

2015 PERIODIC REVIEW REPORT (JANUARY 2015- DECEMBER 2015) AUTOHAUS OF ROCHESTER SITE (828084) 99 MARSH ROAD, EAST ROCHESTER, NY

by Haley & Aldrich of New York Rochester, New York

for 99 Marsh Road Real Estate Holdings, LLC Victor, New York

File No. 35294-012 March 2016



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New York State Department of Environmental Conservation Division of Environmental Remediation 625 Broadway – Floor 12 Southwest Albany, New York 12233-7013

Attention: Mr. William Welling

Project Manager

Subject: 2015 Periodic Review Report

Former Autohaus of Rochester Site ID No. 828084

99 Marsh Rd

East Rochester, New York

Ladies and Gentlemen:

Haley and Aldrich of New York (Haley & Aldrich) is pleased to submit this annual Periodic Review Report (PRR) which provides the periodic certification and status of the operation, maintenance and monitoring program for the Former Autohaus of Rochester Site ID No. 828084 located at 99 Marsh Rd, East Rochester, New York for the calendar year 2015.

The report includes the certification forms, a description of Site Activities that includes the results of periodic groundwater sampling and the description of the implementation of the "Supplemental Remedial Work Plan – Chemical Oxidation Injection" (Haley & Aldrich, August 2014) performed at the site during the reporting period.

This report is being submitted to the New York State Department of Environmental Conservation (NYSDEC) in electronic format in accordance with the NYSDEC letter dated 08 January 2016. If a hard copy of this report or any part is required please let us know and we can forward.

New York State Department of Environmental Conservation 31 March 2016 Page 2

Please do not hesitate to call us if there are any questions.

Sincerely yours,

HALEY & ALDRICH OF NEW YORK

Mark N. Ramsdell, P.E. Senior Project Manager

Vincent B. Dick Senior Vice President

Enclosures

c: F. Butera, Van Bortel

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Table of Contents

			Page
List of			ii ii
1.	Site	Overview	1
	1.1 1.2	INTRODUCTION AND PURPOSE SITE BACKGROUND	1 1
2.	Evalu	uation of Remedy Performance, Effectiveness, and Protectiveness	3
3.	Statu	s of Institutional Controls and Engineering Controls	4
	3.1 3.2	INSTITUTIONAL CONTROLS ENGINEERING CONTROLS	4 4
4.	Grou	ndwater Monitoring	5
5.	Grou	ndwater Analytical Data	6
	5.1 5.2	2015 ANALYTICAL RESULTS 2015 SITE ACTIVITIES	6 6
6.	Conc	lusions and Recommendations	7

i

Tables

Figures

Appendix A – IC/EC Certification Form

Appendix B – 2015 Laboratory Data Packages

Appendix C – Historical Groundwater Data (2007-2014)

Appendix D – Special Use Permit



List of Tables

Table No.	Title
1	Summary of Analytical Results –Injection Area Wells
2	Summary of Analytical Results –2015

List of Figures

Figure No.	Title
1	Project Locus
2	Site Plan
3	Injection Locations
4	VOC Exceedances in Groundwater



1. Site Overview

1.1 INTRODUCTION AND PURPOSE

This PRR summarizes the operation; maintenance and monitoring program for the Former Autohaus of Rochester Site ID No. 828084 located at 99 Marsh Rd., East Rochester, New York (see Figure 1). This report summarizes activities performed and presents data collected during the reporting period 1 January through 31 December 2015 and is intended to satisfy the PRR and annual reporting requirements described in the NYSDEC-approved Site Management Plan (SMP) dated March 2013.

1.2 SITE BACKGROUND

The former Autohaus of Rochester Site is located at 99 Marsh Rd. in the Town of Perinton, New York. The 1.6 acre property is zoned as commercial and is situated both in the Town of Perinton and the Village of East Rochester. The site is currently listed by the NYSDEC as a Class 4 inactive hazardous waste site.

Surrounding the property, a Van Bortel Ford dealership is located north of the former Autohaus building. The area between the Autohaus Building and the dealership is paved and is currently used for vehicle parking for the dealership, as are other surface parking areas around the former Autohaus property. The westernmost edge of the site consists of an approximate twenty-five foot rise in elevation, and that adjoining property is currently owned by the Wells Landing housing development. To the east, the property is bordered by Marsh Road and auto dealerships beyond Marsh Road. South of the site is an elevated rail bed.

In 1989 and 1990, subsurface investigations detected the presence of VOC in the groundwater adjacent to a nearby drywell located beneath the parking lot adjacent to the former Autohaus building. An Interim Remedial Measure (IRM) involving removal of the drywell and its associated piping was completed in 1992 and post-IRM characterization performed in 1997 indicated that the majority of the impacted soils were removed during the IRM. In addition, groundwater monitoring performed as part of the post IRM characterization indicated that the VOC concentrations in groundwater had decreased and the areal extent of impacted groundwater was stable. The ROD prescribed a selected remedy of no further action with continued monitoring to confirm the decreasing trend of VOC concentrations in the groundwater.

Over the 2007-2014 monitoring period two volatile organic compounds (VOC) continued to be consistently detected in groundwater samples collected at monitoring well GR-09 at concentrations above the NYSDEC Ambient Water Quality Standards (AWQS). In April 2014, 99 Marsh Road Real Estate Holdings LLC purchased the property from 99 Marsh Road, LLC and signed a consent order with the NYSDEC that outlined its role as a volunteer in performing limited site management with additional action in addition to what was prescribed by the ROD. That action included work to attempt further reduction of concentrations in the GP-9 well to enable delisting of the former Autohaus site from the NYSDEC registry.

On behalf of 99 Marsh Rd. Real Estate Holdings LLC, Haley & Aldrich prepared and submitted to the NYSDEC a Supplemental Remedial Action Work Plan - Chemical Oxidation Injection in August 2014 (Work Plan). To prepare for and evaluate the effectiveness of the proposed injection program, (2) monitoring



wells, MW-101 and MW-102 were installed located north of GP-9 in September 2014. The Work Plan was implemented in February 2015 with a total of 1,632 gallons of sodium persulfate solution placed into a series of injection points located north and south of monitoring well GP-09. Three groundwater sampling events were completed in 2015 at approximately 30, 90 and 180 day periods following the injection. Analytical results of the groundwater sampling are contained in this report. Table 1 shows all sampling events for the three monitoring wells in the injection area (GP-09, MW-101, and MW-102). Table 2 summarizes the remainder of the monitoring wells on the site for 2015.



2. Evaluation of Remedy Performance, Effectiveness, and Protectiveness

The remedy for this site consists of "no further action" combined with groundwater monitoring. The additional remedial measure of the Chemical Oxidation Injection was completed in February of 2015 and the results evaluation is being completed and will be submitted to NYSDEC under separate document . During the 2015 certification period the no further action remedy has remained protective of human health and the environment. The certification is included on the forms in Appendix A of this PRR.



3. Status of Institutional Controls and Engineering Controls

3.1 INSTITUTIONAL CONTROLS

The Institutional Control (IC) at the former Autohaus of Rochester site is a NYSDEC-approved Site Management Plan (SMP) (EA Engineering, 2013). The SMP limits potential human and environmental exposure to residual contamination by restricting activity, use and access to the identified impacts at the property. The SMP utilizes a long term monitoring plan to track the current trend of declining groundwater contamination concentrations on the site.

This Institutional Control remained in effect throughout the 2015 reporting period.

There was a Special Use Permit issued by the Town of Perinton to allow the expansion of operations at the site, anticipated to include building modifications for car washing and prep for the adjoining VanBortel Ford operation. During the 2015 reporting period no work was completed to modify the building and that work is currently planned to occur sometime in 2016. A copy of the permit is included in Appendix D.

3.2 ENGINEERING CONTROLS

The Engineering Controls (EC) provides a physical means to limit or eliminate exposure to residual contamination or physical hazards through the use of or substitution of engineered machinery or equipment. This EC at the site includes a network of groundwater monitoring wells that provides depths to groundwater and a method to monitor and confirm site groundwater quality and quality trends. In September, 2014, two additional groundwater wells were added to the monitoring network to evaluate the down-gradient groundwater quality prior to and following the implementation of the Supplemental Remedial Action Work Plan. Shortly after the installation of the new wells, all of the existing network wells and the newly installed wells; MW-101 and MW-102 were sampled to obtain baseline groundwater quality information prior to the injection.

