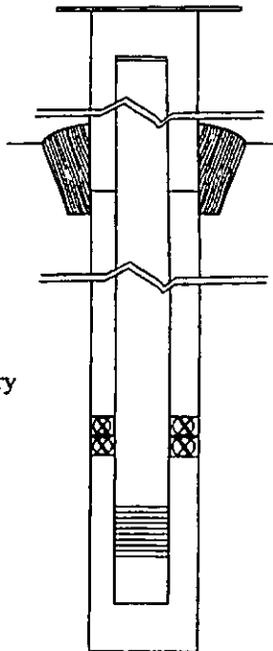
Type of Backfill Material: N/A
(if applicable)

Installation Method: N/A

WELL CONSTRUCTION MATERIAL

(Choose one type of material for each area)

Protective Casing	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Above W.T.	SS304, SS316, PTFE, PVC, or Other
Riser Pipe Below W.T.	SS304, SS316, PTFE, PVC, or Other
Screen	SS304, SS316, PTFE, PVC, or Other



Elevations (MSL)*	Depths (BGS)	(.01ft.)
818.795	0.10	Top of Protective Casing
818.315	-0.48	Top of Riser Pipe
818.695	0.00	Ground Surface
817.795	-1.00	Top of Annular Sealant
797.495	-21.30	Static Water Level (After Completion)
817.795	-1.00	Top of Seal
761.795	-43	Top of Sand Pack
763.795	-45	Top of Screen
768.795	-50	Bottom of Screen
768.795	-50	Bottom of Well
768.795	-50	Bottom of Borehole

* Referenced to a National Geodetic Datum

CASING MEASUREMENTS

Diameter of Borehole (inches)	5.75
ID of Riser Pipe (inches)	2.0
Protective Casing Length (feet)	1.0
Riser Pipe Length (feet)	49.52
Bottom of Screen to End Cap (feet)	0.30
Screen Length (1" slot to last slot) (feet)	4.5
Total Length of Casing (feet)	45
Screen Slot Size **	.010

**Hand-Slotted Well Screens are Unacceptable



APPENDIX N – SOIL ANALYTICAL TABLES AND LABORATORY REPORTS



EGSL						
300 West Arnold						
Soil Component Groundwater Ingestion Class I						
Date of Sample Collection:	GP-100 (5-7)	GP-100 (15-17)	GP-101 (7-9)	GP-101 (13-15)	GP-102 (7-9)	GP-102 (13-15)
Time of Sample Collection:	8:30 AM	8:40 AM	10:10 AM	10:15 AM	12:00 PM	12:10 PM
First Environmental Lab. Numbers:	13-4868-001	13-4868-002	13-4868-003	13-4868-004	13-4868-005	13-4868-006
GP-103 (1-3)						9/4/2013
6:00 AM						6:00 AM
13-4908-001						13-4908-001

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL
Total Solids	%	
		89.25
		90.18
		88.71
		85.1
		92.08
		91.2

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL
Acetone	mg/kg	0.1
Benzene	mg/kg	0.005
Bromodichloromethane	mg/kg	0.005
Bromoform	mg/kg	0.005
Bromomethane	mg/kg	0.01
2-Butanone (MEK)	mg/kg	0.1
Carbon disulfide	mg/kg	0.005
Carbon tetrachloride	mg/kg	0.005
Chlorobenzene	mg/kg	0.005
Chlorodibromomethane	mg/kg	0.005
Chloroethane	mg/kg	0.01
Chloroform	mg/kg	0.005
Chloromethane	mg/kg	0.01
1,1-Dichloroethane	mg/kg	0.005
1,2-Dichloroethane	mg/kg	0.005
1,1-Dichloroethene	mg/kg	0.005
cis-1,2-Dichloroethene	mg/kg	0.005
trans-1,2-Dichloroethene	mg/kg	0.005
1,2-Dichloropropane	mg/kg	0.005
cis-1,3-Dichloropropene	mg/kg	0.004
trans-1,3-Dichloropropene	mg/kg	0.004
Ethylbenzene	mg/kg	0.005

EGSL		300 West Arnold		Soil Component		GP-100 (5-7)	GP-100 (15-17)	GP-101 (7-9)	GP-101 (13-15)	GP-102 (7-9)	GP-102 (13-15)	GP-103 (1-3)
Date of Sample Collection:	Time of Sample Collection:	Groundwater	Ingestion Class I	9/3/2013	9/3/2013	9/3/2013	9/3/2013	9/3/2013	9/3/2013	9/3/2013	9/3/2013	9/4/2013
First Environmental Lab. Numbers:		8:30 AM	8:40 AM	10:10 AM	10:15 AM	12:00 PM	13-4868-001	13-4868-002	13-4868-003	13-4868-004	13-4868-005	13-4868-006
Contaminants of Concern:		0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Hexanone	mg/kg	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0058	<0.005	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)												
Date Analyzed:	Units	RDL										
Aroclor 1016	mg/kg	0.08										
Aroclor 1221	mg/kg	0.08										
Aroclor 1232	mg/kg	0.08										
Aroclor 1242	mg/kg	0.08										
Aroclor 1248	mg/kg	0.08										
Aroclor 1254	mg/kg	0.16										
Aroclor 1260	mg/kg	0.16										

EGSL									
300 West Arnold									
Date of Sample Collection:		GP-103 (8-10)	GP-104 (3-5)	GP-104 (8-10)	GP-105 (6-7)	GP-105 (11-12)	GP-106 (5-7)	GP-106 (9-11)	GP-107 (8-10)
Time of Sample Collection:		9/4/2013 6:10 AM	9/4/2013 8:00 AM	9/4/2013 8:05 AM	9/4/2013 10:15 AM	9/4/2013 10:30 AM	9/4/2013 12:05 PM	9/4/2013 12:10 PM	9/5/2013 6:30 AM
First Environmental Lab. Numbers:		13-4908-002	13-4908-003	13-4908-004	13-4908-005	13-4908-006	13-4908-007	13-4908-008	13-4930-001

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013
Total Solids	%		90.38	90.59	90.12	95.93	95.13	95.72	91.65

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL	9/11/2013	9/11/2013	9/11/2013	9/11/2013	9/11/2013	9/11/2013	9/11/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL		GP-103 (8-10)	GP-104 (3-5)	GP-104 (8-10)	GP-105 (6-7)	GP-105 (11-12)	GP-106 (5-7)	GP-106 (9-11)	GP-107 (8-10)
300 West Arnold		9/4/2013	9/4/2013	9/4/2013	9/4/2013	9/4/2013	9/4/2013	9/4/2013	9/5/2013
Date of Sample Collection:		6:10 AM	8:00 AM	8:05 AM	10:15 AM	10:30 AM	12:05 PM	12:10 PM	6:30 AM
Time of Sample Collection:		13-4908-002	13-4908-003	13-4908-004	13-4908-005	13-4908-006	13-4908-007	13-4908-008	13-4930-001
First Environmental Lab. Numbers:									
Contaminants of Concern:		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
2-Hexanone	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	0.005	<0.005	<0.005	<0.005	0.0103	0.0154	0.02	0.0378	<0.005
Toluene	0.005	<0.005	<0.005	<0.005	0.0091	0.0069	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0054	0.0336	<0.005
1,1,2-Trichloroethane	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	0.005	<0.005	<0.005	<0.005	0.0078	0.0056	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)									
Date Analyzed:		Units	RDL						
Aroclor 1016	0.08	mg/kg	0.08						
Aroclor 1221	0.08	mg/kg	0.08						
Aroclor 1232	0.08	mg/kg	0.08						
Aroclor 1242	0.08	mg/kg	0.08						
Aroclor 1248	0.08	mg/kg	0.08						
Aroclor 1254	0.16	mg/kg	0.16						
Aroclor 1260	0.16	mg/kg	0.16						

EGSL									
300 West Arnold									
Date of Sample Collection:		GP-107 (12-14)	GP-108 (6-8)	GP-108 (10-12)	GP-109 (7-9)	GP-109 (9-11)	GP-110 (5-7)	GP-110 (7-9)	GP-111 (5-7)
Time of Sample Collection:		9/5/2013 6:40 AM	9/5/2013 8:15 AM	9/5/2013 8:30 AM	9/5/2013 11:00 AM	9/5/2013 11:05 AM	9/5/2013 1:30 PM	9/5/2013 1:35 PM	9/6/2013 6:30 AM
First Environmental Lab. Numbers:		13-4930-002	13-4930-003	13-4930-004	13-4930-005	13-4930-006	13-4930-007	13-4930-008	13-4959-001

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/10/2013
Total Solids	%		90.14	88.83	89.48	88.86	90.17	85.81	90.18	89.31

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL	9/12/2013	9/12/2013	9/12/2013	9/12/2013	9/12/2013	9/12/2013	9/12/2013	9/13/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL															
300 West Arnold															
Date of Sample Collection:															
Time of Sample Collection:															
First Environmental Lab. Numbers:															
GP-107 (12-14)	9/5/2013	GP-108 (6-8)	9/5/2013	GP-108 (10-12)	9/5/2013	GP-109 (7-9)	9/5/2013	GP-109 (9-11)	9/5/2013	GP-110 (5-7)	9/5/2013	GP-110 (7-9)	9/5/2013	GP-111 (5-7)	9/6/2013
	6:40 AM	8:15 AM	8:30 AM	11:00 AM	11:05 AM	1:30 PM	1:35 PM	13-4930-006	13-4930-007	13-4930-008	13-4930-009	13-4930-010	13-4930-011	13-4930-012	13-4930-013
	13-4930-002	13-4930-003	13-4930-004	13-4930-005	13-4930-006	13-4930-007	13-4930-008	13-4930-009	13-4930-010	13-4930-011	13-4930-012	13-4930-013	13-4930-014	13-4930-015	13-4930-016
Contaminants of Concern:															
2-Hexanone	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	<0.005	0.0074	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0052
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	0.0246	<0.005	<0.005	0.0494	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)															
Date Analyzed:															
Units RDL															
Aroclor 1016	mg/kg	0.08													
Aroclor 1221	mg/kg	0.08													
Aroclor 1232	mg/kg	0.08													
Aroclor 1242	mg/kg	0.08													
Aroclor 1248	mg/kg	0.08													
Aroclor 1254	mg/kg	0.16													
Aroclor 1260	mg/kg	0.16													

EGSL		GP-111 (8-10)	GP-112 (4-6)	GP-112 (8-10)	GP-113 (8-10)	GP-113 (10-12)	GP-114 (6-7)	GP-114 (12-13)	GP-115 (8-12)	
300 West Arnold		9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/6/2013	9/18/2013	9/18/2013	9/18/2013	
Date of Sample Collection:		6:45 AM	8:45 AM	8:55 AM	12:00 PM	12:10 PM	6:00 AM	6:00 AM	6:15 AM	
Time of Sample Collection:		13-4959-002	13-4959-003	13-4959-004	13-4959-005	13-4959-006	13-5210-001	13-5210-002	13-5210-003	
First Environmental Lab. Numbers:										
Contaminants of Concern:										
2-Hexanone	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	<0.005	<0.005	0.0241	0.034	<0.005	<0.005	0.0098	<0.005
Toluene	mg/kg	0.005	<0.005	<0.005	<0.005	0.0061	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)										
Date Analyzed:		Units	RDL							
Aroclor 1016	mg/kg	0.08								
Aroclor 1221	mg/kg	0.08								
Aroclor 1232	mg/kg	0.08								
Aroclor 1242	mg/kg	0.08								
Aroclor 1248	mg/kg	0.08								
Aroclor 1254	mg/kg	0.16								
Aroclor 1260	mg/kg	0.16								

EGSL	
300 West Arnold	
Date of Sample Collection:	9/18/2013
Time of Sample Collection:	6:15 AM
First Environmental Lab. Numbers:	13-5210-004
	13-5210-005
	13-5210-006
	13-5210-007
	13-5210-008
	13-5210-009
	13-5210-010
	13-5210-011

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Total Solids	%		90.12	89.2	90.7	90.31	89.46	89.08	90.45	92.45		
Volatile Organic Compounds (5035A/8260B)												
Date Analyzed:	Units	RDL	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/25/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<10	<10	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.491	<0.5	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	4.42	3.4	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	0.0325	<0.005	<0.005	<0.4	<0.4	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	0.0056	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.4	<0.4	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.4	<0.4	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005

EGSL		GP-115 (12-13)	GP-116 (5-7)	GP-116 (13-15)	GP-117 (9-10)	GP-117 (13-14)	GP-118 (9-10)	GP-118 (11-13)	GP-119 (5-7)
300 West Arnold		9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013
Date of Sample Collection:		6:15 AM	6:30 AM	6:30 AM	6:45 AM	6:45 AM	7:00 AM	7:00 AM	7:15 AM
Time of Sample Collection:		13-5210-004	13-5210-005	13-5210-006	13-5210-007	13-5210-008	13-5210-009	13-5210-010	13-5210-011
First Environmental Lab. Numbers:									
Contaminants of Concern:									
2-Hexanone	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.32	<0.32	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005
Tetrachloroethene	mg/kg	0.005	0.0107	<0.005	<0.005	<0.005	3.67	2.11	<0.005
Toluene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	0.569	<0.5	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	0.0473	<0.005	<0.005	28.1	19.5	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005
Polychlorinated biphenyls (PCBs) (8082)									
Date Analyzed:		Units	RDL						
Aroclor 1016	mg/kg	0.08							
Aroclor 1221	mg/kg	0.08							
Aroclor 1232	mg/kg	0.08							
Aroclor 1242	mg/kg	0.08							
Aroclor 1248	mg/kg	0.08							
Aroclor 1254	mg/kg	0.16							
Aroclor 1260	mg/kg	0.16							

EGSL						
300 West Arnold						
Date of Sample Collection:	9/18/2013	GP-119 (12-14)	9/18/2013	GP-120 (4-6)	9/18/2013	GP-121 (8-9)
Time of Sample Collection:	7:15 AM	7:30 AM	7:30 AM	7:30 AM	7:45 AM	7:45 AM
First Environmental Lab. Numbers:	13-5210-012	13-5210-013	13-5210-014	13-5210-015	13-5210-016	13-5210-017
						13-5210-018
						13-5210-019

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Total Solids	%		89.63	81.95	92.54	93.14	91.91	92.21	91.16	91

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL	9/25/2013	9/25/2013	9/25/2013	9/24/2013	9/24/2013	9/25/2013	9/25/2013	9/25/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	<10	<10	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.025	<0.025	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<10	<10	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
1,1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	0.0063	<0.005	<0.005
cis-1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.4	<0.4	<0.005	<0.005	<0.005
trans-1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.4	<0.4	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.4	<0.4	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005

