

July 15, 2019

Mr. Drew N. Hoffert
Assistant Engineer
Division of Environmental Remediation
New York State Department of
Environmental Conservation (NYSDEC)
Region 4
1130 North Westcott Road
Schenectady, NY 12306-2014

Re: Site No.: 442009
Sterling Site No. 1
Rensselaer, New York
Groundwater Treatment System
Biannual Monitoring Results
First Half 2019

Dear Mr. Hoffert:

Enclosed for your review are the biannual monitoring results for the Groundwater Treatment System (GWTS) at Site No.: 442009, Sterling Site No. 1 located in Rensselaer, New York. These results are for the first half of 2019 reporting period (1/3/19-6/21/19). Analytical results for the reporting period are summarized in Tables 1 and 2, and copies of the laboratory reports are included in Appendix A.

A total of 18 samples were collected by Adirondack Environmental Services (AES) during this reporting period (three (3) samples per month), which consisted of a pre-filter influent, a between filters, and a post-filter effluent sample. The samples were analyzed for the following:

- Benzene,
- Toluene,
- Ethylbenzene,
- Xylene (m, p, and o),
- Chlorobenzene,
- 1,2-Dichlorobenzene,
- 1,3-Dichlorobenzene, and
- 1,4-Dichlorobenzene.

As summarized in Table 1, there were no contaminants of concern reported above the minimum method detection limits in the system's post-filter effluent samples during the reporting period.

As summarized in Table 2, the results of the February 1, March 1, May 9, and June 21, 2019 sampling events showed apparent breakthrough at the "between filters" sample port. The "between filters" sample port is located between the primary and secondary 55-gallon liquid phase (GAC) filters.

Periodic maintenance of the GWTS was performed during the period and included repair and reconnection of piping leading to the soil vapor extrusion (SVE) system, sight glass cleaning and oil & filter replacement.

Table 3 summarizes GAC filter usage and drum disposition for the first half of 2019 reporting period. Drums have been stockpiled onsite & changeover of drums is scheduled for July 2019.



Should you require any additional information concerning this matter, please do not hesitate to contact the undersigned at 518-433-7773.

Regards,

David Orton
Sr. Manager, Environmental Health and Safety US API



TABLE 1

**Sterling Site No. 1
Groundwater Treatment System Analytical Results
First Half 2019**

	Benzene (ug/L)		Chlorobenzene (ug/L)	
Sample Date (month/day/year)	Influent	Effluent	Influent	Effluent
1/3/19	32.0	<0.5	1900.0	<1.0
2/1/19	79.0	<0.5	4500.0	<1.0
3/1/19	5.6	<0.5	270.0 (E)	<1.0
4/12/19	35.0	<0.5	1800.0	<1.0
5/9/19	50.0	<0.5	3800.0	<1.0
6/21/19	73	<0.5	2800.0	<1.0

Note:

E Qualifier: Above quantitation range-Estimated



TABLE 2

**Sterling Site No.1
Breakthrough Between Filters
First Half 2019**

Sample Date (month/day/year)	Benzene (ug/L)	Chlorobenzene (ug/L)
1/3/19	<0.5	<1.0
2/1/19	<0.5	2.0
3/1/19	<0.5	1.7 (N+)
4/12/19	<0.5	<1.0
5/9/19	<0.5	2.1
6/21/19	<0.5	3.0

Note:

N+ Qualifier: Matrix Spike is above acceptable limits



TABLE 3

**GAC Filter Usage and Inventory
First Half 2019**

Installation Date	Number of Drums	Position of Drum	Position Change Date	Removal Date
December 12, 2016	1	Secondary	January 17, 2017	February 27, 2017
January 17, 2017	1	Secondary	February 27, 2017	April 05, 2017
February 27, 2017	1	Secondary	April 05, 2017	June 15, 2017
April 05, 2017	1	Secondary	June 15, 2017	June 29, 2017
June 15, 2017	1	Secondary	June 29, 2017	August 1, 2017
June 29, 2017	1	Secondary	August 1, 2017	September 6, 2017
August 1, 2017	1	Secondary	September 6, 2017	October 26, 2017
September 6, 2017	1	Secondary	October 26, 2017	August 3, 2018
October 26, 2017	1	Secondary	August 3, 2018	-
August 3, 2018	1	Primary	-	-
Inventory	16	-	-	-