Following the chemical oxidation injection performed in February 2015, wells MW-101, MW-102 and GP-9 were also sampled at approximately 30 and 90 days after the injection to provide short term changes in groundwater quality nearest the injection locations, see Table 1 for summary of results. At approximately 180 days from the injection date, all of the network wells were sampled to confirm sitewide groundwater quality, and confirm any changes that may be attributable to the injection, see Table 2 for remainder of the wells.

The EC remained in place throughout the 2015 reporting period.



4. Groundwater Monitoring

Prior to the groundwater sampling events, site-wide groundwater level measurements were collected using a water level indicator equipped with an audible alarm and a pre-calibrated steel tape. Below is a summary of the historical water level measurements obtained by a contractor to NYSDEC, and those obtained during the reporting period and observed by Haley & Aldrich.

Monitoring Well /	Measuring Point		Water Elevation (ft. AMSL)									
Piezometer	Elevation											
	(ft. AMSL)	Oct.	Oct.	April	Dec.	Oct.	Nov.	Aug.	Sept.	Mar.	May	Aug.
		2007	2008	2009	2010	2011	2013	2014	2014	2015	2015	2015
MW-01	419.24	410.21	410.04	410.84	409	410.05	409.53	409.44	409.74	(e)	409.6	409.34
MW-08S	420.4	408.14	407.77	410.4	408.26	409.1	408.36	410.89	407.94	406.69	408.68	408.51
MW-08D	421.13	405.71	405.13	406.93	405.25	406.19	405.71	408.4	405.79	405.12	405.4	405.38
MW-09	430.78	406.05	405.48	406.15	(a)							
MW-10	418.13	409.53	409.12	410.83	408.47	409.46	408.81	409.81	409.48	(e)	409.41	409.32
GP-09	418.35	405.83	405.19	406.37	405.5	406.64	405.93	406.6	407.01	404.9	405.15	405.47
MW-11	417.45	(b)	(b)	(b)	405.96	407.16	407.08	407.34	407.24	406	407.06	406.99
MW-12	417.93	(b)	(b)	(b)	406.64	406.73	408.48	409.03	409.16	407.14	408.92	408.6
MW-101 (c)	418.35	(d)	(d)	(d)	(d)	(d)	(d)	(d)	406.09	405.35	405.6	405.68
MW-102 (c)	418.35	(d)	(d)	(d)	(d)	(d)	(d)	(d)	406.3	405.5	405.95	405.69

- (a) Monitoring well MW-09 observed to be unserviceable during December 2010 gauging event.
- (b) Monitoring wells MW-11 and MW-12 installed prior to December 2010 gauging event
- (c) Monitoring wells MW-101 and MW-102 ground elevation is assumed to be the same as GP-09
- (d) Monitoring wells MW-101 and MW-102 installed prior to September 2014 gauging event
- (e) Monitoring wells MW-01 and MW-10 observed to be unserviceable during March 2015 gauging event.

NOTE: AMSL = Above mean sea level



5. Groundwater Analytical Data

Three (3) groundwater sampling events were performed during the reporting period. Analytical results of the groundwater sampling events in 2015 are summarized on Table 1 of this report. The laboratory data packages have been submitted electronically to the NYSDEC and are included in Appendix B. Historical groundwater sampling data is included in Appendix C.

The wells were sampled using low-flow sampling techniques that utilize a bladder pump and groundwater quality monitoring equipment that measures the aquifer parameters, pH, Specific Conductivity, Dissolved Oxygen, Turbidity and ORP/eH. Wells are purged of standing water slowly; once the above noted parameters stabilize indicating representative formation water has entered the well, the groundwater sample is collected. The samples were summited to Paradigm Environmental Services Inc. for analysis of VOC's using U.S. Environmental Protection Agency (USEPA) Method 8260C in accordance with NYSDEC Analytical Services Protocol. Additional analysis was conducted for Iron (total and dissolved), Sulfate and Total Organic Carbon (TOC) to assist in determining the oxidant demand effects associated with the Chemical Oxidant Injection.

5.1 2015 ANALYTICAL RESULTS

Groundwater samples were collected at well nos. GP-09, MW-101 and MW-102 during the March 2015 sampling event to obtain contaminant concentrations approximately 30 days from the date of the injection. Analytical results indicated VOC concentrations at well nos. GP-009 and MW-102 exceeded NYSDEC TOGS 1.1.1 (GA), Ambient Water Quality Standards and Guidance Values at concentrations consistent with historical trends.

In May 2015, a second groundwater sampling event was conducted at GP-09, MW-101 and MW-102 approximately 90 days after the injection. Analytical results were similar to but lower than the March 2015 event showing concentrations of VOC above the AWQS at GP-009 and MW-102. Monitoring well, MW-101 was non-detect for VOCs.

In August 2015, the third groundwater sampling event was performed on the entire monitoring well network at approximately 180 days after the injection. The analytical results of the sampling indicated that the concentrations of VOC had rebounded, but were still consistent with historic concentrations above the AWQS at GP-009 and MW-102.

5.2 2015 SITE ACTIVITIES

The chemical oxidation injection was conducted in February 2015. The injection consisted of 1,632 gallons of oxidative solution and Zero Valent Iron (ZVI) injected from 8 points to a depth of 15-29 ft. below the existing pavement surface. Haley & Aldrich was present to monitor the injection process and to confirm the injection objectives were achieved.

Interpretations and Conclusions of the results from the implementation of the supplemental Remedial Work Plan will be provided under separate cover.



6. Conclusions and Recommendations

Based on the current SMP and groundwater sampling results from the 2015 sampling events, the section provides conclusions and recommendations for future site management.

- Results of groundwater sampling events collected during three sampling events conducted in 2015 at monitoring wells nos. GP-09 and MW-102 indicate VOC concentrations greater than NYSDEC TOGS 1.1.1 (GA), Ambient Water Quality Standards and Guidance Values persist in this area of the site, at levels still consistent with historic trends.
- VOC concentrations at monitoring well MW-101 was well below the AWQS during 2015.
- Based on the continued detection of VOC at concentrations greater than AWQS, it is recommended that continued groundwater monitoring at wells GP-09 and MW-102 be performed to confirm the decreasing trend of VOC in groundwater at the Site.

In addition, to the conclusions above we recommend the following actions for consideration by the NYSDEC.

- At Well GP-09, the concrete well surface seal should be replaced during 2016. The surface seal was observed to be in need of replacement during 2015.
- Decommissioning of the monitoring wells that have been non-detect and are not needed for the
 continued monitoring, in accordance with NYSDEC Policy CP-43. The wells proposed for
 decommissioning are MW-1, MW-10, MW-11, MW-12, MW-8D and MW-8S.
- The certification / monitoring period be extended to three years, with groundwater monitoring performed every three years.

For the purposes of this PRR, the site activities undertaken in 2015 at the Site were in accordance with the Site Management Plan (IC) and the results of the groundwater sampling confirm that the Engineering Control (EC) are in place and the site remedy has remained protective of Human Health and the Environment.