EGSL		GP-119 (12-14)	GP-120 (4-6)	GP-120 (8-10)	GP-121 (8-9)	GP-121 (13-14)	GP-122 (9-10)	GP-122 (12-14)	GP-123 (5-7)	
300 West Arnold		9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	
Date of Sample Collection:		7:15 AM	7:30 AM	7:30 AM	7:45 AM	7:45 AM	8:00 AM	8:00 AM	8:15 AM	
Time of Sample Collection:		13-5210-012	13-5210-013	13-5210-014	13-5210-015	13-5210-016	13-5210-017	13-5210-018	13-5210-019	
First Environmental Lab. Numbers:										
Contaminants of Concern:										
2-Hexanone	mg/kg	0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	<0.005	<0.005	<0.32	<0.32	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	<0.02	<0.02	<2	<2	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	<0.005	0.0807	3.5	7.01	0.0235	0.0192	<0.005	<0.005
Toluene	mg/kg	0.005	<0.005	0.0064	<0.5	<0.5	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.5	<0.5	0.0379	0.021	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.5	<0.5	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<1	<1	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	0.0055	<0.5	<0.5	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)										
Date Analyzed:		Units	RDL							
Aroclor 1016	mg/kg	0.08								
Aroclor 1221	mg/kg	0.08								
Aroclor 1232	mg/kg	0.08								
Aroclor 1242	mg/kg	0.08								
Aroclor 1248	mg/kg	0.08								
Aroclor 1254	mg/kg	0.16								
Aroclor 1260	mg/kg	0.16								

EGSL															
300 West Arnold															
Date of Sample Collection:															
Time of Sample Collection:															
First Environmental Lab. Numbers:															
GP-123 (8-10)	9/18/2013	GP-124 (5-7)	9/18/2013	GP-124 (10-12)	9/18/2013	GP-125 (7-8)	9/18/2013	GP-125 (12-13)	9/18/2013	GP-126 (4-6)	9/18/2013	GP-126 (8-10)	9/18/2013	GP-127 (8-9)	9/18/2013
	8:15 AM	8:30 AM	8:30 AM	8:30 AM	8:45 AM	8:45 AM	8:45 AM	8:45 AM	9:00 AM	9:00 AM	9:00 AM	9:00 AM	9:00 AM	9:15 AM	9:15 AM
	13-5210-020	13-5210-021	13-5210-022	13-5210-023	13-5210-024	13-5210-025	13-5210-026	13-5210-027							

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013
Total Solids	%		90.21		89.7		90.7		91.34		91.3		89.76	

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013	9/23/2013	9/25/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0502	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL		GP-123 (8-10)	GP-124 (5-7)	GP-124 (10-12)	GP-125 (7-8)	GP-125 (12-13)	GP-126 (4-6)	GP-126 (8-10)	GP-127 (8-9)
300 West Arnold		9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013
Date of Sample Collection:		8:15 AM	8:30 AM	8:30 AM	8:45 AM	8:45 AM	9:00 AM	9:00 AM	9:15 AM
Time of Sample Collection:		13-5210-020	13-5210-021	13-5210-022	13-5210-023	13-5210-024	13-5210-025	13-5210-026	13-5210-027
First Environmental Lab. Numbers:									
Contaminants of Concern:									
2-Hexanone	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	<0.005	<0.005	0.045	0.0506	<0.005	0.0079	0.0065
Toluene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	<0.005	0.0883	0.116	0.0324	0.0868	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)									
Date Analyzed:		Units	RDL						
Aroclor 1016	mg/kg	0.08							
Aroclor 1221	mg/kg	0.08							
Aroclor 1232	mg/kg	0.08							
Aroclor 1242	mg/kg	0.08							
Aroclor 1248	mg/kg	0.08							
Aroclor 1254	mg/kg	0.16							
Aroclor 1260	mg/kg	0.16							

EGSL															
300 West Arnold															
Date of Sample Collection:															
GP-127 (11-12)	9/18/2013	GP-128 (7-9)	9/18/2013	GP-128 (10-12)	9/18/2013	GP-129 (9-10)	9/18/2013	GP-129 (12-13)	9/18/2013	GP-130 (8-10)	9/18/2013	GP-130 (12-14)	9/18/2013	GP-131 (5-7)	9/18/2013
Time of Sample Collection:															
	9:15 AM	9:30 AM	9:30 AM	9:30 AM	9:30 AM	9:45 AM	9:45 AM	9:45 AM	9:45 AM	10:00 AM	10:00 AM	10:00 AM	10:00 AM	11:00 AM	
First Environmental Lab. Numbers:															
	13-5210-028	13-5210-029	13-5210-030	13-5210-031	13-5210-032	13-5210-033	13-5210-034	13-5210-035							

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013	9/23/2013
Total Solids	%		91.21	90.14	97.48	94.91	88.31	94.81	88.4	91.76				
Volatile Organic Compounds (5035A/8260B)														
Date Analyzed:	Units	RDL	9/25/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013	9/26/2013
Acetone	mg/kg	0.1	<0.1	0.166	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL		GP-127 (11-12)	GP-128 (7-9)	GP-128 (10-12)	GP-129 (9-10)	GP-129 (12-13)	GP-130 (8-10)	GP-130 (12-14)	GP-131 (5-7)
300 West Arnold		9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013	9/18/2013
Date of Sample Collection:		9:15 AM	9:30 AM	9:30 AM	9:45 AM	9:45 AM	10:00 AM	10:00 AM	11:00 AM
Time of Sample Collection:		13-5210-028	13-5210-029	13-5210-030	13-5210-031	13-5210-032	13-5210-033	13-5210-034	13-5210-035
First Environmental Lab. Numbers:									
Contaminants of Concern:									
2-Hexanone	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	0.0106	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0069	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)									
Date Analyzed:		Units		RDL					
Aroclor 1016	mg/kg	0.08							
Aroclor 1221	mg/kg	0.08							
Aroclor 1232	mg/kg	0.08							
Aroclor 1242	mg/kg	0.08							
Aroclor 1248	mg/kg	0.08							
Aroclor 1254	mg/kg	0.16							
Aroclor 1260	mg/kg	0.16							

EGSL									
300 West Arnold									
Date of Sample Collection:		GP-131 (13-14)	GP-132 (6-8)	GP-132 (10-12)	DISCHARGE	GP 201 (6-8)	GP 201 (12-14)	GP 202 (5-7)	GP 202 (12-14)
Time of Sample Collection:		9/18/2013 11:00 AM	9/18/2013 11:15 AM	9/18/2013 11:15 AM	9/18/2013 12:00 PM	10/18/2013 8:05 AM	10/18/2013 8:25 AM	10/18/2013 8:46 AM	10/18/2013 9:10 AM
First Environmental Lab. Numbers:		13-5210-036	13-5210-037	13-5210-038	13-5210-039	13-5754-001	13-5754-002	13-5754-003	13-5754-004

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	9/23/2013	9/23/2013	9/23/2013	10/21/2013	10/21/2013	10/21/2013	10/21/2013
Total Solids	%		91.42	90.53	88.2	64.4	89.97	90.28	88.97

Volatile Organic Compounds (5035A/8260B)

Date Analyzed:	Units	RDL	9/23/2013	9/26/2013	9/26/2013	9/26/2013	10/24/2013	10/24/2013	10/24/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	0.543	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	0.0084	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL		GP-131 (13-14)	GP-132 (6-8)	GP-132 (10-12)	DISCHARGE	GP 201 (6-8)	GP 201 (12-14)	GP 202 (5-7)	GP 202 (12-14)
300 West Arnold		9/18/2013	9/18/2013	9/18/2013	9/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Date of Sample Collection:		9/18/2013	9/18/2013	9/18/2013	9/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Time of Sample Collection:		11:00 AM	11:15 AM	11:15 AM	12:00 PM	8:05 AM	8:25 AM	8:46 AM	9:10 AM
First Environmental Lab. Numbers:		13-5210-036	13-5210-037	13-5210-038	13-5210-039	13-5754-001	13-5754-002	13-5754-003	13-5754-004
Contaminants of Concern:									
2-Hexanone	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	0.0209	0.0301	<0.005	0.0358
Toluene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	0.0282	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)									
Date Analyzed:		Units		RDL					
Aroclor 1016	mg/kg	0.08							
Aroclor 1221	mg/kg	0.08							
Aroclor 1232	mg/kg	0.08							
Aroclor 1242	mg/kg	0.08							
Aroclor 1248	mg/kg	0.08							
Aroclor 1254	mg/kg	0.16							
Aroclor 1260	mg/kg	0.16							

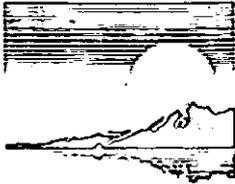
EGSL	
300 West Arnold	
Date of Sample Collection:	GP 203 (1-3) 10/18/2013
Time of Sample Collection:	9:45 AM
First Environmental Lab. Numbers:	13-5754-005
	GP 203 (7-8) 10/18/2013
	10:00 AM
	13-5754-006
	GP 203 (17-18) 10/18/2013
	10:14 AM
	13-5754-007
	GP 204 (1-3) 10/18/2013
	11:00 AM
	13-5754-008
	GP 204 (16-17) 10/18/2013
	11:17 AM
	13-5754-009
	GP 205 (7-9) 10/18/2013
	11:47 AM
	13-5754-010
	GP 205 (18-19) 10/18/2013
	12:00 PM
	13-5754-011

Contaminants of Concern:

Solids, Total (2540B)

Date Analyzed:	Units	RDL	10/21/2013	10/21/2013	10/21/2013	10/21/2013	10/21/2013	10/21/2013	10/21/2013	10/21/2013
Total Solids	%		90.29	87.03	89.14	95.77	90.85	94.02	89.43	
Volatile Organic Compounds (5035A/8260B)										
Date Analyzed:	Units	RDL	10/24/2013	10/24/2013	10/24/2013	10/24/2013	10/24/2013	10/24/2013	10/24/2013	10/24/2013
Acetone	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromoform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromomethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
2-Butanone (MEK)	mg/kg	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbon disulfide	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloroethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chloromethane	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/kg	0.005	0.0066	<0.005	<0.005	<0.005	0.0133	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	0.0056	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	0.0144	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
trans-1,3-Dichloropropene	mg/kg	0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Ethylbenzene	mg/kg	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL		GP 203 (1-3)	GP 203 (7-8)	GP 203 (17-18)	GP 204 (1-3)	GP 204 (16-17)	GP 205 (7-8)	GP 205 (18-19)
300 West Arnold		10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013	10/18/2013
Date of Sample Collection:		9:45 AM	10:00 AM	10:14 AM	11:00 AM	11:17 AM	11:47 AM	12:00 PM
Time of Sample Collection:		13-5754-005	13-5754-006	13-5754-007	13-5754-008	13-5754-009	13-5754-010	13-5754-011
First Environmental Lab. Numbers:								
Contaminants of Concern:								
2-Hexanone	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/kg	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Styrene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/kg	26.4	0.769	19.3	1.55	3.78	<0.005	<0.005
Toluene	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/kg	0.0954	0.0096	0.0117	0.0069	0.0153	<0.005	<0.005
1,1,2-Trichloroethane	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/kg	0.0474	<0.005	<0.005	<0.005	0.0058	<0.005	<0.005
Vinyl acetate	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/kg	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Xylene, Total	mg/kg	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Polychlorinated biphenyls (PCBs) (8082)								
Date Analyzed:		Units	RDL					
Aroclor 1016	mg/kg	0.08	10/25/2013	10/24/2013				
Aroclor 1221	mg/kg	0.08	<0.08	<0.08				
Aroclor 1232	mg/kg	0.08	<0.08	<0.08				
Aroclor 1242	mg/kg	0.08	<0.08	<0.08				
Aroclor 1248	mg/kg	0.08	<0.08	<0.08				
Aroclor 1254	mg/kg	0.16	<0.16	<0.16				
Aroclor 1260	mg/kg	0.16	<0.16	<0.16				



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September 11, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: 300 West
First Environmental File ID: 13-4868
Date Received: September 04, 2013

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003102: effective 02/14/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zawofski
Project Manager



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Case Narrative

EGSL

Project ID: **300 West**

First Environmental File ID: **13-4868**

Date Received: **September 04, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-100 (5-7)
Sample No: 13-4868-001

Date Collected: 09/03/13
Time Collected: 8:30
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/04/13				
Total Solids	89.25		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/10/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-100 (5-7)
Sample No: 13-4868-001

Date Collected: 09/03/13
Time Collected: 8:30
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/10/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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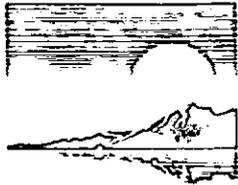
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-100 (15-17)
Sample No: 13-4868-002

Date Collected: 09/03/13
Time Collected: 8:40
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/04/13				
Total Solids	90.10		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/10/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-100 (15-17)
Sample No: 13-4868-002

Date Collected: 09/03/13
Time Collected: 8:40
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/10/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-101 (7-9)
Sample No: 13-4868-003

Date Collected: 09/03/13
Time Collected: 10:10
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/04/13				
Total Solids	90.18		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/10/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-101 (7-9)
Sample No: 13-4868-003

Date Collected: 09/03/13
Time Collected: 10:10
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/10/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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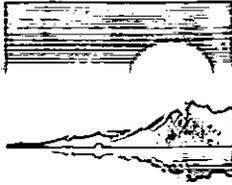
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-101 (13-15)
Sample No: 13-4868-004

Date Collected: 09/03/13
Time Collected: 10:15
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/04/13				
Total Solids	88.71		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/10/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-101 (13-15)
Sample No: 13-4868-004

Date Collected: 09/03/13
Time Collected: 10:15
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/10/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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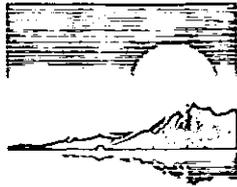
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-102 (7-9)
Sample No: 13-4868-005

Date Collected: 09/03/13
Time Collected: 12:00
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/04/13				
Total Solids	85.10		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/10/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	5.8	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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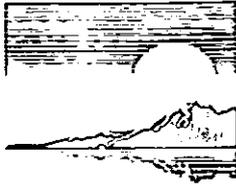
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-102 (7-9)
Sample No: 13-4868-005

Date Collected: 09/03/13
Time Collected: 12:00
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/10/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-102 (13-15)
Sample No: 13-4868-006

Date Collected: 09/03/13
Time Collected: 12:10
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/04/13				
Total Solids	92.08		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/10/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	6.4	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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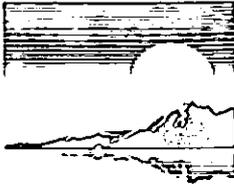
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-102 (13-15)
Sample No: 13-4868-006

Date Collected: 09/03/13
Time Collected: 12:10
Date Received: 09/04/13
Date Reported: 09/11/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/10/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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September 12, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: 300 West
First Environmental File ID: 13-4908
Date Received: September 05, 2013

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



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Case Narrative

EGSL

Project ID: **300 West**

First Environmental File ID: **13-4908**

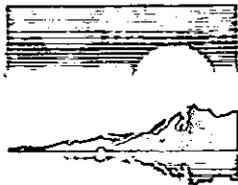
Date Received: **September 05, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-103 (1-3)
Sample No: 13-4908-001