Appendix A

Adirondack Environmental Services, Inc

Date: 14-Jan-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190104013
PO#: 204819

Lab SampleID: 190104013-001**Collection Date:** 1/3/2019**Client Sample ID:** Before Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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FIELD-PH, RES CL2, AND TEMP ARE NOT ELAP CERTIFIABLE

Analyst: FLD

Meter Reading

1234181

Gallons

1/3/2019

VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	32	12		µg/L	25	1/11/2019 8:40:00 PM
Ethylbenzene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
m,p-Xylene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
o-Xylene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
Toluene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
Chlorobenzene	1900	25		µg/L	25	1/11/2019 8:40:00 PM
1,3-Dichlorobenzene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
1,4-Dichlorobenzene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
1,2-Dichlorobenzene	ND	25		µg/L	25	1/11/2019 8:40:00 PM
Surr: 4-Bromofluorobenzene	101	76.1-125		%REC	25	1/11/2019 8:40:00 PM

Lab SampleID: 190104013-002**Collection Date:** 1/3/2019**Client Sample ID:** Between Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	1/7/2019 3:10:00 PM
Ethylbenzene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
m,p-Xylene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
o-Xylene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
Toluene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
Chlorobenzene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/7/2019 3:10:00 PM
Surr: 4-Bromofluorobenzene	101	76.1-125		%REC	1	1/7/2019 3:10:00 PM

Adirondack Environmental Services, Inc

Date: 14-Jan-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190104013
PO#: 204819

Lab SampleID: 190104013-003**Collection Date:** 1/3/2019**Client Sample ID:** After Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	1/7/2019 2:06:00 PM
Ethylbenzene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
m,p-Xylene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
o-Xylene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
Toluene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
Chlorobenzene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/7/2019 2:06:00 PM
Surr: 4-Bromofluorobenzene	103	76.1-125		%REC	1	1/7/2019 2:06:00 PM

Adirondack Environmental Services, Inc

Date: 11-Feb-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190201005
PO#: 204819

Lab SampleID: 190201005-001**Collection Date:** 2/1/2019**Client Sample ID:** Before Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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FIELD-PH, RES CL2, AND TEMP ARE NOT ELAP CERTIFIABLE

Analyst: FLD

Meter Reading

1234181

Gallons

2/1/2019

VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	79	12		µg/L	25	2/8/2019 7:26:00 PM
Ethylbenzene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
m,p-Xylene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
o-Xylene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
Toluene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
Chlorobenzene	4500	25		µg/L	25	2/8/2019 7:26:00 PM
1,3-Dichlorobenzene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
1,4-Dichlorobenzene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
1,2-Dichlorobenzene	ND	25		µg/L	25	2/8/2019 7:26:00 PM
Surr: 4-Bromofluorobenzene	97.2	76.1-125		%REC	25	2/8/2019 7:26:00 PM

Lab SampleID: 190201005-002**Collection Date:** 2/1/2019**Client Sample ID:** Between Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	2/8/2019 5:14:00 PM
Ethylbenzene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
m,p-Xylene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
o-Xylene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
Toluene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
Chlorobenzene	2.0	1.0		µg/L	1	2/8/2019 5:14:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	2/8/2019 5:14:00 PM
Surr: 4-Bromofluorobenzene	100	76.1-125		%REC	1	2/8/2019 5:14:00 PM

Adirondack Environmental Services, Inc

Date: 11-Feb-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190201005
PO#: 204819

Lab SampleID: 190201005-003**Collection Date:** 2/1/2019**Client Sample ID:** After Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	2/8/2019 4:52:00 PM
Ethylbenzene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
m,p-Xylene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
o-Xylene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
Toluene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
Chlorobenzene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	2/8/2019 4:52:00 PM
Surr: 4-Bromofluorobenzene	109	76.1-125		%REC	1	2/8/2019 4:52:00 PM

Adirondack Environmental Services, Inc

Date: 07-Mar-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190301037
PO#: 204819