TABLES



TABLE I SUMMARY OF ANALYTICAL RESULTS Injection Area Wells AUTOHAUS

Sar	Sample ID NYI Sample Date	ction Level DEC TOGS		P009-090814-1315	GP009-031215-1745	GP09-052115-1300 (GP009-081815-1530	MW101-090814-0900		/-101 	MM/404 00404E 4050	NAV4 00 00004 4 4000			
Sar	·						300 00 1010 1000	101001 030014 0300	1V1 V V 1 U 1 - U U 1 Z 1 U - 1 U 1 U	WW 101-052115-1445	101001-01010-1350	MW102-090814-1030	MW102-031215-1520	MW102-052115-1715	MW102-081715-1310
Sar			11/21/2013	09/08/2014	03/12/2015	05/21/2015	08/18/2015	09/08/2014	03/12/2015	05/21/2015	08/18/2015	09/08/2014	03/12/2015	05/21/2015	08/17/2015
Sai	Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N
	nple Depth (bgs)		19.3 - 29.3 (ft)	19.3 - 29.3 (ft)	19.3 - 29.3 (ft)	19.31 - 29.31 (ft)	19.3 - 29.3 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)
Volatile Organic Compounds (ug/L)															
1,1,1-Trichloroethane		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1,2,2-Tetrachloroethane		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1,2-Trichloroethane		1	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1-Dichloroethane		5	1.7	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1-Dichloroethene		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2,3-Trichlorobenzene				ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2,4-Trichlorobenzene		5	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane (DBCP)		0.04	ND (1)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene Dibromide)		0.0006	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichlorobenzene		3	73 ^[A]	24.7 ^[A]	58.9 ^[A]	41.6 ^[A]	50.9 ^[A]	ND (2)	ND (2)	ND (2)	ND (2)	82.6 ^[A]	73.5 ^[A]	80.6 ^[A]	85.5 M ^[A]
1,2-Dichloroethane		0.6	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichloropropane		1	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,3-Dichlorobenzene		3	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,4-Dichlorobenzene		3	3.6 ^[A]	ND (2)	2.85	2.13	2.58	ND (2)	ND (2)	ND (2)	ND (2)	7.35 ^[A]	6.71 ^[A]	7.05 ^[A]	7.09 ^[A]
1,4-Dioxane		50	ND (10)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)	ND (20)
2-Butanone (Methyl Ethyl Ketone)		50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone	20)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketor	ne)	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone		50	3 J	ND (10)	ND (10)	72.8 ^[A]	23.4	ND (10)	ND (10)	14.9	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene Bromodichloromethane		50	0.73 J ND (1)	ND (0.7) ND (2)	ND (0.7) ND (2)	0.819 ND (2)	ND (1) ND (2)	ND (0.7) ND (2)	ND (0.7) ND (2)	ND (0.7) ND (2)	ND (1) ND (2)	ND (0.7) ND (2)	ND (0.7)	ND (0.7) ND (2)	ND (1) ND (2)
Bromoform		50 50	ND (1) ND (1)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)	ND (2) ND (5)
Bromomethane (Methyl Bromide)		5	ND (1)	ND (3)	ND (3)	ND (3)	ND (3)	ND (3)	ND (2)	ND (3)	ND (2)	ND (3)	ND (2)	ND (2)	ND (3)
Carbon disulfide		60	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Carbon tetrachloride		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chlorobenzene		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chlorobromomethane		-	(.,	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Chloroethane		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)		7	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloromethane (Methyl Chloride)		5	ND (1)	ND (2)	ND (2)	5.44 ^[A]	2.29	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
cis-1,2-Dichloroethene		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
cis-1,3-Dichloropropene		0.4	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Cyclohexane			ND (1)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane		50	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Dichlorodifluoromethane (CFC-12)		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Ethylbenzene		5	5.1 ^[A]	2.46	3.4	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Isopropylbenzene		5	1.3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
m,p-Xylenes		5		ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methyl acetate			ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methyl cyclohexane			ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether		10	0.67 J	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride		5	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
o-Xylene		5	ND (C)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Styrene		5	ND (1)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Tetrachloroethene		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,2-Dichloroethene		5	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,3-Dichloropropene Trichloroethene		0.4 5	ND (1) 0.66 J	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Trichlorofluoromethane (CFC-11)		5	ND (1)	ND (2) ND (2)	ND (2)	ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Trifluorotrichloroethane (Freon 113)		5 5	ND (1) ND (1)	ND (2) ND (2)	ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Vinyl chloride		2	ND (1)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Xylene (total)		5	5.8 ^[A]	110 (2)	(2)	.40 (2)	. 40 (2)	(4)	(4)	(4)	140 (2)	(2)	(2)	(2)	(4)
, , , (10101)		J													
Inorganic Compounds (mg/L)															
Iron, Total		0.3		3.3 ^[A]	1.3 ^[A]	2.08 ^[A]	7.58 ^[A]	1.67 ^[A]	4.79 ^[A]	1.3 ^[A]	1.77 ^[A]	6.76 ^[A]	5.73 ^[A]	9.27 ^[A]	9.64 M ^[A]
Iron, Dissolved		0.3	_	ND (0.1)	ND (0.1)	ND (0.05)	ND (0.1)	ND (0.1)	ND (0.1)	0.909 ^[A]	1.68 ^[A]	0.191	ND (0.1)	5.17 ^[A]	7.9 ^[A]
Other (mg/L)															
Sulfate				120	622	2000	930	47	64.6	69	9.1	29	66.2	37	5.3
Total Organic Carbon (TOC)				9.71	11.3	21	11	5.06	2.5	2	1.9	13.9	9.4	9.1	9.3

Notes:

Haley & Aldrich, Inc.
G:\35294-000_71 & 99 Marsh Rd\012-SMP Support\2015_PRR\Table 1 - Target Wells 2013-2015.xlsx