Date Collected: 09/04/13
Time Collected: 6:00
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	91.20		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-103 (1-3)
Sample No: 13-4908-001

Date Collected: 09/04/13
Time Collected: 6:00
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-103 (8-10)
Sample No: 13-4908-002

Date Collected: 09/04/13
Time Collected: 6:10
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	90.38		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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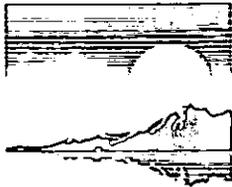
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-103 (8-10)
Sample No: 13-4908-002

Date Collected: 09/04/13
Time Collected: 6:10
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-104 (3-5)
Sample No: 13-4908-003

Date Collected: 09/04/13
Time Collected: 8:00
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	90.59		%	
Volatile Organic Compounds		Method: S035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-104 (3-5)
Sample No: 13-4908-003

Date Collected: 09/04/13
Time Collected: 8:00
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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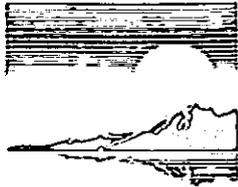
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-104 (8-10)
Sample No: 13-4908-004

Date Collected: 09/04/13
Time Collected: 8:05
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	90.12		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-104 (8-10)
Sample No: 13-4908-004

Date Collected: 09/04/13
Time Collected: 8:05
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-105 (6-7)
Sample No: 13-4908-005

Date Collected: 09/04/13
Time Collected: 10:15
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	95.93		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	10.3	5.0	ug/kg	
Toluene	9.1	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-105 (6-7)
Sample No: 13-4908-005

Date Collected: 09/04/13
Time Collected: 10:15
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	7.8	5.0	ug/kg	



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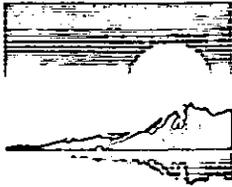
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-105 (11-12)
Sample No: 13-4908-006

Date Collected: 09/04/13
Time Collected: 10:30
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	95.13		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	15.4	5.0	ug/kg	
Toluene	6.9	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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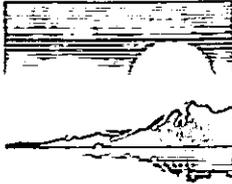
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-105 (11-12)
Sample No: 13-4908-006

Date Collected: 09/04/13
Time Collected: 10:30
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	5.6	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-106 (5-7)
Sample No: 13-4908-007

Date Collected: 09/04/13
Time Collected: 12:05
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	95.72		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	20.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	5.4	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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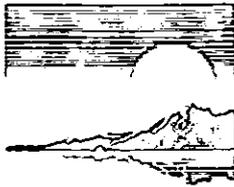
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-106 (5-7)
Sample No: 13-4908-007

Date Collected: 09/04/13
Time Collected: 12:05
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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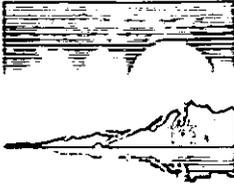
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-106 (9-11)
Sample No: 13-4908-008

Date Collected: 09/04/13
Time Collected: 12:10
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	91.08		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/11/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	37.8	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	33.6	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-106 (9-11)
Sample No: 13-4908-008

Date Collected: 09/04/13
Time Collected: 12:10
Date Received: 09/05/13
Date Reported: 09/12/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/11/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: Pond 1
Sample No: 13-4908-009

Date Collected: 09/04/13
Time Collected: 12:45
Date Received: 09/05/13
Date Reported: 09/12/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/06/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	7.2	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	95.9	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

CHAIN OF CUSTODY RECORD

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 1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)778-1200 • Fax: (630)778-1233
 E-Mail: info@firstenv.com
 TEPA Accreditation #100292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Polk Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappellini and Bill Lennon

Project I.D.: 300 WEST
 P.O. #:

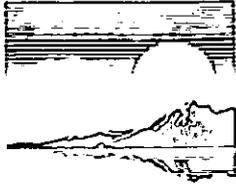
Date/Time Taken	Sample Description	Matrix	Comments	Lab I.D.
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0610	GP-103 (8-10)			002
0800	GP-104 (3-5)			003
0805	GP-104 (8-10)			004
1015	GP-105 (6-7)			005
1030	GP-105 (11-12)			006
1205	GP-106 (5-7)			007
1210	GP-106 (9-11)			008
1245	PEND 1	W		009

Enter analyses required on the lines to the left.
 Place an "X" in the box below to indicate which samples require what analysis.

FOR LAB USE ONLY: Cooler Temperature: 1-0°C Yes No
 Received within 0 hrs of collection: Yes No
 Ice Present: Yes No
 Sample Refrigerated: Yes No
 Refrigerator Temperature: 4°C
 Containers Received Preserved: Yes No
 6000 Vials Present: Yes No
 Freezer Temperature: °C

Notes and Special Instructions:

Relinquished By: GC Date/Time: 9/5/13 0400 Received By: [Signature] Date/Time: 7/5/13 11
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____



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September 13, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: 300 West
First Environmental File ID: 13-4930
Date Received: September 06, 2013

Dear Mr. William Lennon:

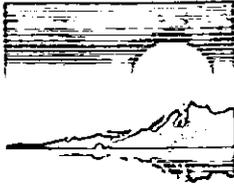
The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager



Case Narrative

EGSL

Project ID: **300 West**

First Environmental File ID: **13-4930**

Date Received: **September 06, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-107 (8-10)
Sample No: 13-4930-001

Date Collected: 09/05/13
Time Collected: 6:30
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	91.65		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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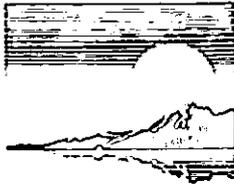
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-107 (8-10)
Sample No: 13-4930-001

Date Collected: 09/05/13
Time Collected: 6:30
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-107 (12-14)
Sample No: 13-4930-002

Date Collected: 09/05/13
Time Collected: 6:40
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	90.14		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-107 (12-14)
Sample No: 13-4930-002

Date Collected: 09/05/13
Time Collected: 6:40
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-108 (6-8)
Sample No: 13-4930-003

Date Collected: 09/05/13
Time Collected: 8:15
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	88.83		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	7.4	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	24.6	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-108 (6-8)
Sample No: 13-4930-003

Date Collected: 09/05/13
Time Collected: 8:15
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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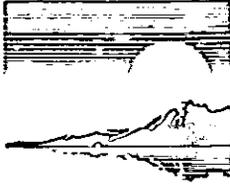
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-108 (10-12)
Sample No: 13-4930-004

Date Collected: 09/05/13
Time Collected: 8:30
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	89.48		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	49.4	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-108 (10-12)
Sample No: 13-4930-004

Date Collected: 09/05/13
Time Collected: 8:30
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-109 (7-9)
Sample No: 13-4930-005

Date Collected: 09/05/13
Time Collected: 11:00
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	88.86		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL

Project ID: 300 West

Sample ID: GP-109 (7-9)

Sample No: 13-4930-005

Date Collected: 09/05/13

Time Collected: 11:00

Date Received: 09/06/13

Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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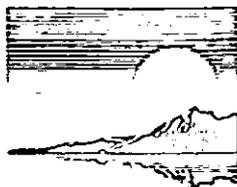
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-109 (9-11)
Sample No: 13-4930-006

Date Collected: 09/05/13
Time Collected: 11:05
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	90.17		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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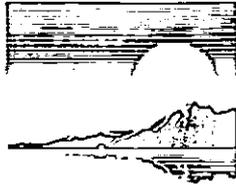
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-109 (9-11)
Sample No: 13-4930-006

Date Collected: 09/05/13
Time Collected: 11:05
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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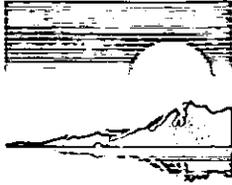
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-110 (5-7)
Sample No: 13-4930-007

Date Collected: 09/05/13
Time Collected: 13:30
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	85.81		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-110 (5-7)
Sample No: 13-4930-007

Date Collected: 09/05/13
Time Collected: 13:30
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-110 (7-9)
Sample No: 13-4930-008

Date Collected: 09/05/13
Time Collected: 13:35
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/06/13				
Total Solids	90.18		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/12/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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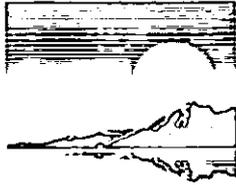
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-110 (7-9)
Sample No: 13-4930-008

Date Collected: 09/05/13
Time Collected: 13:35
Date Received: 09/06/13
Date Reported: 09/13/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/12/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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September 16, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: 300 West
First Environmental File ID: 13-4959
Date Received: September 09, 2013

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

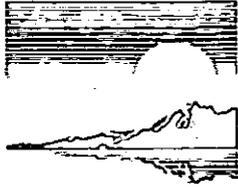
All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



Case Narrative

EGSL

Project ID: **300 West**

First Environmental File ID: **13-4959**

Date Received: **September 09, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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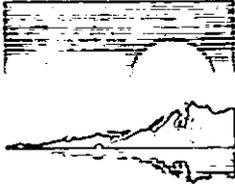
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-111 (5-7)
Sample No: 13-4959-001

Date Collected: 09/06/13
Time Collected: 6:30
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/10/13				
Total Solids	89.31		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/13/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	5.2	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-111 (5-7)
Sample No: 13-4959-001

Date Collected: 09/06/13
Time Collected: 6:30
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/13/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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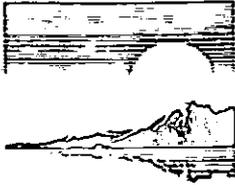
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-111 (8-10)
Sample No: 13-4959-002

Date Collected: 09/06/13
Time Collected: 6:45
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/10/13				
Total Solids	87.17		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/13/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-111 (8-10)
Sample No: 13-4959-002

Date Collected: 09/06/13
Time Collected: 6:45
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/13/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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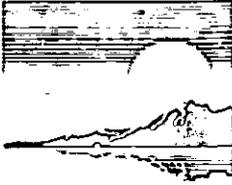
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-112 (4-6)
Sample No: 13-4959-003

Date Collected: 09/06/13
Time Collected: 8:45
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/10/13				
Total Solids	93.03		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/13/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	9.1	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-112 (4-6)
Sample No: 13-4959-003

Date Collected: 09/06/13
Time Collected: 8:45
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/13/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-112 (8-10)
Sample No: 13-4959-004

Date Collected: 09/06/13
Time Collected: 8:55
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/10/13				
Total Solids	90.86		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/13/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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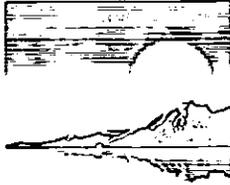
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-112 (8-10)
Sample No: 13-4959-004

Date Collected: 09/06/13
Time Collected: 8:55
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/13/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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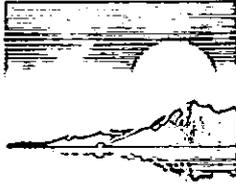
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-113 (8-10)
Sample No: 13-4959-005

Date Collected: 09/06/13
Time Collected: 12:00
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/10/13				
Total Solids	92.89		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/13/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	24.1	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-113 (8-10)
Sample No: 13-4959-005

Date Collected: 09/06/13
Time Collected: 12:00
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/13/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-113 (10-12)
Sample No: 13-4959-006

Date Collected: 09/06/13
Time Collected: 12:10
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/10/13				
Total Solids	91.84		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/13/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	34.0	5.0	ug/kg	
Toluene	6.1	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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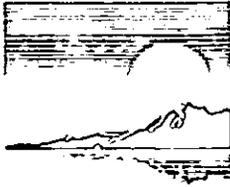
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-113 (10-12)
Sample No: 13-4959-006

Date Collected: 09/06/13
Time Collected: 12:10
Date Received: 09/09/13
Date Reported: 09/16/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/13/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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September 27, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: 300 West
First Environmental File ID: 13-5210
Date Received: September 20, 2013

Dear Mr. William Lennon:

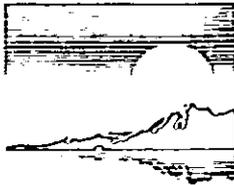
The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,

Neal Cleghorn
Project Manager



Case Narrative

EGSL

Project ID: 300 West

First Environmental File ID: 13-5210

Date Received: September 20, 2013

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

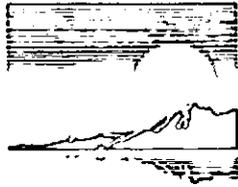
Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.

Method Comments

Lab Number	Sample ID	Comments:
13-5210-009	GP-118 (9-10)	<i>Volatile Organic Compounds</i> The reporting limits are elevated due to matrix interference.
13-5210-010	GP-118 (11-13)	<i>Volatile Organic Compounds</i> The reporting limits are elevated due to matrix interference.
13-5210-015	GP-121 (8-9)	<i>Volatile Organic Compounds</i> The reporting limits are elevated due to matrix interference.
13-5210-016	GP-121 (13-14)	<i>Volatile Organic Compounds</i> The reporting limits are elevated due to matrix interference.