Lab SampleID: 190301037-001**Collection Date:** 3/1/2019**Client Sample ID:** Before Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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FIELD-PH, RES CL2, AND TEMP ARE NOT ELAP CERTIFIABLE

Analyst: FLD

Meter Reading	1234181			gal		3/1/2019
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	5.6	0.5		µg/L	1	3/6/2019 5:21:00 PM
Ethylbenzene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
m,p-Xylene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
o-Xylene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
Toluene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
Chlorobenzene	270	1.0	E	µg/L	1	3/6/2019 5:21:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/6/2019 5:21:00 PM
Surr: 4-Bromofluorobenzene	104	76.1-125		%REC	1	3/6/2019 5:21:00 PM

Lab SampleID: 190301037-002**Collection Date:** 3/1/2019**Client Sample ID:** Between Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	3/5/2019 1:20:00 AM
Ethylbenzene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
m,p-Xylene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
o-Xylene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
Toluene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
Chlorobenzene	1.7	1.0	N+	µg/L	1	3/5/2019 1:20:00 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2019 1:20:00 AM
Surr: 4-Bromofluorobenzene	106	76.1-125		%REC	1	3/5/2019 1:20:00 AM

Adirondack Environmental Services, Inc

Date: 07-Mar-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190301037
PO#: 204819

Lab SampleID: 190301037-003**Collection Date:** 3/1/2019**Client Sample ID:** After Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	3/5/2019 12:58:00 AM
Ethylbenzene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
m,p-Xylene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
o-Xylene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
Toluene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
Chlorobenzene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/5/2019 12:58:00 AM
Surr: 4-Bromofluorobenzene	107	76.1-125		%REC	1	3/5/2019 12:58:00 AM

Adirondack Environmental Services, Inc

Date: 22-Apr-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190412014
PO#: 204819

Lab SampleID: 190412014-001**Collection Date:** 4/12/2019**Client Sample ID:** Before Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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FIELD-PH, RES CL2, AND TEMP ARE NOT ELAP CERTIFIABLEAnalyst: **FLD**

Meter Reading	1234181			gal		4/12/2019
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VOLATILE ORGANICS - EPA 601/602Analyst: **SMD**

Benzene	35	12		µg/L	25	4/19/2019 9:41:00 PM
Ethylbenzene	ND	25		µg/L	25	4/19/2019 9:41:00 PM
m,p-Xylene	ND	25		µg/L	25	4/19/2019 9:41:00 PM
o-Xylene	ND	25		µg/L	25	4/19/2019 9:41:00 PM
Chlorobenzene	1800	25		µg/L	25	4/19/2019 9:41:00 PM
1,3-Dichlorobenzene	ND	25		µg/L	25	4/19/2019 9:41:00 PM
1,4-Dichlorobenzene	ND	25		µg/L	25	4/19/2019 9:41:00 PM
1,2-Dichlorobenzene	ND	25		µg/L	25	4/19/2019 9:41:00 PM
Surr: 4-Bromofluorobenzene	98.5	76.1-125		%REC	25	4/19/2019 9:41:00 PM

Lab SampleID: 190412014-002**Collection Date:** 4/12/2019**Client Sample ID:** Between Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602Analyst: **MG**

Benzene	ND	0.5		µg/L	1	4/15/2019 4:55:00 PM
Ethylbenzene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
m,p-Xylene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
o-Xylene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
Toluene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
Chlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:55:00 PM
Surr: 4-Bromofluorobenzene	110	76.1-125		%REC	1	4/15/2019 4:55:00 PM

Adirondack Environmental Services, Inc

Date: 22-Apr-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190412014
PO#: 204819

Lab SampleID: 190412014-003**Collection Date:** 4/12/2019**Client Sample ID:** After Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: MG

Benzene	ND	0.5		µg/L	1	4/15/2019 4:34:00 PM
Ethylbenzene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
m,p-Xylene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
o-Xylene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
Toluene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
Chlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	4/15/2019 4:34:00 PM
Surr: 4-Bromofluorobenzene	113	76.1-125		%REC	1	4/15/2019 4:34:00 PM