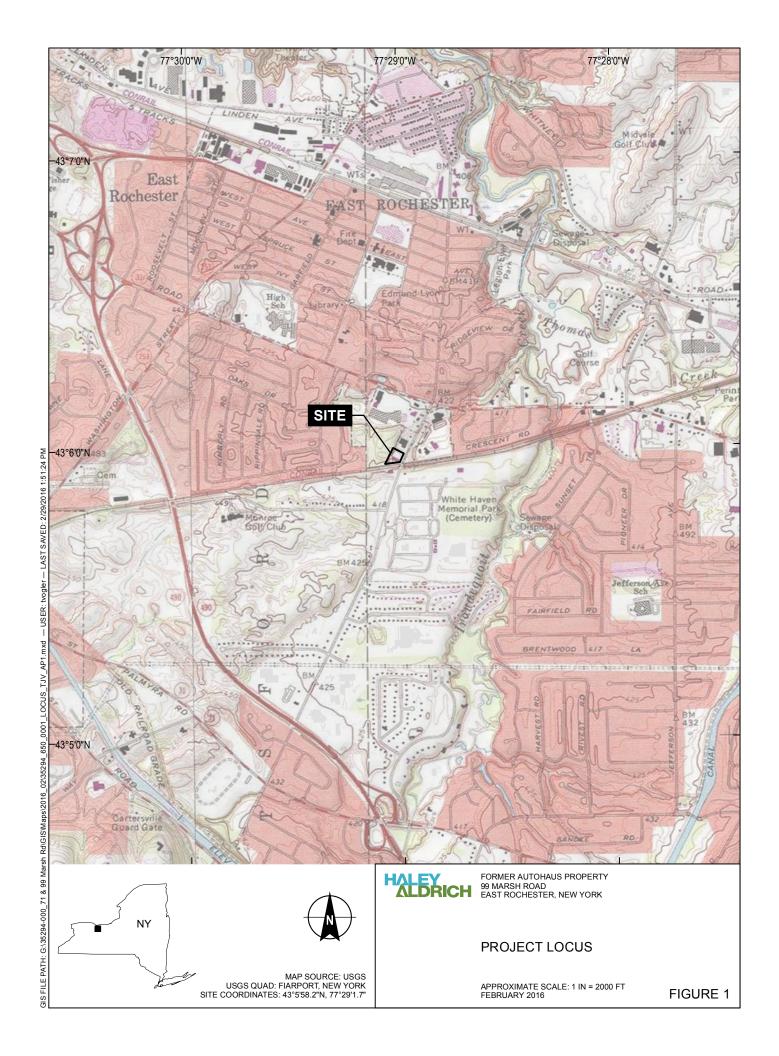
TABLE 2 SUMMARY OF ANALYTICAL RESULTS - 2015 AUTOHAUS

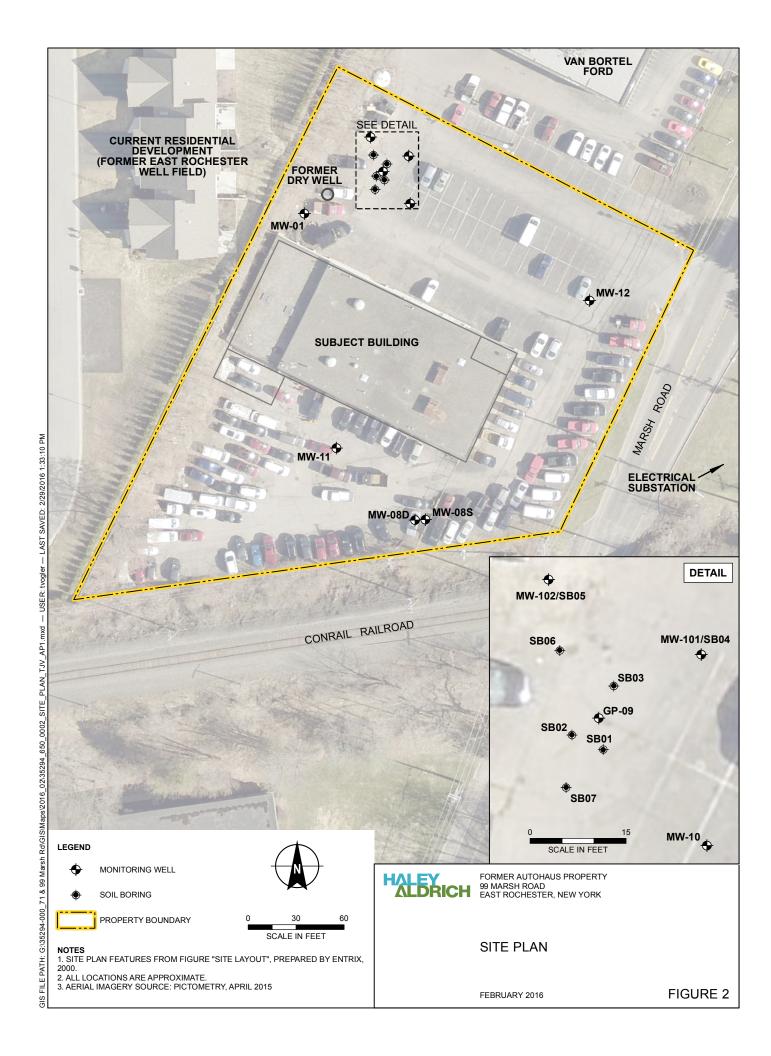
Location	Action Level	MW-1	MW-10	MW		MW-12	MW-8D	MW-8S
Sample ID	NYDEC TOGS						MW08D-081815-0915	
Sample Date Sample Type		08/17/2015 N	08/18/2015 N	08/17/2015 N	08/17/2015 FD	08/18/2015 N	08/18/2015 N	08/18/2015 N
Sample Type Sample Depth (bgs)		13.9 - 23.9 (ft)	8.3 - 18.3 (ft)	18.8 - 28.8 (ft)	18.8 - 28.8 (ft)	19.1 - 29.1 (ft)	62 - 72 (ft)	14.2 - 24.2 (ft)
Campio Bopai (bgo)		10.0 20.0 (11)	0.0 10.0 (1.)	10.0 20.0 (11)	10.0 20.0 (11)	10.11 20.11 (11)	02 72 (11)	1 112 2 112 (11)
Volatile Organic Compounds (ug/L)								
1,1,1-Trichloroethane	5	ND (2)						
1,1,2,2-Tetrachloroethane	5	ND (2)						
1,1,2-Trichloroethane	1	ND (2)						
1,1-Dichloroethane	5	ND (2)						
1,1-Dichloroethene	5	ND (2)						
1,2,3-Trichlorobenzene	5	ND (5)						
1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (5) ND (10)						
1,2-Dibromoethane (Ethylene Dibromide)	0.006	ND (10) ND (2)						
1,2-Dichlorobenzene	3	ND (2)						
1,2-Dichloroethane	0.6	ND (2)						
1,2-Dichloropropane	1	ND (2)						
1,3-Dichlorobenzene	3	ND (2)						
1,4-Dichlorobenzene	3	ND (2)						
1,4-Dioxane		ND (20)						
2-Butanone (Methyl Ethyl Ketone)	50	ND (10)						
2-Hexanone	50	ND (5)						
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		ND (5)						
Acetone	50	ND (10)						
Benzene	1	ND (1)						
Bromodichloromethane Bromoform	50 50	ND (2)	ND (2) ND (5)	ND (2) ND (5)	ND (2)	ND (2)	ND (2)	ND (2)
Bromomethane (Methyl Bromide)	50	ND (5) ND (2)						
Carbon disulfide	60	ND (2)	ND (2) ND (2)	ND (2)				
Carbon tetrachloride	5	ND (2)						
Chlorobenzene	5	ND (2)						
Chlorobromomethane		ND (5)						
Chloroethane	5	ND (2)						
Chloroform (Trichloromethane)	7	ND (2)						
Chloromethane (Methyl Chloride)	5	ND (2)						
cis-1,2-Dichloroethene	5	ND (2)						
cis-1,3-Dichloropropene	0.4	ND (2)						
Cyclohexane Dibromochloromethane	50	ND (10)						
Dichlorodifluoromethane (CFC-12)	50 5	ND (2) ND (2)						
Ethylbenzene	5	ND (2) ND (2)						
Isopropylbenzene	5	ND (2)						
m,p-Xylenes	5	ND (2)						
Methyl acetate	•	ND (2)						
Methyl cyclohexane		ND (2)						
Methyl Tert Butyl Ether	10	ND (2)						
Methylene chloride	5	ND (5)						
o-Xylene	5	ND (2)						
Styrene	5	ND (5)						
Tetrachloroethene	5	ND (2)						
Toluene trans-1,2-Dichloroethene	5 5	ND (2) ND (2)						
trans-1,2-Dichloropetnene trans-1,3-Dichloropropene	0.4	ND (2) ND (2)						
Trichloroethene	5	ND (2) ND (2)	ND (2)	ND (2) ND (2)	ND (2)	ND (2)	ND (2) ND (2)	ND (2) ND (2)
Trichlorofluoromethane (CFC-11)	5	ND (2)						
Trifluorotrichloroethane (Freon 113)	5	ND (2)						
Vinyl chloride	2	ND (2)						
Xylene (total)	5		[[
Inorganic Compounds (mg/L)	0.0							
Iron, Total Iron, Dissolved	0.3 0.3							
iioli, Dissolved	0.3							
Other (mg/L)								
Sulfate								
Total Organic Carbon (TOC)								

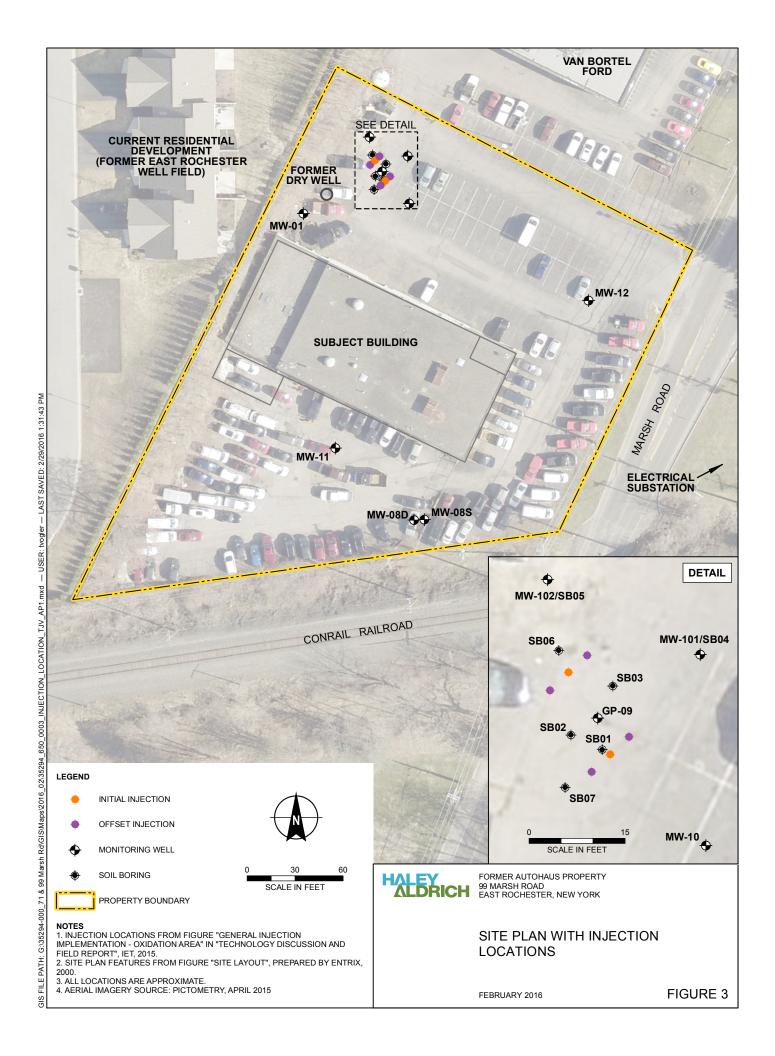
Notes:
A - NYDEC_TOGS_AMBIENT_WATER_Class_GA
Haley & Aldrich, Inc.
G:\35294-000_71 & 99 Marsh Rd\012-SMP Support\2015_PRR\Table 2 - Other Wells Aug 2015.xlsx