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-114 (6-7)
Sample No: 13-5210-001

Date Collected: 09/18/13
Time Collected: 6:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	87.01		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-114 (6-7)
Sample No: 13-5210-001

Date Collected: 09/18/13
Time Collected: 6:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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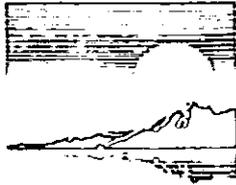
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-114 (12-13)
Sample No: 13-5210-002

Date Collected: 09/18/13
Time Collected: 6:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	85.38		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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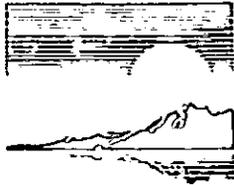
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-114 (12-13)
Sample No: 13-5210-002

Date Collected: 09/18/13
Time Collected: 6:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-115 (8-12)
Sample No: 13-5210-003

Date Collected: 09/18/13
Time Collected: 6:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	88.71		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	9.8	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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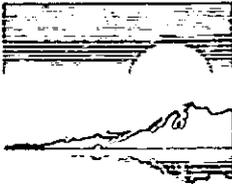
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-115 (8-12)
Sample No: 13-5210-003

Date Collected: 09/18/13
Time Collected: 6:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-115 (12-13)
Sample No: 13-5210-004

Date Collected: 09/18/13
Time Collected: 6:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.12		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	10.7	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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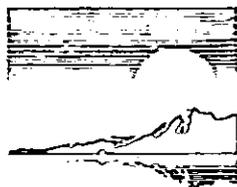
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-115 (12-13)
Sample No: 13-5210-004

Date Collected: 09/18/13
Time Collected: 6:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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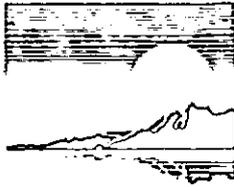
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-116 (5-7)
Sample No: 13-5210-005

Date Collected: 09/18/13
Time Collected: 6:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	89.20		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-116 (5-7)
Sample No: 13-5210-005

Date Collected: 09/18/13
Time Collected: 6:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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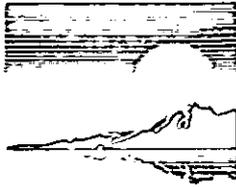
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-116 (13-15)
Sample No: 13-5210-006

Date Collected: 09/18/13
Time Collected: 6:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.70		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	32.5	5.0	ug/kg	
trans-1,2-Dichloroethene	5.6	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	47.3	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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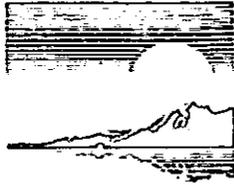
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-116 (13-15)
Sample No: 13-5210-006

Date Collected: 09/18/13
Time Collected: 6:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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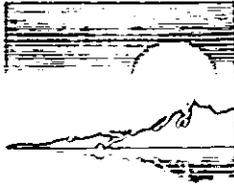
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-117 (9-10)
Sample No: 13-5210-007

Date Collected: 09/18/13
Time Collected: 6:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.31		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-117 (9-10)
Sample No: 13-5210-007

Date Collected: 09/18/13
Time Collected: 6:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-117 (13-14)
Sample No: 13-5210-008

Date Collected: 09/18/13
Time Collected: 6:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	89.46		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-117 (13-14)
Sample No: 13-5210-008

Date Collected: 09/18/13
Time Collected: 6:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



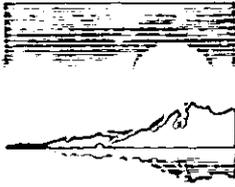
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-118 (9-10)
Sample No: 13-5210-009

Date Collected: 09/18/13
Time Collected: 7:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	89.08		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/24/13				
Acetone	< 10,000	100	ug/kg	
Benzene	< 25.0	5.0	ug/kg	
Bromodichloromethane	< 500	5.0	ug/kg	
Bromoform	< 500	5.0	ug/kg	
Bromomethane	< 1,000	10.0	ug/kg	
2-Butanone (MEK)	< 10,000	100	ug/kg	
Carbon disulfide	< 500	5.0	ug/kg	
Carbon tetrachloride	< 500	5.0	ug/kg	
Chlorobenzene	< 500	5.0	ug/kg	
Chlorodibromomethane	< 500	5.0	ug/kg	
Chloroethane	< 1,000	10.0	ug/kg	
Chloroform	< 500	5.0	ug/kg	
Chloromethane	< 1,000	10.0	ug/kg	
1,1-Dichloroethane	491	5.0	ug/kg	
1,2-Dichloroethane	< 500	5.0	ug/kg	
1,1-Dichloroethene	4,420	5.0	ug/kg	
cis-1,2-Dichloroethene	< 400	5.0	ug/kg	
trans-1,2-Dichloroethene	< 500	5.0	ug/kg	
1,2-Dichloropropane	< 500	5.0	ug/kg	
cis-1,3-Dichloropropene	< 400	4.0	ug/kg	
trans-1,3-Dichloropropene	< 400	4.0	ug/kg	
Ethylbenzene	< 500	5.0	ug/kg	
2-Hexanone	< 1,000	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 320	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 1,000	10.0	ug/kg	
Methylene chloride	< 2,000	20.0	ug/kg	
Styrene	< 500	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 500	5.0	ug/kg	
Tetrachloroethene	3,670	5.0	ug/kg	
Toluene	569	5.0	ug/kg	
1,1,1-Trichloroethane	28,100	5.0	ug/kg	
1,1,2-Trichloroethane	< 500	5.0	ug/kg	
Trichloroethene	< 500	5.0	ug/kg	



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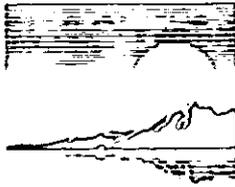
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-118 (9-10)
Sample No: 13-5210-009

Date Collected: 09/18/13
Time Collected: 7:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/24/13				
Vinyl acetate	< 1,000	10.0	ug/kg	
Vinyl chloride	< 1,000	10.0	ug/kg	
Xylene, Total	< 500	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-118 (11-13)
Sample No: 13-5210-010

Date Collected: 09/18/13
Time Collected: 7:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.45		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/24/13				
Acetone	< 10,000	100	ug/kg	
Benzene	< 25.0	5.0	ug/kg	
Bromodichloromethane	< 500	5.0	ug/kg	
Bromoform	< 500	5.0	ug/kg	
Bromomethane	< 1,000	10.0	ug/kg	
2-Butanone (MEK)	< 10,000	100	ug/kg	
Carbon disulfide	< 500	5.0	ug/kg	
Carbon tetrachloride	< 500	5.0	ug/kg	
Chlorobenzene	< 500	5.0	ug/kg	
Chlorodibromomethane	< 500	5.0	ug/kg	
Chloroethane	< 1,000	10.0	ug/kg	
Chloroform	< 500	5.0	ug/kg	
Chloromethane	< 1,000	10.0	ug/kg	
1,1-Dichloroethane	< 500	5.0	ug/kg	
1,2-Dichloroethane	< 500	5.0	ug/kg	
1,1-Dichloroethene	3,400	5.0	ug/kg	
cis-1,2-Dichloroethene	< 400	5.0	ug/kg	
trans-1,2-Dichloroethene	< 500	5.0	ug/kg	
1,2-Dichloropropane	< 500	5.0	ug/kg	
cis-1,3-Dichloropropene	< 400	4.0	ug/kg	
trans-1,3-Dichloropropene	< 400	4.0	ug/kg	
Ethylbenzene	< 500	5.0	ug/kg	
2-Hexanone	< 1,000	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 320	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 1,000	10.0	ug/kg	
Methylene chloride	< 2,000	20.0	ug/kg	
Styrene	< 500	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 500	5.0	ug/kg	
Tetrachloroethene	2,110	5.0	ug/kg	
Toluene	< 500	5.0	ug/kg	
1,1,1-Trichloroethane	19,500	5.0	ug/kg	
1,1,2-Trichloroethane	< 500	5.0	ug/kg	
Trichloroethene	< 500	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-118 (11-13)
Sample No: 13-5210-010

Date Collected: 09/18/13
Time Collected: 7:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/24/13				
Vinyl acetate	< 1,000	10.0	ug/kg	
Vinyl chloride	< 1,000	10.0	ug/kg	
Xylene, Total	< 500	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-119 (5-7)
Sample No: 13-5210-011
Results are reported on a dry weight basis.

Date Collected: 09/18/13
Time Collected: 7:15
Date Received: 09/20/13
Date Reported: 09/27/13

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	92.45		%	

Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-119 (5-7)
Sample No: 13-5210-011

Date Collected: 09/18/13
Time Collected: 7:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-119 (12-14)
Sample No: 13-5210-012

Date Collected: 09/18/13
Time Collected: 7:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	89.63		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-119 (12-14)
Sample No: 13-5210-012

Date Collected: 09/18/13
Time Collected: 7:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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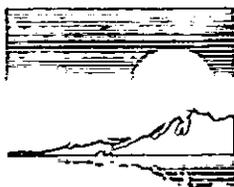
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-120 (4-6)
Sample No: 13-5210-013

Date Collected: 09/18/13
Time Collected: 7:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	81.95		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	80.7	5.0	ug/kg	
Toluene	6.4	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-120 (4-6)
Sample No: 13-5210-013

Date Collected: 09/18/13
Time Collected: 7:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	5.5	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-120 (8-10)
Sample No: 13-5210-014

Date Collected: 09/18/13
Time Collected: 7:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	92.54		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	89.4	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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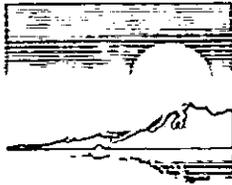
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-120 (8-10)
Sample No: 13-5210-014

Date Collected: 09/18/13
Time Collected: 7:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-121 (8-9)
Sample No: 13-5210-015

Date Collected: 09/18/13
Time Collected: 7:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	93.14		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/24/13				
Acetone	< 10,000	100	ug/kg	
Benzene	< 25.0	5.0	ug/kg	
Bromodichloromethane	< 500	5.0	ug/kg	
Bromoform	< 500	5.0	ug/kg	
Bromomethane	< 1,000	10.0	ug/kg	
2-Butanone (MEK)	< 10,000	100	ug/kg	
Carbon disulfide	< 500	5.0	ug/kg	
Carbon tetrachloride	< 500	5.0	ug/kg	
Chlorobenzene	< 500	5.0	ug/kg	
Chlorodibromomethane	< 500	5.0	ug/kg	
Chloroethane	< 1,000	10.0	ug/kg	
Chloroform	< 500	5.0	ug/kg	
Chloromethane	< 1,000	10.0	ug/kg	
1,1-Dichloroethane	< 500	5.0	ug/kg	
1,2-Dichloroethane	< 500	5.0	ug/kg	
1,1-Dichloroethene	< 500	5.0	ug/kg	
cis-1,2-Dichloroethene	< 400	5.0	ug/kg	
trans-1,2-Dichloroethene	< 500	5.0	ug/kg	
1,2-Dichloropropane	< 500	5.0	ug/kg	
cis-1,3-Dichloropropene	< 400	4.0	ug/kg	
trans-1,3-Dichloropropene	< 400	4.0	ug/kg	
Ethylbenzene	< 500	5.0	ug/kg	
2-Hexanone	< 1,000	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 320	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 1,000	10.0	ug/kg	
Methylene chloride	< 2,000	20.0	ug/kg	
Styrene	< 500	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 500	5.0	ug/kg	
Tetrachloroethene	3,500	5.0	ug/kg	
Toluene	< 500	5.0	ug/kg	
1,1,1-Trichloroethane	< 500	5.0	ug/kg	
1,1,2-Trichloroethane	< 500	5.0	ug/kg	
Trichloroethene	< 500	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-121 (8-9)
Sample No: 13-5210-015

Date Collected: 09/18/13
Time Collected: 7:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/24/13				
Vinyl acetate	< 1,000	10.0	ug/kg	
Vinyl chloride	< 1,000	10.0	ug/kg	
Xylene, Total	< 500	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-121 (13-14)
Sample No: 13-5210-016

Date Collected: 09/18/13
Time Collected: 7:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.91		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/24/13				
Acetone	< 10,000	100	ug/kg	
Benzene	< 25.0	5.0	ug/kg	
Bromodichloromethane	< 500	5.0	ug/kg	
Bromoform	< 500	5.0	ug/kg	
Bromomethane	< 1,000	10.0	ug/kg	
2-Butanone (MEK)	< 10,000	100	ug/kg	
Carbon disulfide	< 500	5.0	ug/kg	
Carbon tetrachloride	< 500	5.0	ug/kg	
Chlorobenzene	< 500	5.0	ug/kg	
Chlorodibromomethane	< 500	5.0	ug/kg	
Chloroethane	< 1,000	10.0	ug/kg	
Chloroform	< 500	5.0	ug/kg	
Chloromethane	< 1,000	10.0	ug/kg	
1,1-Dichloroethane	< 500	5.0	ug/kg	
1,2-Dichloroethane	< 500	5.0	ug/kg	
1,1-Dichloroethene	< 500	5.0	ug/kg	
cis-1,2-Dichloroethene	< 400	5.0	ug/kg	
trans-1,2-Dichloroethene	< 500	5.0	ug/kg	
1,2-Dichloropropane	< 500	5.0	ug/kg	
cis-1,3-Dichloropropene	< 400	4.0	ug/kg	
trans-1,3-Dichloropropene	< 400	4.0	ug/kg	
Ethylbenzene	< 500	5.0	ug/kg	
2-Hexanone	< 1,000	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 320	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 1,000	10.0	ug/kg	
Methylene chloride	< 2,000	20.0	ug/kg	
Styrene	< 500	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 500	5.0	ug/kg	
Tetrachloroethene	7,010	5.0	ug/kg	
Toluene	< 500	5.0	ug/kg	
1,1,1-Trichloroethane	< 500	5.0	ug/kg	
1,1,2-Trichloroethane	< 500	5.0	ug/kg	
Trichloroethene	< 500	5.0	ug/kg	



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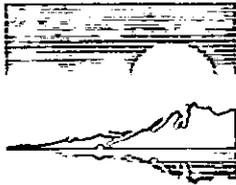
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-121 (13-14)
Sample No: 13-5210-016

Date Collected: 09/18/13
Time Collected: 7:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/24/13				
Vinyl acetate	< 1,000	10.0	ug/kg	
Vinyl chloride	< 1,000	10.0	ug/kg	
Xylene, Total	< 500	5.0	ug/kg	



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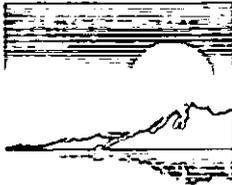
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-122 (9-10)
Sample No: 13-5210-017

Date Collected: 09/18/13
Time Collected: 8:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	92.21		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	6.3	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	23.5	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	37.9	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-122 (9-10)
Sample No: 13-5210-017

Date Collected: 09/18/13
Time Collected: 8:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-122 (12-14)
Sample No: 13-5210-018

Date Collected: 09/18/13
Time Collected: 8:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.16		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	19.2	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	21.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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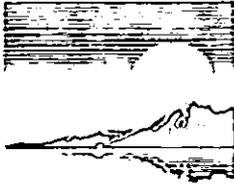
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-122 (12-14)
Sample No: 13-5210-018

Date Collected: 09/18/13
Time Collected: 8:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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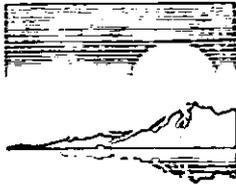
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-123 (5-7)
Sample No: 13-5210-019

Date Collected: 09/18/13
Time Collected: 8:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.00		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-123 (5-7)
Sample No: 13-5210-019

Date Collected: 09/18/13
Time Collected: 8:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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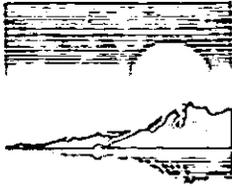
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-123 (8-10)
Sample No: 13-5210-020

Date Collected: 09/18/13
Time Collected: 8:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.21		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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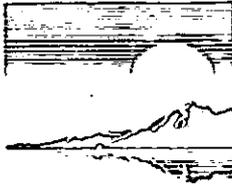
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-123 (8-10)
Sample No: 13-5210-020

Date Collected: 09/18/13
Time Collected: 8:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-124 (5-7)
Sample No: 13-5210-021

Date Collected: 09/18/13
Time Collected: 8:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	89.70		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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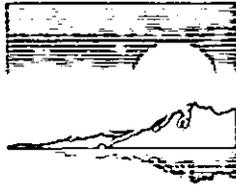
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-124 (5-7)
Sample No: 13-5210-021

Date Collected: 09/18/13
Time Collected: 8:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-124 (10-12)
Sample No: 13-5210-022

Date Collected: 09/18/13
Time Collected: 8:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.70		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-124 (10-12)
Sample No: 13-5210-022