Adirondack Environmental Services, Inc

Date: 14-May-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190510023
PO#: 204819

Lab SampleID: 190510023-001**Collection Date:** 5/9/2019**Client Sample ID:** Before Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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FIELD-PH, RES CL2, AND TEMP ARE NOT ELAP CERTIFIABLE

Analyst: FLD

Meter Reading	1234.180			gal		5/9/2019
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	50	12		µg/L	25	5/13/2019 8:48:00 PM
Ethylbenzene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
m,p-Xylene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
o-Xylene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
Toluene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
Chlorobenzene	3800	25		µg/L	25	5/13/2019 8:48:00 PM
1,3-Dichlorobenzene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
1,4-Dichlorobenzene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
1,2-Dichlorobenzene	ND	25		µg/L	25	5/13/2019 8:48:00 PM
Surr: 4-Bromofluorobenzene	90.1	76.1-125		%REC	25	5/13/2019 8:48:00 PM

Lab SampleID: 190510023-002**Collection Date:** 5/9/2019**Client Sample ID:** Between Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	5/13/2019 6:03:00 PM
Ethylbenzene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
m,p-Xylene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
o-Xylene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
Toluene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
Chlorobenzene	2.1	1.0		µg/L	1	5/13/2019 6:03:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/13/2019 6:03:00 PM
Surr: 4-Bromofluorobenzene	96.1	76.1-125		%REC	1	5/13/2019 6:03:00 PM

Adirondack Environmental Services, Inc

Date: 14-May-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190510023
PO#: 204819

Lab SampleID: 190510023-003**Collection Date:** 5/9/2019**Client Sample ID:** After Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	5/13/2019 5:42:00 PM
Ethylbenzene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
m,p-Xylene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
o-Xylene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
Toluene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
Chlorobenzene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/13/2019 5:42:00 PM
Surr: 4-Bromofluorobenzene	96.1	76.1-125		%REC	1	5/13/2019 5:42:00 PM

Adirondack Environmental Services, Inc

Date: 02-Jul-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190621006
PO#: 204819

Lab SampleID: 190621006-001**Collection Date:** 6/20/2019**Client Sample ID:** Before Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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FIELD-PH, RES CL2, AND TEMP ARE NOT ELAP CERTIFIABLE

Analyst: FLD

Meter Reading	1234181			gal		6/20/2019
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	73	12		µg/L	25	6/21/2019 8:15:00 PM
Ethylbenzene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
m,p-Xylene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
o-Xylene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
Toluene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
Chlorobenzene	2800	25		µg/L	25	6/21/2019 8:15:00 PM
1,3-Dichlorobenzene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
1,4-Dichlorobenzene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
1,2-Dichlorobenzene	ND	25		µg/L	25	6/21/2019 8:15:00 PM
Surr: 4-Bromofluorobenzene	106	76.1-125		%REC	25	6/21/2019 8:15:00 PM

Lab SampleID: 190621006-002**Collection Date:** 6/20/2019**Client Sample ID:** Between Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	6/21/2019 6:20:00 PM
Ethylbenzene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
m,p-Xylene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
o-Xylene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
Toluene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
Chlorobenzene	3.0	1.0		µg/L	1	6/21/2019 6:20:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2019 6:20:00 PM
Surr: 4-Bromofluorobenzene	107	76.1-125		%REC	1	6/21/2019 6:20:00 PM

Adirondack Environmental Services, Inc

Date: 02-Jul-19

CLIENT: AMRI-Rensselaer, Inc
Project: Building 30
Monthly

LabWork Order: 190621006
PO#: 204819

Lab SampleID: 190621006-003**Collection Date:** 6/20/2019**Client Sample ID:** After Filters**Matrix:** GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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VOLATILE ORGANICS - EPA 601/602

Analyst: SMD

Benzene	ND	0.5		µg/L	1	6/21/2019 5:59:00 PM
Ethylbenzene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
m,p-Xylene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
o-Xylene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
Toluene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
Chlorobenzene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/21/2019 5:59:00 PM
Surr: 4-Bromofluorobenzene	108	76.1-125		%REC	1	6/21/2019 5:59:00 PM