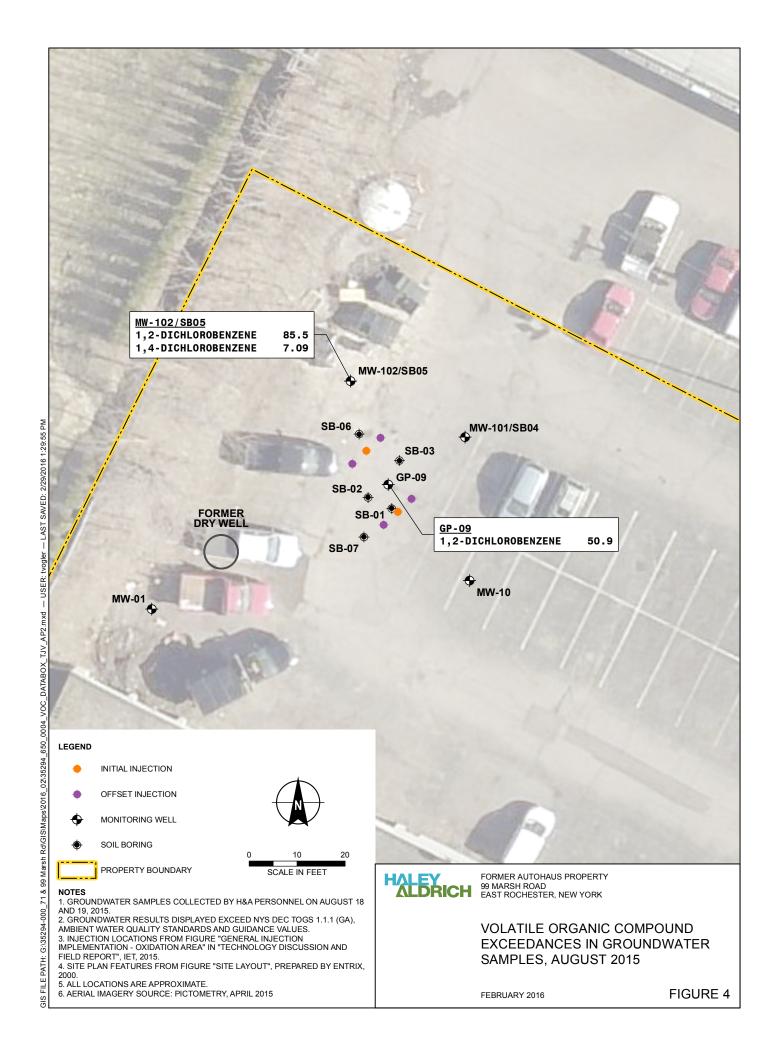
FIGURES











APPENDIX A

IC/EC Certification Form





Enclosure 2 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



Sit	e No. 828084	Site	Details		Box 1	
Sit	e Name Autohaus	of Rochester				
Cit Cc	e Address: 99 Marsl y/Town: East Roche ounty: Monroe e Acreage: 1.6	•	445			
Re	porting Period: Dece	ember 31, 2014 to Decembe	er 31, 2015			
					YES	NO
1.	Is the information at	oove correct?			X	
	If NO, include hands	written above or on a separa	ate sheet.			
2.		ne site property been sold, s t during this Reporting Perio		undergone a		X
3.	Has there been any (see 6NYCRR 375-	change of use at the site di 1.11(d))?	uring this Reporting Per	riod		□X.
4.	Have any federal, st for or at the property	ate, and/or local permits (e. during this Reporting Perio	.g., building, discharge) od? Special use permit is Town of Perinton	been issued ssued from	DX.	
		ES to questions 2 thru 4, i n has been previously sul				
5.	Is the site currently	undergoing development?				X
					Box 2	
					YES	NO
6.	Is the current site us Commercial and Inc	se consistent with the use(s lustrial) listed below?		X	
7.	Are all ICs/ECs in p	ace and functioning as des	igned?		TX.	
		R TO EITHER QUESTION 6 OMPLETE THE REST OF T				
A	Corrective Measures	Work Plan must be submitt	ed along with this form	to address these	issues.	

SITE NO. 828084 Box 3

Description of Institutional Controls

ParcelOwnerInstitutional Control152.13-3-499 Marsh Road Real Estate Holdings, LLCMonitoring Plan

Site Management Plan

Box 4

Consent Order with the owner requires compliance with and implementation of the Site Management Plan

Description of Engineering Controls

Monitoring well network

Box	5
-----	---

	Periodic Review Report (PRR) Certification Statements							
1.	I certify by checking "YES" below that:							
	a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;							
	b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted							
	engineering practices; and the information presented is accurate and compete. YES NO							
	$ar{f M}$							
2.	If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:							
	(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;							
	(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;							
(c) access to the site will continue to be provided to the Department, to evaluate the ren including access to evaluate the continued maintenance of this Control;								
	(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and							
	(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.							
	YES NO							
	$oldsymbol{\mathbb{X}}$							
	IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.							
	A Corrective Measures Work Plan must be submitted along with this form to address these issues.							
	Signature of Owner, Remedial Party or Designated Representative Date							

IC CERTIFICATIONS SITE NO. 828084

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

l <u>Mary C. Van Bortel</u> print name	at <u>71 Marsh Road. East Ro</u> print business addre	
am certifying as <u>Owner</u>		(Owner or Remedial Party)
for the Site named in the Site D	etails Section of this form.	
Signature of Owner, Remedial Rendering Certification	Party, or Designated Representative	3/30/16 Date

IC/EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

Haley & Aldrich of NY

200 Town Centre Drive, Suite 2

Mark N. Ramsdell, P.E.

____ at _

Rochester, NY 14623

print business address

am certifying as a for the Owner

(Owner or Remedial Party)

Signature of , for the Owner or Remedial Party, Rendering Certification

Stand OFESSION A

Date

APPENDIX B

Laboratory Data Packages





Analytical Report For

Haley & Aldrich

For Lab Project ID

150802

Referencing

35294-010 Autohaus

Prepared

Wednesday, March 25, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

NO (MALI)

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



3/20/2015

Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010 Autohaus

Sample Identifier: MW101-031215-1310

Lab Sample ID:150802-01Date Sampled:3/12/2015Matrix:GroundwaterDate Received:3/13/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron & < 0.100 & mg/L & 3/19/2015 & 11:08

Method Reference(s): EPA 6010C

EPA 3005

 Preparation Date:
 3/18/2015

 Data File:
 031815b

<u>Metals</u>

Analyte Result Units Qualifier Date Analyzed

Iron 4.79 mg/L 3/19/2015 11:12

Method Reference(s): EPA 6010C

EPA 3005

 Preparation Date:
 3/18/2015

 Data File:
 031815b

Sulfate

Analyte Result Units Qualifier Date Analyzed

Sulfate **64.6** mg/L

Method Reference(s): EPA 300.0 Subcontractor ELAP ID: 10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon **2.50** mg/L 3/24/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/16/2015 15:45
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/16/2015 15:45
1,1,2-Trichloroethane	< 2.00	ug/L		3/16/2015 15:45
1,1-Dichloroethane	< 2.00	ug/L		3/16/2015 15:45