Date Collected: 09/18/13
Time Collected: 8:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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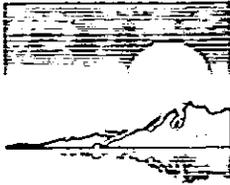
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-125 (7-8)
Sample No: 13-5210-023

Date Collected: 09/18/13
Time Collected: 8:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.34		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	26.4	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	45.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	88.3	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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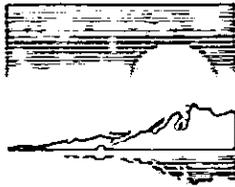
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-125 (7-8)
Sample No: 13-5210-023

Date Collected: 09/18/13
Time Collected: 8:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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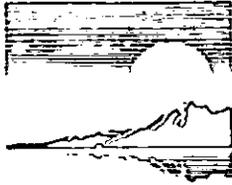
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-125 (12-13)
Sample No: 13-5210-024

Date Collected: 09/18/13
Time Collected: 8:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.30		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	50.2	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	50.6	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	116	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-125 (12-13)
Sample No: 13-5210-024

Date Collected: 09/18/13
Time Collected: 8:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-126 (4-6)
Sample No: 13-5210-025

Date Collected: 09/18/13
Time Collected: 9:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	89.76		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	32.4	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-126 (4-6)
Sample No: 13-5210-025

Date Collected: 09/18/13
Time Collected: 9:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-126 (8-10)
Sample No: 13-5210-026

Date Collected: 09/18/13
Time Collected: 9:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.41		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	7.9	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	86.8	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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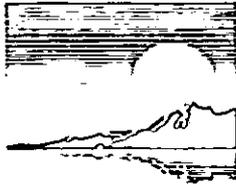
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-126 (8-10)
Sample No: 13-5210-026

Date Collected: 09/18/13
Time Collected: 9:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-127 (8-9)
Sample No: 13-5210-027

Date Collected: 09/18/13
Time Collected: 9:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.49		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	6.5	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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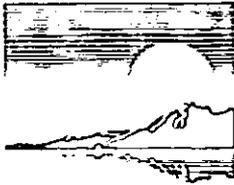
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-127 (8-9)
Sample No: 13-5210-027

Date Collected: 09/18/13
Time Collected: 9:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-127 (11-12)
Sample No: 13-5210-028

Date Collected: 09/18/13
Time Collected: 9:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.21		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/25/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	10.6	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	5.7	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-127 (11-12)
Sample No: 13-5210-028

Date Collected: 09/18/13
Time Collected: 9:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/25/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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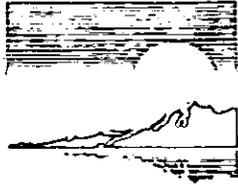
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-128 (7-9)
Sample No: 13-5210-029

Date Collected: 09/18/13
Time Collected: 9:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.14		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	166	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-128 (7-9)
Sample No: 13-5210-029

Date Collected: 09/18/13
Time Collected: 9:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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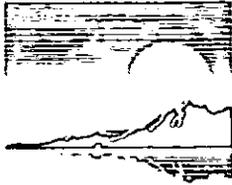
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-128 (10-12)
Sample No: 13-5210-030

Date Collected: 09/18/13
Time Collected: 9:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	97.48		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-128 (10-12)
Sample No: 13-5210-030

Date Collected: 09/18/13
Time Collected: 9:30
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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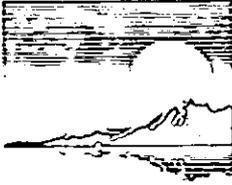
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-129 (9-10)
Sample No: 13-5210-031

Date Collected: 09/18/13
Time Collected: 9:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	94.91		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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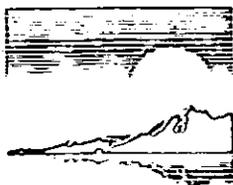
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-129 (9-10)
Sample No: 13-5210-031

Date Collected: 09/18/13
Time Collected: 9:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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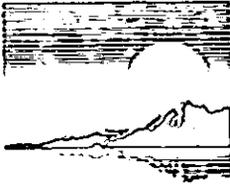
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-129 (12-13)
Sample No: 13-5210-032

Date Collected: 09/18/13
Time Collected: 9:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	88.31		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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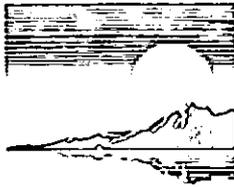
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-129 (12-13)
Sample No: 13-5210-032

Date Collected: 09/18/13
Time Collected: 9:45
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-130 (8-10)
Sample No: 13-5210-033

Date Collected: 09/18/13
Time Collected: 10:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	94.81		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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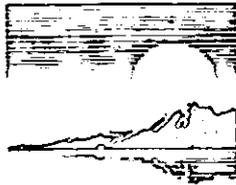
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-130 (8-10)
Sample No: 13-5210-033

Date Collected: 09/18/13
Time Collected: 10:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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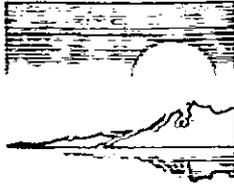
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-130 (12-14)
Sample No: 13-5210-034

Date Collected: 09/18/13
Time Collected: 10:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	88.40		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	6.9	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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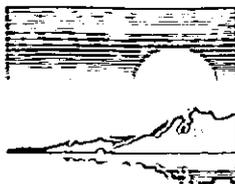
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-130 (12-14)
Sample No: 13-5210-034

Date Collected: 09/18/13
Time Collected: 10:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-131 (5-7)
Sample No: 13-5210-035

Date Collected: 09/18/13
Time Collected: 11:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.76		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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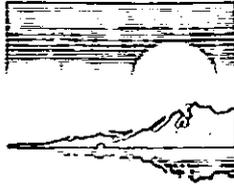
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-131 (5-7)
Sample No: 13-5210-035

Date Collected: 09/18/13
Time Collected: 11:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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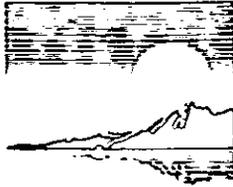
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-131 (13-14)
Sample No: 13-5210-036

Date Collected: 09/18/13
Time Collected: 11:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	91.42		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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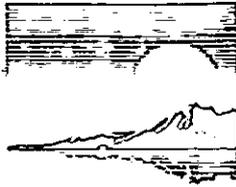
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-131 (13-14)
Sample No: 13-5210-036

Date Collected: 09/18/13
Time Collected: 11:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-132 (6-8)
Sample No: 13-5210-037

Date Collected: 09/18/13
Time Collected: 11:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	90.53		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-132 (6-8)
Sample No: 13-5210-037

Date Collected: 09/18/13
Time Collected: 11:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-132 (10-12)
Sample No: 13-5210-038

Date Collected: 09/18/13
Time Collected: 11:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	88.20		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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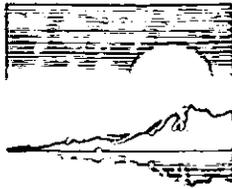
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: GP-132 (10-12)
Sample No: 13-5210-038

Date Collected: 09/18/13
Time Collected: 11:15
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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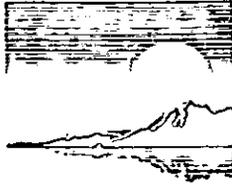
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: DISCHARGE
Sample No: 13-5210-039

Date Collected: 09/18/13
Time Collected: 12:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 09/23/13				
Total Solids	64.40		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 09/26/13				
Acetone	543	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	8.4	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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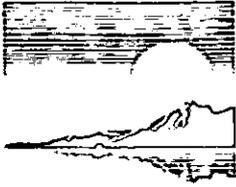
Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: DISCHARGE
Sample No: 13-5210-039

Date Collected: 09/18/13
Time Collected: 12:00
Date Received: 09/20/13
Date Reported: 09/27/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 09/26/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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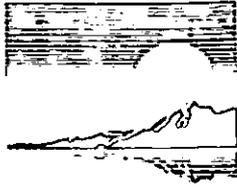
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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: POND 1
Sample No: 13-5210-040

Date Collected: 09/18/13
Time Collected: 12:15
Date Received: 09/20/13
Date Reported: 09/27/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/23/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	4.1	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	71.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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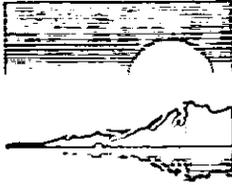
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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: POND 2
Sample No: 13-5210-041

Date Collected: 09/18/13
Time Collected: 12:20
Date Received: 09/20/13
Date Reported: 09/27/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/23/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	4.3	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	78.2	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: POND 3
Sample No: 13-5210-042

Date Collected: 09/18/13
Time Collected: 12:25
Date Received: 09/20/13
Date Reported: 09/27/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/23/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	4.3	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	89.6	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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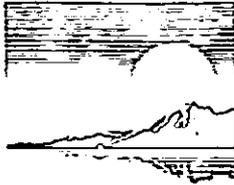
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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: POND 4
Sample No: 13-5210-043

Date Collected: 09/18/13
Time Collected: 12:30
Date Received: 09/20/13
Date Reported: 09/27/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/23/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	4.5	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	98.3	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West
Sample ID: DISCHARGE
Sample No: 13-5210-044

Date Collected: 09/18/13
Time Collected: 12:45
Date Received: 09/20/13
Date Reported: 09/27/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 09/23/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	4.2	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	89.6	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

CHAIN OF CUSTODY RECORD

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 1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)778-1200 • Fax (630)778-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #109292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Park Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappellini and Bill Lennon

Project I.D.: 300 WEST
 P.O. #:

Date/Time Taken	Sample Description	Matrix	Comments	Lab ID.
9/18 600	6P-114 (6-7)	S	VOCs	001
620	6P-114 (8-13)			002
645	6P-115 (8-12)			003
625	6P-115 (12-13)			004
630	6P-116 (5-7)			005
630	6P-116 (13-15)			006
645	6P-117 (9-10)			007
645	6P-117 (13-14)			008
700	6P-118 (9-10)			009
700	6P-118 (11-13)			010
715	6P-119 (5-7)			011
715	6P-119 (12-14)			012

Enter analyses required on the lines to the left. Place an 'X' in the box below to indicate which samples require what analysis.

FOR LAB USE ONLY: Cooler Temperature: 0.1-0°C Yes No Resealed within 0 hrs of collection: Yes No Ice Present: Yes No
 Sample Refrigerated: Yes No
 9005 Vials Present: Yes No
 Freezer Temperature: _____ °C

Notes and Special Instructions:

Refiniquished By: Lo Date/Time: 9/19 1:00 Received By: [Signature] Date/Time: 9/24/13
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____
 Rev 1/07 107

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E-Mail: info@firstenv.com
IEPA Accreditation #109292

Company Name: Environmental Group Services, Ltd.
Street Address: 557 West Polk Street - Suite 201
City: Chicago State: IL Zip: 60607
Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: many@egsl.com / bill@egsl.com
Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
Sampled By: Mary Cappellini and Bill Lennon

Date/Time Taken	Sample Description	Matrix	Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.	Comments	Lab I.D.
Project I.D.: 300 WEST					
P.O. #:					
8/18 730	6P-120 (4-6)	S		13-5210-	013
730	6P-120 (8-10)				014
745	6P-121 (8-9)				015
745	6P-121 (13-14)				016
800	6P-122 (9-10)				017
800	6P-122 (12-14)				018
815	6P-123 (5-7)				019
815	6P-123 (8-10)				020
830	6P-124 (5-7)				021
830	6P-124 (10-12)				022
845	6P-125 (7-8)				023
845	6P-125 (12-13)				024

FOR LAB USE ONLY: Sample Temperature: 10°C Yes No _____ °C
 Received within 0 hrs of collection: _____ °C
 Ice Present: Yes No _____ °C
 Sample Refrigerated: Yes No _____ °C
 G23 Vials Frozen: Yes No _____ °C
 Dryer Temperature: _____ °C

Notes and Special Instructions:

Relinquished By: UC Date/Time: 9/14 1200 Received By: [Signature] Date/Time: 9/20/19 1041
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____
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 Naperville, IL 60563
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 E-Mail: info@firstenv.com
 IEPA Accreditation #100292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Park Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappellini and Bill Lennon

Date/Time Taken	Sample Description	Matrix	Comments	Lab ID.
8/18 900	GP-126 (4-6)	S	Vocs	025
900	GP-126 (8-10)			026
915	GP-127 (8-9)			027
915	GP-127 (11-12)			028
930	GP-128 (7-9)			029
930	GP-128 (10-12)			030
945	GP-129 (9-10)			031
945	GP-129 (12-13)			032
1000	GP-130 (8-10)			033
1000	GP-130 (12-14)			034
1100	GP-131 (5-7)		035	
1100	GP-131 (13-14)		036	

Enter analyses required on the lines to the left.
 Place an "X" in the box below to indicate which samples require what analysis.

FOR LAB USE ONLY: Cooler Temperature: 1.6°C Yes No _____ °C
 Recooled within 0 hrs of end-cool: _____ °C
 Ice Present: Yes No _____ °C
 Sample Refrigerated: Yes No _____ °C
 Refrigerator Temperature: _____ °C
 Containers Received Preserved: Yes No _____ °C
 BGS Vials Frozen: Yes No _____ °C
 Freezer Temperature: _____ °C

Notes and Special Instructions:

Relinquished By: GL Date/Time: 9/1 1200 Received By: [Signature] Date/Time: 9/10/14 10:07
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

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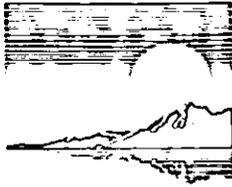
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 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappellini and Bill Lennon

Project I.D.: <u>300 WEST</u>	Date/Time Taken	Sample Description	Matrix	VOCs	Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.	Comments	Lab ID.
	9/18 1115	6P-132 (6-8)	S	X		13-5210	037
	1115	6P-132 (10-12)	↓	↓			038
	1200	DISCHARGE					039
	1215	POND 1	W	X			040
	1220	POND 2	↓	↓			041
	1225	POND 3	↓	↓			042
	1230	POND 4	↓	↓			043
	1245	DISCHARGE	↓	↓			044

FOR LAB USE ONLY: Cooler Temperature: 1-5°C Yes ___ No ___ °C
 Received within 8 hrs of collection: Yes ___ No ___ °C
 Ice Present: Yes ___ No ___ °C
 Sample Refrigerated: Yes ___ No ___ °C
 Refrigerator Temperature: ___ °C
 Containers Received Preserved: Yes ___ No ___
 5033 Vials Frozen: Yes ___ No ___ °C
 Freezer Temperature: ___ °C

Notes and Special Instructions:

Relinquished By: GC Date/Time: 9/19 1200 Received By: [Signature] Date/Time: 9/13/08
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____



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October 25, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: Arnold
First Environmental File ID: 13-5754
Date Received: October 18, 2013

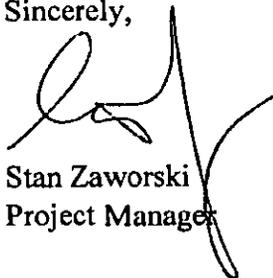
Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