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Page 2 of 15



Client: Haley & Aldrich

Project Reference: 35294-010 Autohaus

Sample Identifier:	MW101-031215-1310				
Lab Sample ID:	150802-01		Date Sampled:	3/12/2015	
Matrix:	Groundwater		Date Received:	3/13/2015	
1,1-Dichloroethene	< 2.00	ug/L		3/16/2015	15:45
1,2,3-Trichlorobenzene	< 5.00	ug/L		3/16/2015	15:45
1,2,4-Trichlorobenzene	< 5.00	ug/L		3/16/2015	15:45
1,2-Dibromo-3-Chloropro	pane < 10.0	ug/L		3/16/2015	15:4
1,2-Dibromoethane	< 2.00	ug/L		3/16/2015	15:4
1,2-Dichlorobenzene	< 2.00	ug/L		3/16/2015	15:45
1,2-Dichloroethane	< 2.00	ug/L		3/16/2015	15:45
1,2-Dichloropropane	< 2.00	ug/L		3/16/2015	15:45
1,3-Dichlorobenzene	< 2.00	ug/L		3/16/2015	15:45
1,4-Dichlorobenzene	< 2.00	ug/L		3/16/2015	15:4
1,4-dioxane	< 20.0	ug/L		3/16/2015	15:4
2-Butanone	< 10.0	ug/L		3/16/2015	15:45
2-Hexanone	< 5.00	ug/L		3/16/2015	15:45
4-Methyl-2-pentanone	< 5.00	ug/L		3/16/2015	15:45
Acetone	< 10.0	ug/L		3/16/2015	15:45
Benzene	< 0.700	ug/L		3/16/2015	15:45
Bromochloromethane	< 5.00	ug/L		3/16/2015	15:4
Bromodichloromethane	< 2.00	ug/L		3/16/2015	15:4
Bromoform	< 5.00	ug/L		3/16/2015	15:4
Bromomethane	< 2.00	ug/L		3/16/2015	15:45
Carbon disulfide	< 2.00	ug/L		3/16/2015	15:45
Carbon Tetrachloride	< 2.00	ug/L		3/16/2015	15:45
Chlorobenzene	< 2.00	ug/L		3/16/2015	15:4
Chloroethane	< 2.00	ug/L		3/16/2015	15:4
Chloroform	< 2.00	ug/L		3/16/2015	15:4
Chloromethane	< 2.00	ug/L		3/16/2015	15:4
cis-1,2-Dichloroethene	< 2.00	ug/L		3/16/2015	15:45
cis-1,3-Dichloropropene	< 2.00	ug/L		3/16/2015	15:45
Cyclohexane	< 10.0	ug/L		3/16/2015	15:4
Dibromochloromethane	< 2.00	ug/L		3/16/2015	15:4
Dichlorodifluoromethane	< 2.00	ug/L		3/16/2015	15:45
Ethylbenzene	< 2.00	ug/L		3/16/2015	15:45

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt Page 3 of 15



Client: Haley & Aldrich

Project Reference: 35294-010 Autohaus

Sample Identifier:	MW101-031215-1310					
Lab Sample ID:	150802-01		Dat	e Sampled:	3/12/2015	
Matrix:	Groundwater		Dat	e Received:	3/13/2015	
Freon 113	< 2.00	ug/L			3/16/2015	15:45
Isopropylbenzene	< 2.00	ug/L			3/16/2015	15:45
m,p-Xylene	< 2.00	ug/L			3/16/2015	15:45
Methyl acetate	< 2.00	ug/L			3/16/2015	15:45
Methyl tert-butyl Ether	< 2.00	ug/L			3/16/2015	15:45
Methylcyclohexane	< 2.00	ug/L			3/16/2015	15:45
Methylene chloride	< 5.00	ug/L			3/16/2015	15:45
o-Xylene	< 2.00	ug/L			3/16/2015	15:45
Styrene	< 5.00	ug/L			3/16/2015	15:45
Tetrachloroethene	< 2.00	ug/L			3/16/2015	15:45
Toluene	< 2.00	ug/L			3/16/2015	15:45
trans-1,2-Dichloroethene	< 2.00	ug/L			3/16/2015	15:45
trans-1,3-Dichloropropen	e < 2.00	ug/L			3/16/2015	15:45
Trichloroethene	< 2.00	ug/L			3/16/2015	15:45
Trichlorofluoromethane	< 2.00	ug/L			3/16/2015	15:45
Vinyl chloride	< 2.00	ug/L			3/16/2015	15:45
Surrogate	Perc	ent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	zed
1,2-Dichloroethane-d4		103	80.4 - 116		3/16/2015	15:45
4-Bromofluorobenzene		95.8	87 - 109		3/16/2015	15:45
Pentafluorobenzene		99.6	92.8 - 109		3/16/2015	15:45
Toluene-D8		96.0	92.1 - 107		3/16/2015	15:45

Method Reference(s): EPA 8260C

EPA 5030

Data File: x20960.D



3/19/2015 11:16

3/20/2015

Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010 Autohaus

Sample Identifier: MW102-031215-1520

Lab Sample ID:150802-02Date Sampled:3/12/2015Matrix:GroundwaterDate Received:3/13/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron < 0.100 mg/L

Method Reference(s): EPA 6010C

EPA 3005

 Preparation Date:
 3/18/2015

 Data File:
 031815b

Metals

Analyte Result Units Qualifier Date Analyzed

Iron 5.73 mg/L 3/19/2015 11:21

Method Reference(s): EPA 6010C

EPA 3005

 Preparation Date:
 3/18/2015

 Data File:
 031815b

Sulfate

Analyte Result Units Qualifier Date Analyzed

Sulfate 66.2 mg/L

Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon 9.40 mg/L 3/24/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/16/2015 16:09
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/16/2015 16:09
1,1,2-Trichloroethane	< 2.00	ug/L		3/16/2015 16:09
1,1-Dichloroethane	< 2.00	ug/L		3/16/2015 16:09

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Page 5 of 15



Client: Haley & Aldrich

Project Reference: 35294-010 Autohaus

Sample Identifier: Lab Sample ID: Matrix:	MW102-0312 150802-02 Groundwater			Date Sampled: Date Received:	3/12/2015 3/13/2015	
1,1-Dichloroethene		< 2.00	ug/L		3/16/2015	16:09
1,2,3-Trichlorobenzene		< 5.00	ug/L		3/16/2015	16:09
1,2,4-Trichlorobenzene		< 5.00	ug/L		3/16/2015	16:09
1,2-Dibromo-3-Chloropr	ropane	< 10.0	ug/L		3/16/2015	16:09
1,2-Dibromoethane		< 2.00	ug/L		3/16/2015	16:09
1,2-Dichlorobenzene		73.5	ug/L		3/16/2015	16:09
1,2-Dichloroethane		< 2.00	ug/L		3/16/2015	16:09
1,2-Dichloropropane		< 2.00	ug/L		3/16/2015	16:09
1,3-Dichlorobenzene		< 2.00	ug/L		3/16/2015	16:09
1,4-Dichlorobenzene		6.71	ug/L		3/16/2015	16:09
1,4-dioxane		< 20.0	ug/L		3/16/2015	16:09
2-Butanone		< 10.0	ug/L		3/16/2015	16:09
2-Hexanone		< 5.00	ug/L		3/16/2015	16:09
4-Methyl-2-pentanone		< 5.00	ug/L		3/16/2015	16:09
Acetone		< 10.0	ug/L		3/16/2015	16:09
Benzene		< 0.700	ug/L		3/16/2015	16:09
Bromochloromethane		< 5.00	ug/L		3/16/2015	16:09
Bromodichloromethane		< 2.00	ug/L		3/16/2015	16:09
Bromoform		< 5.00	ug/L		3/16/2015	16:09
Bromomethane		< 2.00	ug/L		3/16/2015	16:09
Carbon disulfide		< 2.00	ug/L		3/16/2015	16:09
Carbon Tetrachloride		< 2.00	ug/L		3/16/2015	16:09
Chlorobenzene		< 2.00	ug/L		3/16/2015	16:09
Chloroethane		< 2.00	ug/L		3/16/2015	16:09
Chloroform		< 2.00	ug/L		3/16/2015	16:09
Chloromethane		< 2.00	ug/L		3/16/2015	16:09
cis-1,2-Dichloroethene		< 2.00	ug/L		3/16/2015	16:09
cis-1,3-Dichloropropene	•	< 2.00	ug/L		3/16/2015	16:09
Cyclohexane		< 10.0	ug/L		3/16/2015	16:09
Dibromochloromethane		< 2.00	ug/L		3/16/2015	16:09
Dichlorodifluoromethan	e	< 2.00	ug/L		3/16/2015	16:09
Ethylbenzene		< 2.00	ug/L		3/16/2015	16:09
-			- -			

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt. Page 6 of 15



Client: Haley & Aldrich

Project Reference: 35294-010 Autohaus

Sample Identifier:	MW102-031215-1520					
Lab Sample ID:	150802-02		Date	Sampled:	3/12/2015	
Matrix:	Groundwater		Date	Received:	3/13/2015	
Freon 113	< 2.00	ug/L			3/16/2015	16:09
Isopropylbenzene	< 2.00	ug/L			3/16/2015	16:09
m,p-Xylene	< 2.00	ug/L			3/16/2015	16:09
Methyl acetate	< 2.00	ug/L			3/16/2015	16:09
Methyl tert-butyl Ether	< 2.00	ug/L			3/16/2015	16:09
Methylcyclohexane	< 2.00	ug/L			3/16/2015	16:09
Methylene chloride	< 5.00	ug/L			3/16/2015	16:09
o-Xylene	< 2.00	ug/L			3/16/2015	16:09
Styrene	< 5.00	ug/L			3/16/2015	16:09
Tetrachloroethene	< 2.00	ug/L			3/16/2015	16:09
Toluene	< 2.00	ug/L			3/16/2015	16:09
trans-1,2-Dichloroethen	e < 2.00	ug/L			3/16/2015	16:09
trans-1,3-Dichloroprope	ne < 2.00	ug/L			3/16/2015	16:09
Trichloroethene	< 2.00	ug/L			3/16/2015	16:09
Trichlorofluoromethane	< 2.00	ug/L			3/16/2015	16:09
Vinyl chloride	< 2.00	ug/L			3/16/2015	16:09
Surrogate	Pero	cent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	zed
1,2-Dichloroethane-d4		102	80.4 - 116		3/16/2015	16:09
4-Bromofluorobenzene		95.9	87 - 109		3/16/2015	16:09
Pentafluorobenzene		98.5	92.8 - 109		3/16/2015	16:09
Toluene-D8		97.1	92.1 - 107		3/16/2015	16:09

Method Reference(s): EPA 8260C

EPA 5030

Data File: x20961.D



3/20/2015

Client: **Haley & Aldrich**

35294-010 Autohaus **Project Reference:**

Sample Identifier: GP009-031215-1745

150802-03 Lab Sample ID: **Date Sampled:** 3/12/2015 Matrix: **Date Received:** Groundwater 3/13/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron < 0.100 mg/L

031815b

3/19/2015 11:25

Method Reference(s): EPA 6010C EPA 3005 **Preparation Date:** 3/18/2015 Data File:

Metals

Analyte Result **Oualifier** Units **Date Analyzed**

3/19/2015 11:29 Iron 1.30 mg/L

Method Reference(s): EPA 6010C

EPA 3005

Preparation Date: 3/18/2015

Data File: 031815b

Sulfate

Analyte Result **Units Oualifier Date Analyzed**

Sulfate 622 mg/L

> Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units **Oualifier Date Analyzed**

Total Organic Carbon 11.3 mg/L 3/24/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		3/16/2015 16:33
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		3/16/2015 16:33
1,1,2-Trichloroethane	< 2.00	ug/L		3/16/2015 16:33
1,1-Dichloroethane	< 2.00	ug/L		3/16/2015 16:33

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Page 8 of 15



Client: Haley & Aldrich

Project Reference: 35294-010 Autohaus

Sample Identifier: Lab Sample ID: Matrix:	GP009-03123 150802-03 Groundwater			Date Sampled: Date Received:	3/12/2015 3/13/2015	
1,1-Dichloroethene		< 2.00	ug/L		3/16/2015	16:33
1,2,3-Trichlorobenzene		< 5.00	ug/L		3/16/2015	16:33
1,2,4-Trichlorobenzene		< 5.00	ug/L		3/16/2015	16:33
1,2-Dibromo-3-Chloropi	ropane	< 10.0	ug/L		3/16/2015	16:33
1,2-Dibromoethane		< 2.00	ug/L		3/16/2015	16:33
1,2-Dichlorobenzene		58.9	ug/L		3/16/2015	16:33
1,2-Dichloroethane		< 2.00	ug/L		3/16/2015	16:33
1,2-Dichloropropane		< 2.00	ug/L		3/16/2015	16:33
1,3-Dichlorobenzene		< 2.00	ug/L		3/16/2015	16:33
1,4-Dichlorobenzene		2.85	ug/L		3/16/2015	16:33
1,4-dioxane		< 20.0	ug/L		3/16/2015	16:33
2-Butanone		< 10.0	ug/L		3/16/2015	16:33
2-Hexanone		< 5.00	ug/L		3/16/2015	16:33
4-Methyl-2-pentanone		< 5.00	ug/L		3/16/2015	16:33
Acetone		< 10.0	ug/L		3/16/2015	16:33
Benzene		< 0.700	ug/L		3/16/2015	16:33
Bromochloromethane		< 5.00	ug/L		3/16/2015	16:33
Bromodichloromethane		< 2.00	ug/L		3/16/2015	16:33
Bromoform		< 5.00	ug/L		3/16/2015	16:33
Bromomethane		< 2.00	ug/L		3/16/2015	16:33
Carbon disulfide		< 2.00	ug/L		3/16/2015	16:33
Carbon Tetrachloride		< 2.00	ug/L		3/16/2015	16:33
Chlorobenzene		< 2.00	ug/L		3/16/2015	16:33
Chloroethane		< 2.00	ug/L		3/16/2015	16:33
Chloroform		< 2.00	ug/L		3/16/2015	16:33
Chloromethane		< 2.00	ug/L		3/16/2015	16:33
cis-1,2-Dichloroethene		< 2.00	ug/L		3/16/2015	16:33
cis-1,3-Dichloropropene	2	< 2.00	ug/L		3/16/2015	16:33
Cyclohexane		< 10.0	ug/L		3/16/2015	16:33
Dibromochloromethane		< 2.00	ug/L		3/16/2015	16:33
Dichlorodifluoromethan	ie	< 2.00	ug/L		3/16/2015	16:33
Ethylbenzene		3.40	ug/L		3/16/2015	16:33

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt. Page 9 of 15



Client: Haley & Aldrich

Project Reference: 35294-010 Autohaus

Sample Identifier:	GP009-031215-174	5				
Lab Sample ID:	150802-03		Dat	e Sampled:	3/12/2015	
Matrix:	Groundwater		Dat	e Received:	3/13/2015	
Freon 113	< 2.00	ug/L			3/16/2015	16:33
Isopropylbenzene	< 2.00	ug/L			3/16/2015	16:33
m,p-Xylene	< 2.00	ug/L			3/16/2015	16:33
Methyl acetate	< 2.00	ug/L			3/16/2015	16:33
Methyl tert-butyl Ether	< 2.00	ug/L			3/16/2015	16:33
Methylcyclohexane	< 2.00	ug/L			3/16/2015	16:33
Methylene chloride	< 5.00	ug/L			3/16/2015	16:33
o-Xylene	< 2.00	ug/L			3/16/2015	16:33
Styrene	< 5.00	ug/L			3/16/2015	16:33
Tetrachloroethene	< 2.00	ug/L			3/16/2015	16:33
Toluene	< 2.00	ug/L			3/16/2015	16:33
trans-1,2-Dichloroethen	e < 2.00	ug/L			3/16/2015	16:33
trans-1,3-Dichloroprope	ene < 2.00	ug/L			3/16/2015	16:33
Trichloroethene	< 2.00	ug/L			3/16/2015	16:33
Trichlorofluoromethane	< 2.00	ug/L			3/16/2015	16:33
Vinyl chloride	< 2.00	ug/L			3/16/2015	16:33
<u>Surrogate</u>	P	ercent Recovery	<u>Limits</u>	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		102	80.4 - 116		3/16/2015	16:33
4-Bromofluorobenzene		96.0	87 - 109		3/16/2015	16:33
Pentafluorobenzene		99.0	92.8 - 109		3/16/2015	16:33
Toluene-D8		95.1	92.1 - 107		3/16/2015	16:33

Method Reference(s): EPA 8260C

EPA 5030

Data File: x20962.D



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.
"(1)" = Indicates data from primary column used for QC calculation.