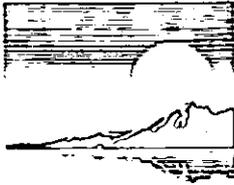
All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



Case Narrative

EGSL

Project ID: **Arnold**

First Environmental File ID: **13-5754**

Date Received: **October 18, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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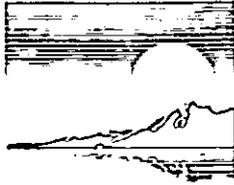
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 201 (6-8)
Sample No: 13-5754-001

Date Collected: 10/18/13
Time Collected: 8:05
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	89.97		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	20.9	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 201 (6-8)
Sample No: 13-5754-001

Date Collected: 10/18/13
Time Collected: 8:05
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 201 (12-14)
Sample No: 13-5754-002

Date Collected: 10/18/13
Time Collected: 8:25
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	90.28		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	30.1	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	28.2	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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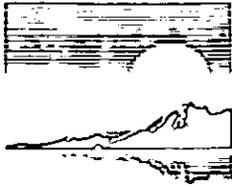
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 201 (12-14)
Sample No: 13-5754-002

Date Collected: 10/18/13
Time Collected: 8:25
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 202 (5-7)
Sample No: 13-5754-003

Date Collected: 10/18/13
Time Collected: 8:46
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	88.97		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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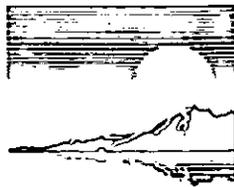
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 202 (5-7)
Sample No: 13-5754-003

Date Collected: 10/18/13
Time Collected: 8:46
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 202 (12-14)
Sample No: 13-5754-004

Date Collected: 10/18/13
Time Collected: 9:10
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	90.55		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	35.8	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 202 (12-14)
Sample No: 13-5754-004

Date Collected: 10/18/13
Time Collected: 9:10
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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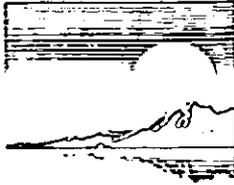
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 203 (1-3)
Sample No: 13-5754-005

Date Collected: 10/18/13
Time Collected: 9:45
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	90.29		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	6.6	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	26,400	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	95.4	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	47.4	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 203 (1-3)
Sample No: 13-5754-005

Date Collected: 10/18/13
Time Collected: 9:45
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polychlorinated biphenyls (PCBs)		Method: 8082		Preparation Method 3540C
Analysis Date: 10/25/13				
Preparation Date: 10/21/13				
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 203 (7-8)
Sample No: 13-5754-006

Date Collected: 10/18/13
Time Collected: 10:00
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	87.03		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	769	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	9.6	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 203 (7-8)
Sample No: 13-5754-006

Date Collected: 10/18/13
Time Collected: 10:00
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	
Polychlorinated biphenyls (PCBs)		Method: 8082		Preparation Method 3540C
Analysis Date: 10/24/13				
Preparation Date: 10/21/13				
Aroclor 1016	< 80.0	80.0	ug/kg	
Aroclor 1221	< 80.0	80.0	ug/kg	
Aroclor 1232	< 80.0	80.0	ug/kg	
Aroclor 1242	< 80.0	80.0	ug/kg	
Aroclor 1248	< 80.0	80.0	ug/kg	
Aroclor 1254	< 160	160	ug/kg	
Aroclor 1260	< 160	160	ug/kg	



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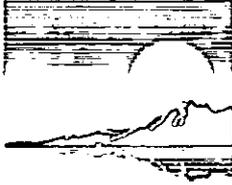
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 203 (17-18)
Sample No: 13-5754-007

Date Collected: 10/18/13
Time Collected: 10:14
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	89.14		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	19,300	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	11.7	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 203 (17-18)
Sample No: 13-5754-007

Date Collected: 10/18/13
Time Collected: 10:14
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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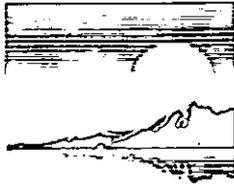
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 204 (1-3)
Sample No: 13-5754-008

Date Collected: 10/18/13
Time Collected: 11:00
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	95.77		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	1,550	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	6.9	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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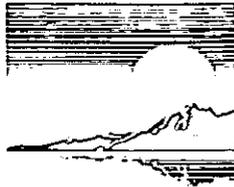
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 204 (1-3)
Sample No: 13-5754-008

Date Collected: 10/18/13
Time Collected: 11:00
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



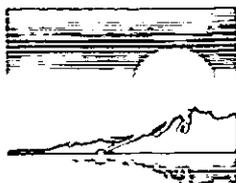
Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 204 (16-17)
Sample No: 13-5754-009

Date Collected: 10/18/13
Time Collected: 11:17
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	90.85		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	13.3	5.0	ug/kg	
1,2-Dichloroethane	5.6	5.0	ug/kg	
1,1-Dichloroethene	14.4	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	3,780	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	15.3	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	5.8	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 204 (16-17)
Sample No: 13-5754-009

Date Collected: 10/18/13
Time Collected: 11:17
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 205 (7-8)
Sample No: 13-5754-010

Date Collected: 10/18/13
Time Collected: 11:47
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	94.02		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 205 (7-8)
Sample No: 13-5754-010

Date Collected: 10/18/13
Time Collected: 11:47
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5035A/8260B			
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 205 (18-19)
Sample No: 13-5754-011

Date Collected: 10/18/13
Time Collected: 12:00
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Solids, Total		Method: 2540B		
Analysis Date: 10/21/13				
Total Solids	89.43		%	
Volatile Organic Compounds		Method: 5035A/8260B		
Analysis Date: 10/24/13				
Acetone	< 100	100	ug/kg	
Benzene	< 5.0	5.0	ug/kg	
Bromodichloromethane	< 5.0	5.0	ug/kg	
Bromoform	< 5.0	5.0	ug/kg	
Bromomethane	< 10.0	10.0	ug/kg	
2-Butanone (MEK)	< 100	100	ug/kg	
Carbon disulfide	< 5.0	5.0	ug/kg	
Carbon tetrachloride	< 5.0	5.0	ug/kg	
Chlorobenzene	< 5.0	5.0	ug/kg	
Chlorodibromomethane	< 5.0	5.0	ug/kg	
Chloroethane	< 10.0	10.0	ug/kg	
Chloroform	< 5.0	5.0	ug/kg	
Chloromethane	< 10.0	10.0	ug/kg	
1,1-Dichloroethane	< 5.0	5.0	ug/kg	
1,2-Dichloroethane	< 5.0	5.0	ug/kg	
1,1-Dichloroethene	< 5.0	5.0	ug/kg	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/kg	
1,2-Dichloropropane	< 5.0	5.0	ug/kg	
cis-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
trans-1,3-Dichloropropene	< 4.0	4.0	ug/kg	
Ethylbenzene	< 5.0	5.0	ug/kg	
2-Hexanone	< 10.0	10.0	ug/kg	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/kg	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/kg	
Methylene chloride	< 20.0	20.0	ug/kg	
Styrene	< 5.0	5.0	ug/kg	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/kg	
Tetrachloroethene	< 5.0	5.0	ug/kg	
Toluene	< 5.0	5.0	ug/kg	
1,1,1-Trichloroethane	< 5.0	5.0	ug/kg	
1,1,2-Trichloroethane	< 5.0	5.0	ug/kg	
Trichloroethene	< 5.0	5.0	ug/kg	



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Analytical Report

Client: EGSL
Project ID: Arnold
Sample ID: GP 205 (18-19)
Sample No: 13-5754-011

Date Collected: 10/18/13
Time Collected: 12:00
Date Received: 10/18/13
Date Reported: 10/25/13

Results are reported on a dry weight basis.

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds				
Analysis Date: 10/24/13				
Vinyl acetate	< 10.0	10.0	ug/kg	
Vinyl chloride	< 10.0	10.0	ug/kg	
Xylene, Total	< 5.0	5.0	ug/kg	

CHAIN OF CUSTODY RECORD



First Environmental Laboratories
 1600 Shore Road, Suite D
 Naperville, Illinois 60563
 Phone: (630) 778-1200 • Fax: (630) 778-1233
 E-mail: firstinfo@firstenv.com
 EPA Certification #100292

Company Name: E G S L State: IL Zip: 60607
 Street Address: 557 W. Park
 City: Chicago
 Phone: 312-447-1200 Fax: 312-447-1200
 Send Report To: Bill Broom e-mail: Bill@EGSL.com
 Sampled By: Steve Broom Via: Fax e-mail

Project I.D.: Arnold
 P.O. #: _____

Matrix Codes: S = Soil W = Water O = Other

Date/Time Taken	Sample Description	Matrix	Comments	Lab I.D.
10/18 805	GP 201 (6-8)	S		13-5714-001
10/18 825	GP 201 (12-14)			002
10/18 846	GP 202 (5-7)			003
10/18 910	GP 202 (12-14)			004
10/18 945	GP 203 (1-3)			005
10/18 1000	GP 203 (7-8)			006
10/18 1014	GP 203 (17-18)			007
10/18 1100	GP 204 (1-3)			008
10/18 1117	GP 204 (16-17)			009
10/18 1147	GP 205 (7-8)			010
10/18 1200	GP 205 (18-19)			011

FOR LAB USE ONLY:
 Cooler Temperature: 0.1-6°C Yes No
 Received within 6 hrs. of collection: _____ °C
 Ice Present: Yes No
 Sample Refrigerated: Yes No
 Refrigerator Temperature: _____ °C
 5035 Vials Frozen: Yes No
 Freezer Temperature: _____ °C
 Preservation Requirements Met: Yes No
 Need to meet: IL TACO IN. RISC

Notes and Special Instructions: _____

Relinquished By: Steve Broom Date/Time 10/18 2:44 Received By: [Signature] Date/Time 10/18/13 1448
 Relinquished By: _____ Date/Time _____ Received By: _____ Date/Time _____



APPENDIX O – GROUNDWATER ANALYTICAL TABLES AND LABORATORY REPORTS



EGSL	
300 West - 805247	
Date of Sample Collection:	
Time of Sample Collection:	
First Environmental Lab. Numbers:	

Class I (Groundwater Remediation Objective)	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013
	7:00 AM	7:15 AM	7:30 AM	7:40 AM	8:00 AM	8:15 AM	8:30 AM
	13-5410-001	13-5410-002	13-5410-003	13-5410-004	13-5410-005	13-5410-006	13-5410-007

Contaminants of Concern:

Volatile Organic Compounds (5030B/8260B)

Date Analyzed:	Units	RDL	10/3/2013	10/3/2013	10/3/2013	10/3/2013	10/3/2013	10/3/2013	10/3/2013
Acetone	mg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/L	0.001	0.0002	0.001	0.001	0.001	0.001	0.001	0.001
Bromoform	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/L	0.005	0.0108	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/L	0.005	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/L	0.001	0.14	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0132
Chloroform	mg/L	0.001	0.0002	0.001	0.001	0.001	0.001	0.001	0.001
Chloromethane	mg/L	0.01	0.217	<0.01	<0.01	<0.01	0.0772	<0.01	<0.01
1,1-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0547
1,2-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/L	0.005	0.007	<0.005	<0.005	<0.005	<0.005	<0.005	0.0261
cis-1,2-Dichloroethene	mg/L	0.005	0.07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/L	0.005	0.1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/L	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/L	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.005	0.7	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/L	0.005	0.07	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/L	0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL									
300 West - 805247									
Date of Sample Collection:									
Time of Sample Collection:									
First Environmental Lab. Numbers:									
Class I (Groundwater Remediation Objective)									
MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7			
10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013			
7:00 AM	7:15 AM	7:30 AM	7:40 AM	8:00 AM	8:15 AM	8:30 AM			
13-5410-001	13-5410-002	13-5410-003	13-5410-004	13-5410-005	13-5410-006	13-5410-007			
Contaminants of Concern:									
Styrene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/L	0.005	<0.005	<0.005	0.0069	<0.005	<0.005	0.0534	<0.005
Toluene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0237	0.0194
Vinyl acetate	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Xylene, Total	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL									
300 West - 805247									
Date of Sample Collection:									
Time of Sample Collection:									
First Environmental Lab. Numbers:									
MW-8	MW-12	MW-13	MW-15	MW-16	MW-17	MW-18	MW-19		
10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013		
8:40 AM	8:50 AM	9:00 AM	9:15 AM	9:20 AM	9:45 AM	9:55 AM	10:00 AM		
13-5410-008	13-5410-009	13-5410-010	13-5410-011	13-5410-012	13-5410-013	13-5410-014	13-5410-015		

Contaminants of Concern:

Volatile Organic Compounds (5030B/8260B)

Date Analyzed:	Units	RDL	10/3/2013	10/3/2013	10/3/2013	10/4/2013	10/4/2013	10/4/2013	10/5/2013	10/4/2013
Acetone	mg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0066
2-Butanone (MEK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.141
1,1-Dichloroethane	mg/L	0.005	0.0265	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/L	0.005	0.0086	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL									
300 West - 805247									
Date of Sample Collection:									
Time of Sample Collection:									
First Environmental Lab. Numbers:									
	MW-8	MW-12	MW-13	MW-15	MW-16	MW-17	MW-18	MW-19	
	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	
	8:40 AM	8:50 AM	9:00 AM	9:15 AM	9:20 AM	9:45 AM	9:55 AM	10:00 AM	
	13-5410-008	13-5410-009	13-5410-010	13-5410-011	13-5410-012	13-5410-013	13-5410-014	13-5410-015	
Contaminants of Concern:									
Styrene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/L	0.005	0.0393	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Toluene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/L	0.005	0.112	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Xylene, Total	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL									
300 West - 805247									
Date of Sample Collection:									
Time of Sample Collection:									
First Environmental Lab. Numbers:									
MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27		
10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013		
10:15 AM	10:30 AM	10:45 AM	11:00 AM	11:10 AM	11:20 AM	11:30 AM	11:40 AM		
13-5410-016	13-5410-017	13-5410-018	13-5410-019	13-5410-020	13-5410-021	13-5410-022	13-5410-023		

Contaminants of Concern:

Volatile Organic Compounds (5030B/8260B)

Date Analyzed:	Units	RDL	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013
Acetone	mg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0017
Bromoform	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/L	0.005	0.0104	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	0.01	<0.01	<0.01	<0.01	0.086	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/L	0.001	<0.001	<0.001	<0.001	0.0017	<0.001	0.0011	<0.001	0.0405
Chloromethane	mg/L	0.01	0.212	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	0.0322	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	0.0586	<0.005	<0.005	0.0094	<0.005
cis-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0098	<0.005
trans-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL		MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26	MW-27
300 West - 805247		10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013
Date of Sample Collection:		10:15 AM	10:30 AM	10:45 AM	11:00 AM	11:10 AM	11:20 AM	11:30 AM	11:40 AM
Time of Sample Collection:		13-5410-016	13-5410-017	13-5410-018	13-5410-019	13-5410-020	13-5410-021	13-5410-022	13-5410-023
First Environmental Lab. Numbers:									
Contaminants of Concern:									
Styrene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
<i>1,1,2,2-Tetrachloroethane</i>	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.144	0.0069
Toluene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	0.0274	<0.005	0.196	<0.005
1,1,2-Trichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0184	<0.005
Vinyl acetate	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Xylene, Total	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL										
300 West - 805247										
Date of Sample Collection:					MW-28	MW-29	MW-30	MW-31	MW-32	MW-35
Time of Sample Collection:					10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013
First Environmental Lab. Numbers:					11:50 AM	12:00 PM	12:10 PM	12:20 PM	12:30 PM	1:15 PM
					13-5410-024	13-5410-025	13-5410-026	13-5410-027	13-5410-028	13-5410-030
Contaminants of Concern:					13-5410-024	13-5410-025	13-5410-026	13-5410-027	13-5410-028	13-5410-030

Volatile Organic Compounds (5030B/8260B)										
Date Analyzed:	Units	RDL	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013	10/4/2013
Acetone	mg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/L	0.001	0.0016	0.0014	0.001	0.001	0.001	0.001	0.001	0.001
Chloromethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	0.0691	0.0263	0.0162	<0.005	0.544
1,2-Dichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	0.419	0.103	<0.005	<0.005	0.231
cis-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL										
300 West - 805247										
Date of Sample Collection:										
Time of Sample Collection:										
First Environmental Lab. Numbers:										
	MW-28	MW-29	MW-30	MW-31	MW-32	MW-33	MW-34	MW-35		
	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013	10/1/2013		
	11:50 AM	12:00 PM	12:10 PM	12:20 PM	12:30 PM	12:45 PM	1:00 PM	1:15 PM		
	13-5410-024	13-5410-025	13-5410-026	13-5410-027	13-5410-028	13-5410-029	13-5410-030	13-5410-031		
Contaminants of Concern:										
Styrene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/L	0.005	<0.005	0.152	0.46	<0.005	0.0156	<0.005	<0.005	<0.005
Toluene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/L	0.005	<0.005	0.0515	8.9	<0.005	1.34	<0.005	<0.005	0.718
1,1,2-Trichloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Xylene, Total	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL									
300 West - 805247									
Date of Sample Collection:		MW-36	MW-37	MW-A5	MW-A6	MW-A8	MW-3-URS	Trip Blank	
Time of Sample Collection:		10/1/2013 1:30 PM	10/1/2013 1:45 PM	10/1/2013 2:00 PM	10/1/2013 2:20 PM	10/1/2013 2:30 PM	10/1/2013 3:00 PM		
First Environmental Lab. Numbers:		13-5410-032	13-5410-033	13-5410-034	13-5410-035	13-5410-036	13-5410-037	13-5410-038	

Contaminants of Concern:

Volatile Organic Compounds (5030B/8260B)

Date Analyzed:	Units	RDL	10/4/2013	10/5/2013	10/5/2013	10/5/2013	10/5/2013	10/5/2013	10/5/2013	10/4/2013
Acetone	mg/L	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Butanone (MEK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Carbon disulfide	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Carbon tetrachloride	mg/L	0.005	0.0066	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorobenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Chlorodibromomethane	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Chloroform	mg/L	0.001	0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
1,1-Dichloroethane	mg/L	0.005	<0.005	0.302	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloroethane	mg/L	0.005	<0.005	0.0177	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1-Dichloroethene	mg/L	0.005	<0.005	0.626	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,2-Dichloroethene	mg/L	0.005	<0.005	0.0056	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
trans-1,2-Dichloroethene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,2-Dichloropropane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
cis-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans-1,3-Dichloropropene	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2-Hexanone	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methyl-tert-butylether (MTBE)	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4-Methyl-2-pentanone (MIBK)	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Methylene chloride	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005

EGSL										
300 West - 805247										
Date of Sample Collection:										
Time of Sample Collection:										
First Environmental Lab. Numbers:										
Styrene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2,2-Tetrachloroethane	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Tetrachloroethene	mg/L	0.005	0.0087	0.602	<0.005	<0.005	<0.005	0.0113	<0.005	<0.005
Toluene	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,1-Trichloroethane	mg/L	0.005	<0.005	0.98	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1,1,2-Trichloroethane	mg/L	0.005	<0.005	0.0085	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Trichloroethene	mg/L	0.005	<0.005	0.0105	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Vinyl acetate	mg/L	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Vinyl chloride	mg/L	0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Xylene, Total	mg/L	0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005



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October 08, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: 300 West - 805247
First Environmental File ID: 13-5410
Date Received: October 02, 2013

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



Case Narrative

EGSL

Project ID: **300 West - 805247**

First Environmental File ID: **13-5410**

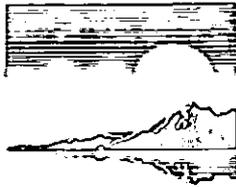
Date Received: **October 02, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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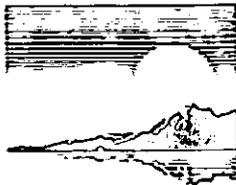
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-1
Sample No: 13-5410-001

Date Collected: 10/01/13
Time Collected: 7:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	10.8	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	217	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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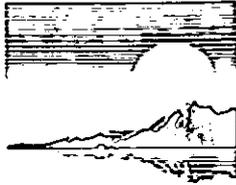
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-2
Sample No: 13-5410-002

Date Collected: 10/01/13
Time Collected: 7:15
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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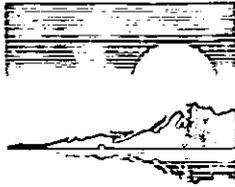
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-3
Sample No: 13-5410-003

Date Collected: 10/01/13
Time Collected: 7:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-4
Sample No: 13-5410-004

Date Collected: 10/01/13
Time Collected: 7:40
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	6.9	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-5
Sample No: 13-5410-005

Date Collected: 10/01/13
Time Collected: 8:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	77.2	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-6
Sample No: 13-5410-006

Date Collected: 10/01/13
Time Collected: 8:15
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	9.3	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	23.7	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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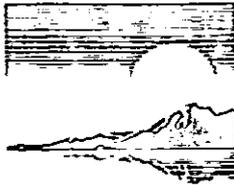
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-7
Sample No: 13-5410-007

Date Collected: 10/01/13
Time Collected: 8:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	13.2	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	54.7	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	26.1	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	53.4	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	19.4	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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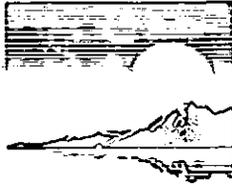
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-8
Sample No: 13-5410-008

Date Collected: 10/01/13
Time Collected: 8:40
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	26.5	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	8.6	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	39.3	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	112	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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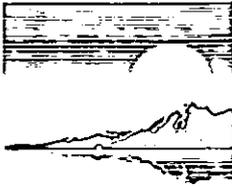
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-12
Sample No: 13-5410-009

Date Collected: 10/01/13
Time Collected: 8:50
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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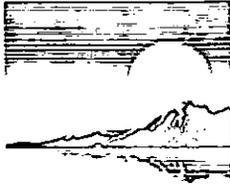
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-13
Sample No: 13-5410-010

Date Collected: 10/01/13
Time Collected: 9:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	2.5	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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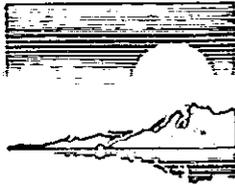
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-15
Sample No: 13-5410-011

Date Collected: 10/01/13
Time Collected: 9:15
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-16
Sample No: 13-5410-012

Date Collected: 10/01/13
Time Collected: 9:20
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/03/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

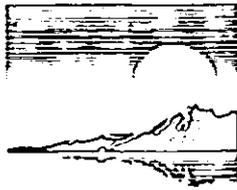


Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-17
Sample No: 13-5410-013

Date Collected: 10/01/13
Time Collected: 9:45
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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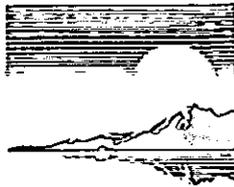
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-18
Sample No: 13-5410-014

Date Collected: 10/01/13
Time Collected: 9:55
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/05/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-19
Sample No: 13-5410-015

Date Collected: 10/01/13
Time Collected: 10:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	6.6	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	141	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-20
Sample No: 13-5410-016

Date Collected: 10/01/13
Time Collected: 10:15
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	10.4	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	212	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-21
Sample No: 13-5410-017

Date Collected: 10/01/13
Time Collected: 10:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	66.9	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-22
Sample No: 13-5410-018

Date Collected: 10/01/13
Time Collected: 10:45
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-23
Sample No: 13-5410-019

Date Collected: 10/01/13
Time Collected: 11:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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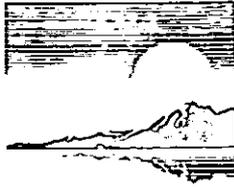
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-24
Sample No: 13-5410-020

Date Collected: 10/01/13
Time Collected: 11:10
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	86.0	10.0	ug/L	
Chloroform	1.7	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	32.2	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	58.6	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	27.4	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-25
Sample No: 13-5410-021

Date Collected: 10/01/13
Time Collected: 11:20
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	1.1	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-26
Sample No: 13-5410-022

Date Collected: 10/01/13
Time Collected: 11:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	9.4	5.0	ug/L	
cis-1,2-Dichloroethene	9.8	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	144	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	196	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	18.4	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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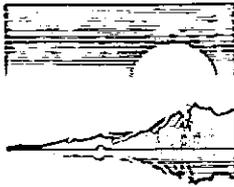
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-27
Sample No: 13-5410-023

Date Collected: 10/01/13
Time Collected: 11:40
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	1.7	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	40.5	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	6.9	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-28
Sample No: 13-5410-024

Date Collected: 10/01/13
Time Collected: 11:50
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5030B/8260B			
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	1.6	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-29
Sample No: 13-5410-025

Date Collected: 10/01/13
Time Collected: 12:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	1.4	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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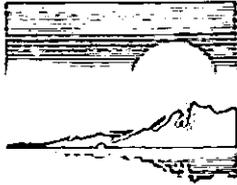
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-30
Sample No: 13-5410-026

Date Collected: 10/01/13
Time Collected: 12:10
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	152	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	51.5	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-31
Sample No: 13-5410-027

Date Collected: 10/01/13
Time Collected: 12:20
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	69.1	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	419	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	460	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	8,900	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-32
Sample No: 13-5410-028

Date Collected: 10/01/13
Time Collected: 12:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	26.3	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	103	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	15.6	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	1,340	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-33
Sample No: 13-5410-029

Date Collected: 10/01/13
Time Collected: 12:45
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	16.2	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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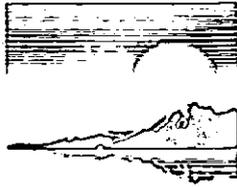
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-34
Sample No: 13-5410-030

Date Collected: 10/01/13
Time Collected: 13:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	52.9	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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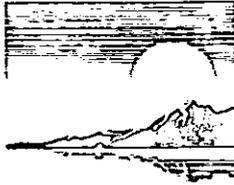
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-35
Sample No: 13-5410-031

Date Collected: 10/01/13
Time Collected: 13:15
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	544	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	231	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	718	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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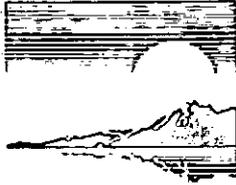
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-36
Sample No: 13-5410-032

Date Collected: 10/01/13
Time Collected: 13:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	6.6	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	5.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	8.7	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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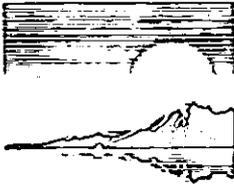
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-37
Sample No: 13-5410-033

Date Collected: 10/01/13
Time Collected: 13:45
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/05/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	24.2	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	302	5.0	ug/L	
1,2-Dichloroethane	17.7	5.0	ug/L	
1,1-Dichloroethene	626	5.0	ug/L	
cis-1,2-Dichloroethene	5.6	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	602	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	980	5.0	ug/L	
1,1,2-Trichloroethane	8.5	5.0	ug/L	
Trichloroethene	10.5	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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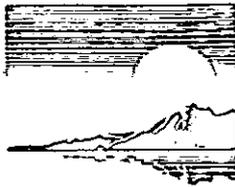
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-A5
Sample No: 13-5410-034

Date Collected: 10/01/13
Time Collected: 14:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/05/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-A6
Sample No: 13-5410-035

Date Collected: 10/01/13
Time Collected: 14:20
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/05/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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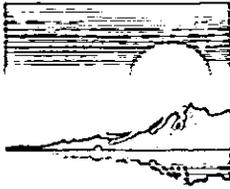
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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-A8
Sample No: 13-5410-036

Date Collected: 10/01/13
Time Collected: 14:30
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/05/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: MW-3-URS
Sample No: 13-5410-037

Date Collected: 10/01/13
Time Collected: 15:00
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/05/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	11.3	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: 300 West - 805247
Sample ID: Trip Blank
Sample No: 13-5410-038

Date Collected:
Time Collected:
Date Received: 10/02/13
Date Reported: 10/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 10/04/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

CHAIN OF CUSTODY RECORD



1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)778-1200 • Fax (630)778-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #100292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Polk Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0822 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappellini and Bill Lennon

Project I.D.: 300 WEST
 P.O.#: 805247

Date/Time Taken	Sample Description	Matrix	Enter analyses required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.	Comments	Lab I.D.
10/1/13 700	MW-1	W	X	13-5416	001
715	MW-2				002
730	MW-3				003
740	MW-4				004
800	MW-5				005
815	MW-6				006
830	MW-7				007
840	MW-8				008
850	MW-12				009
900	MW-13				010
915	MW-15				011
920	MW-16				012

FOR LAB USE ONLY: Cooler Temperature: 0-4°C Yes No Received within 8 hrs of collection: Yes No Ice Present: Yes No
 Sample Refrigerated: Yes No Refrigerator Temperature: _____ °C
 Containers Received Preserved: Yes No 5038 Vials Frozen: Yes No Freezer Temperature: _____ °C

Notes and Special Instructions:

Retinquished By: [Signature] Received By: [Signature] Date/Time: 10/2 800 Date/Time: 10/2/13 1000
 Reinquished By: _____ Received By: _____ Date/Time: _____ Date/Time: _____
 Rev 1/07

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.
 1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)778-1200 • Fax (630)778-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #100292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Polk Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappelini/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappelini and Bill Lennon

Project I.D.: 300 WEST
 P.O. #: 805247

Date/Time Taken	Sample Description	Matrix	Comments	Lab ID
10/1/13 945	MW-17	W	X VOCs	013
955	MW-18			014
1000	MW-19			015
1015	MW-20			016
1030	MW-21			017
1045	MW-22			018
1100	MW-23			019
1110	MW-24			020
1120	MW-25		021	
1130	MW-26		022	
1140	MW-27		023	
1150	MW-28		024	

Enter analyses required on the lines to the left.
 Place an "X" in the box below to indicate which samples require what analysis.

FOR LAB USE ONLY: Cooler Temperature: 3.1-6°C Yes No
 Received within 8 hrs of collection: Yes No
 Ice Present: Yes No
 Sample Refrigerated: Yes No
 Refrigerator Temperature: 2 °C
 Containers Received Preserved: Yes No
 500B Vials Present: Yes No
 Freezer Temperature: _____ °C

Notes and Special Instructions:

Relinquished By: GC Date/Time: 10/2 800 Received By: [Signature] Date/Time: 10/1/13 10:00
 Relinquished By: _____ Date/Time: _____ Received By: _____ Date/Time: _____

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.
1600 Shore Road, Suite D
Naperville, IL 60563
Phone: (630)778-1200 • Fax (630)778-1233
E-Mail: info@firstenv.com
IEPA Accreditation #109292

Company Name: Environmental Group Services, Ltd.
Street Address: 557 West Polk Street - Suite 201
City: Chicago
State: IL Zip: 60607
Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egal.com / bill@egsl.com
Send Report To: Mary Cappellini/Bill Lennon Via Fax: Via e-Mail:
Sampled By: Mary Cappellini and Bill Lennon

Date/Time Taken	Sample Description	Mistrb	Comments	Lab I.D.
10/1/13	1200 MW-29	W	135410	025
	1210 MW-30			026
	1220 MW-31			027
	1230 MW-32			028
	1245 MW-33			029
	1300 MW-34			030
	1315 MW-35			011
	1330 MW-36			032
	1345 MW-37			033
	1400 MW-A5			034
	1420 MW-A6			035
	1430 MW-A8			036

Enter analyses required on the lines to the left.
Place an "X" in the box below to indicate which samples require what analysis.

Project I.D.: 300 WEST
P.O. #: 805247

Containers Received Preserved: Yes ___ No ___
5038 Vials Frozen: Yes ___ No ___
Freezer Temperature: ___ °C

Sample Refrigerated: Yes ___ No ___
Refrigerator Temperature: ___ °C

Cooler Temperature: 1.4°C Yes ___ No ___
Received within 6 hrs of collection: Yes ___ No ___
Ice Present: Yes ___ No ___

Notes and Special Instructions:

Relinquished By: *[Signature]* Date/Time: 10/2/13 800
Relinquished By: *[Signature]* Date/Time: 10/1/13 1000



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November 08, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: Marengo
First Environmental File ID: 13-6146
Date Received: November 06, 2013

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



Case Narrative

EGSL

Project ID: **Marengo**

First Environmental File ID: **13-6146**

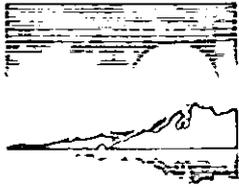
Date Received: **November 06, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-38
Sample No: 13-6146-001

Date Collected: 11/05/13
Time Collected: 10:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	31.6	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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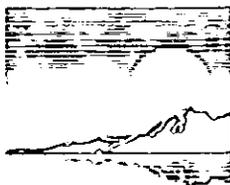
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-39
Sample No: 13-6146-002

Date Collected: 11/05/13
Time Collected: 10:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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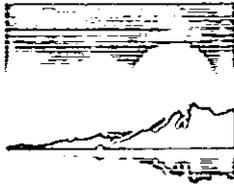
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-40
Sample No: 13-6146-003

Date Collected: 11/05/13
Time Collected: 11:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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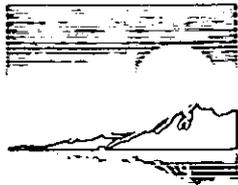
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-41
Sample No: 13-6146-004

Date Collected: 11/05/13
Time Collected: 11:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	67.6	10.0	ug/L	
Chloroform	3.2	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	384	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	86.7	5.0	ug/L	
cis-1,2-Dichloroethene	22.9	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	323	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	131	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	27.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-42
Sample No: 13-6146-005

Date Collected: 11/05/13
Time Collected: 12:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-43
Sample No: 13-6146-006

Date Collected: 11/05/13
Time Collected: 12:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5030B/8260B			
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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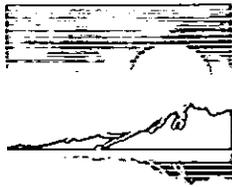
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-44
Sample No: 13-6146-007

Date Collected: 11/05/13
Time Collected: 13:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	15.2	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-45
Sample No: 13-6146-008

Date Collected: 11/05/13
Time Collected: 13:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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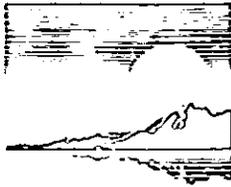
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-46
Sample No: 13-6146-009

Date Collected: 11/05/13
Time Collected: 14:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	132	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	17.7	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	11.7	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	249	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: Trip Blank
Sample No: 13-6146-010

Date Collected:
Time Collected:
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

CHAIN OF CUSTODY RECORD

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 1600 Shore Road, Suite D
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 Phone: (630)770-1200 • Fax (630)770-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #100292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Polk Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0922 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappelloni/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappelloni and Bill Lennon

Project I.D.: <u>MARE 290</u>		Date/Time Taken		Sample Description	Matrix	Enter analysis required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.	Comments	Lab I.D.
P.O. #:								
11/5	1000	MW-37	W			X	13-6146-	001
	1000	MW-39						002
	1100	MW-40						003
	1200	MW-41						004
	1200	MW-42						005
	1230	MW-43						006
	1300	MW-44						007
	1330	MW-45						008
X	1400	MW-46						009
		TRIP BLANK						010

FOR LAB USE ONLY: Cooler Temperature 0.10°C Yoo No °C
 Roomed at 0 hrs of collection Yoo No °C
 Iso Precipitate Yoo No °C
 Sample Refrigerated: Yes No
 Refrigerator Temperature: 4°C
 Containers Resealed Preserved: Yes No
 6000 Vials Preserved Yoo No °C
 Precursor Test: 0000000000

Notes and Special Instructions: 2-DAY TAT
EMAIL TO STEVE@EGSL.COM ALSO - THA JW
 Relinquished By: LL Date/Time: 11/6 1000 Received By: [Signature] Date/Time: 11/6/13 1000
 Relinquished By: [Signature] Date/Time: [Signature] Received By: [Signature] Date/Time: [Signature]
 Rev 1/07



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November 08, 2013

Mr. William Lennon
EGSL
557 W. Polk Street
Suite 201
Chicago, IL 60607

Project ID: Marengo
First Environmental File ID: 13-6146
Date Received: November 06, 2013

Dear Mr. William Lennon:

The above referenced project was analyzed as directed on the enclosed chain of custody record.

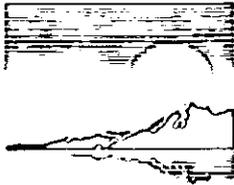
All Quality Control criteria as outlined in the methods and current IL ELAP/NELAP have been met unless otherwise noted. QA/QC documentation and raw data will remain on file for future reference. Our accreditation number is 100292 and our current certificate is number 003242: effective 09/03/2013 through 02/28/2014.

I thank you for the opportunity to be of service to you and look forward to working with you again in the future. Should you have any questions regarding any of the enclosed analytical data or need additional information, please contact me at (630) 778-1200.

Sincerely,



Stan Zaworski
Project Manager



Case Narrative

EGSL

Project ID: **Marengo**

First Environmental File ID: **13-6146**

Date Received: **November 06, 2013**

All quality control criteria, as outlined in the methods, have been met except as noted below or on the following analytical report.

Flag	Description	Flag	Description
<	Analyte not detected at or above the reporting limit.	L+	LCS recovery outside control limits; high bias.
B	Analyte detected in associated method blank.	L-	LCS recovery outside control limits; low bias.
C	Identification confirmed by GC/MS.	M	MS recovery outside control limits; LCS acceptable.
D	Surrogates diluted out; recovery not available.	M+	MS recovery outside control limits high bias; LCS acceptable.
E	Estimated result; concentration exceeds calibration range.	M-	MS recovery outside control limits low bias; LCS acceptable.
F	Field measurement.	N	Analyte is not part of our NELAC accreditation.
		ND	Analyte was not detected using a library search routine; No calibration standard was analyzed.
G	Surrogate recovery outside control limits; matrix effect.	P	Chemical preservation pH adjusted in lab.
H	Analysis or extraction holding time exceeded.	Q	The analyte was determined by a GC/MS database search.
J	Estimated result; concentration is less than calib range.	S	Analyte was sub-contracted to another laboratory for analysis.
K	RPD outside control limits.	T	Sample temperature upon receipt exceeded 0-6°C
RL	Routine Reporting Limit (Lowest amount that can be detected when routine weights/volumes are used without dilution.)	W	Reporting limit elevated due to sample matrix.

Sample Batch Comments:

Sample acceptance criteria were met.



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-38
Sample No: 13-6146-001

Date Collected: 11/05/13
Time Collected: 10:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	31.6	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-39
Sample No: 13-6146-002

Date Collected: 11/05/13
Time Collected: 10:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-40
Sample No: 13-6146-003

Date Collected: 11/05/13
Time Collected: 11:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-41
Sample No: 13-6146-004

Date Collected: 11/05/13
Time Collected: 11:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	67.6	10.0	ug/L	
Chloroform	3.2	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	384	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	86.7	5.0	ug/L	
cis-1,2-Dichloroethene	22.9	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	323	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	131	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	27.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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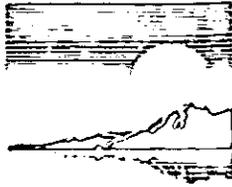
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-42
Sample No: 13-6146-005

Date Collected: 11/05/13
Time Collected: 12:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-43
Sample No: 13-6146-006

Date Collected: 11/05/13
Time Collected: 12:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-44
Sample No: 13-6146-007

Date Collected: 11/05/13
Time Collected: 13:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	15.2	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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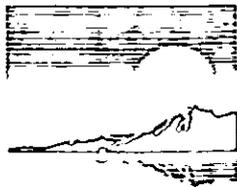
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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-45
Sample No: 13-6146-008

Date Collected: 11/05/13
Time Collected: 13:30
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds		Method: 5030B/8260B		
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



**First
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IL ELAP / NELAC Accreditation # 100292

1600 Shore Road • Naperville, Illinois 60563 • Phone (630) 778-1200 • Fax (630) 778-1233

Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: MW-46
Sample No: 13-6146-009

Date Collected: 11/05/13
Time Collected: 14:00
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5030B/8260B			
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	132	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	17.7	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	11.7	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	249	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	



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Analytical Report

Client: EGSL
Project ID: Marengo
Sample ID: Trip Blank
Sample No: 13-6146-010

Date Collected:
Time Collected:
Date Received: 11/06/13
Date Reported: 11/08/13

Analyte	Result	R.L.	Units	Flags
Volatile Organic Compounds	Method: 5030B/8260B			
Analysis Date: 11/07/13				
Acetone	< 100	100	ug/L	
Benzene	< 5.0	5.0	ug/L	
Bromodichloromethane	< 1.0	1.0	ug/L	
Bromoform	< 1.0	1.0	ug/L	
Bromomethane	< 5.0	5.0	ug/L	
2-Butanone (MEK)	< 10.0	10.0	ug/L	
Carbon disulfide	< 5.0	5.0	ug/L	
Carbon tetrachloride	< 5.0	5.0	ug/L	
Chlorobenzene	< 5.0	5.0	ug/L	
Chlorodibromomethane	< 1.0	1.0	ug/L	
Chloroethane	< 10.0	10.0	ug/L	
Chloroform	< 1.0	1.0	ug/L	
Chloromethane	< 10.0	10.0	ug/L	
1,1-Dichloroethane	< 5.0	5.0	ug/L	
1,2-Dichloroethane	< 5.0	5.0	ug/L	
1,1-Dichloroethene	< 5.0	5.0	ug/L	
cis-1,2-Dichloroethene	< 5.0	5.0	ug/L	
trans-1,2-Dichloroethene	< 5.0	5.0	ug/L	
1,2-Dichloropropane	< 5.0	5.0	ug/L	
cis-1,3-Dichloropropene	< 1.0	1.0	ug/L	
trans-1,3-Dichloropropene	< 1.0	1.0	ug/L	
Ethylbenzene	< 5.0	5.0	ug/L	
2-Hexanone	< 10.0	10.0	ug/L	
Methyl-tert-butylether (MTBE)	< 5.0	5.0	ug/L	
4-Methyl-2-pentanone (MIBK)	< 10.0	10.0	ug/L	
Methylene chloride	< 5.0	5.0	ug/L	
Styrene	< 5.0	5.0	ug/L	
1,1,2,2-Tetrachloroethane	< 5.0	5.0	ug/L	
Tetrachloroethene	< 5.0	5.0	ug/L	
Toluene	< 5.0	5.0	ug/L	
1,1,1-Trichloroethane	< 5.0	5.0	ug/L	
1,1,2-Trichloroethane	< 5.0	5.0	ug/L	
Trichloroethene	< 5.0	5.0	ug/L	
Vinyl acetate	< 10.0	10.0	ug/L	
Vinyl chloride	< 2.0	2.0	ug/L	
Xylene, Total	< 5.0	5.0	ug/L	

CHAIN OF CUSTODY RECORD

First Environmental Laboratories, Inc.
 1600 Shore Road, Suite D
 Naperville, IL 60563
 Phone: (630)770-1200 • Fax (630)770-1233
 E-Mail: info@firstenv.com
 IEPA Accreditation #1C0292

Company Name: Environmental Group Services, Ltd.
 Street Address: 557 West Peck Street - Suite 201
 City: Chicago State: IL Zip: 60607
 Phone: 312.447.1200 Fax: 312.447.0822 e-Mail: mary@egsl.com / bill@egsl.com
 Send Report To: Mary Cappelloni/Bill Lennon Via Fax: Via e-Mail:
 Sampled By: Mary Cappelloni and Bill Lennon

Date/Time Taken	Sample Description	Matrix	Enter analysis required on the lines to the left. Place an "X" in the box below to indicate which samples require what analysis.	Comments	Lab I.D.
11/5 1000	MW-33	W	X	13.6146-	001
1000	MW-34				002
1100	MW-40				003
1200	MW-41				004
1300	MW-42				005
1330	MW-43				006
1300	MW-44				007
1330	MW-45				008
1400	MW-46				009
	TREP REAR				010

FOR LAD USE ONLY: Cooler Temperature: 0.0°C Yes No
 Rechecked within 0 hrs of collection: Yes No
 Iso Product: Yes No
 Sample Refrigerated: Yes No
 Refrigerator Temperature: 4°C
 Condensate Collected: Yes No
 DODM Vials Present: Yes No
 Process Temperature: _____°C

Notes and Special Instructions: 2-DAY TAT
 EMAIL TO STEVE@EGSL.COM ALSO - THA JW
 Relinquished By: LC Date/Time: 11/6 1000 Received By: [Signature] Date/Time: 11/6/13 1000
 Relinquished By: [Signature] Date/Time: [Signature] Date/Time: [Signature]