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Page 11 of 15

GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written. between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to reperform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any

environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision. Law.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Page 12 of 15

Report Prepared Wednesday, March 25, 2015



CHAIN OF CUSTODY

PARADI	GM		CLIENT: ADDRESS:	ANNIEN ENKE DRI	A	LIENT: DDRESS:	<u> </u>	1 /4 ///	ICE TO:				LAB PROJECT ID	,	42
			CITY	ZIP:	CI	ITY:		S	TATE:	ZIP		Quotation #	# :		
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PROJECT REF	ERENCE		MRamsolla	le lev Alderin	A	TTN: M	(.K.)	Rams.	lo II						
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Chain of Custody Supplement

Client:	Haley + Aldrich	Completed by:	Glenn Pezzulo
Lab Project ID:	150802	Date:	3/13/15
	Sample Condition Per NELAC/ELAP 210,	n Requirements /241/242/243/244	
N. Condition	ELAC compliance with the sample co Yes	ondition requirements upo No	on receipt N/A
Container Type			
Comments			
Transferred to method- compliant container			
Headspace (<1 mL)	VOA FOC		
Comments			
Preservation Comments			Dissolved Mela S. Vate
Chlorine Absent (<0.10 ppm per test strip) Comments			
Holding Time			
Comments			
Temperature Comments	6°Ciced		
Sufficient Sample Quantity			
Comments	/		

10P

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

	RADIO				REPORT TO:						IN	VOIC	ETO:										
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Analytical Report For

Haley & Aldrich

For Lab Project ID

152026

Referencing

Former Autohaus, 35294-010

Prepared

Monday, June 08, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



5/29/2015

Client: <u>Haley & Aldrich</u>

Project Reference: Former Autohaus, 35294-010

Sample Identifier: GP009-052115-1300

Lab Sample ID:152026-01Date Sampled:5/21/2015Matrix:GroundwaterDate Received:5/22/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron <0.050 mg/L

Method Reference(s): EPA 200.7 Subcontractor ELAP ID: 10709

Metals

Analyte Result Units Qualifier Date Analyzed

Iron **2.08** mg/L 5/28/2015

Method Reference(s): EPA 200.7 Subcontractor ELAP ID: 10709

Sulfate

Analyte Result Units Qualifier Date Analyzed

Sulfate **2000** mg/L 5/29/2015

Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon 21 mg/L 6/5/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyz	<u>ed</u>
1,1,1-Trichloroethane	< 2.00	ug/L		5/22/2015 1	5:50
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/22/2015 1	5:50
1,1,2-Trichloroethane	< 2.00	ug/L		5/22/2015 1	5:50
1,1-Dichloroethane	< 2.00	ug/L		5/22/2015 1	5:50
1,1-Dichloroethene	< 2.00	ug/L		5/22/2015 1	5:50
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/22/2015 1	5:50
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/22/2015 1	5:50

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Page 2 of 24



Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

ample Identifier:	GP009-052115-1300				
ab Sample ID:	152026-01		Date Sampled:	5/21/2015	
latrix:	Groundwater		Date Received:	5/22/2015	
1,2-Dibromo-3-Chloropro	ppane < 10.0	ug/L		5/22/2015	15
1,2-Dibromoethane	< 2.00	ug/L		5/22/2015	15
1,2-Dichlorobenzene	41.6	ug/L		5/22/2015	15
1,2-Dichloroethane	< 2.00	ug/L		5/22/2015	15
1,2-Dichloropropane	< 2.00	ug/L		5/22/2015	15
1,3-Dichlorobenzene	< 2.00	ug/L		5/22/2015	15
1,4-Dichlorobenzene	2.13	ug/L		5/22/2015	15
1,4-dioxane	< 20.0	ug/L		5/22/2015	15
2-Butanone	< 10.0	ug/L		5/22/2015	15
2-Hexanone	< 5.00	ug/L		5/22/2015	15
4-Methyl-2-pentanone	< 5.00	ug/L		5/22/2015	15
Acetone	72.8	ug/L		5/22/2015	15
Benzene	0.819	ug/L		5/22/2015	15
Bromochloromethane	< 5.00	ug/L		5/22/2015	15
Bromodichloromethane	< 2.00	ug/L		5/22/2015	15
Bromoform	< 5.00	ug/L		5/22/2015	15
Bromomethane	< 2.00	ug/L		5/22/2015	15
Carbon disulfide	< 2.00	ug/L		5/22/2015	15
Carbon Tetrachloride	< 2.00	ug/L		5/22/2015	15
Chlorobenzene	< 2.00	ug/L		5/22/2015	15
Chloroethane	< 2.00	ug/L		5/22/2015	15
Chloroform	< 2.00	ug/L		5/22/2015	15
Chloromethane	5.44	ug/L		5/22/2015	15
cis-1,2-Dichloroethene	< 2.00	ug/L		5/22/2015	15
cis-1,3-Dichloropropene	< 2.00	ug/L		5/22/2015	15
Cyclohexane	< 10.0	ug/L		5/22/2015	15
Dibromochloromethane	< 2.00	ug/L		5/22/2015	15
Dichlorodifluoromethane	< 2.00	ug/L		5/22/2015	15
Ethylbenzene	< 2.00	ug/L		5/22/2015	15
Freon 113	< 2.00	ug/L		5/22/2015	15
Isopropylbenzene	< 2.00	ug/L		5/22/2015	15
m,p-Xylene	< 2.00	ug/L		5/22/2015	15

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5/22/2015

15:50

Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

Sample Identifier:	GP009-052115-130	0				
Lab Sample ID:	152026-01		Dat	e Sampled:	5/21/2015	
Matrix:	Groundwater		Dat	e Received:	5/22/2015	
Methyl acetate	< 2.00	ug/L			5/22/2015	15:50
Methyl tert-butyl Ether	< 2.00	ug/L			5/22/2015	15:50
Methylcyclohexane	< 2.00	ug/L			5/22/2015	15:50
Methylene chloride	< 5.00	ug/L			5/22/2015	15:50
o-Xylene	< 2.00	ug/L			5/22/2015	15:50
Styrene	< 5.00	ug/L			5/22/2015	15:50
Tetrachloroethene	< 2.00	ug/L			5/22/2015	15:50
Toluene	< 2.00	ug/L			5/22/2015	15:50
trans-1,2-Dichloroethen	e < 2.00	ug/L			5/22/2015	15:50
trans-1,3-Dichloroprope	ne < 2.00	ug/L			5/22/2015	15:50
Trichloroethene	< 2.00	ug/L			5/22/2015	15:50
Trichlorofluoromethane	< 2.00	ug/L			5/22/2015	15:50
Vinyl chloride	< 2.00	ug/L			5/22/2015	15:50
Surrogate	P	ercent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	zed
1,2-Dichloroethane-d4		106	82.3 - 115		5/22/2015	15:50
4-Bromofluorobenzene		103	85.5 - 111		5/22/2015	15:50
Pentafluorobenzene		108	91.2 - 107	*	5/22/2015	15:50

84.9

90.9 - 108

Method Reference(s): EPA 8260C

Toluene-D8

EPA 5030

Data File: x23021.D



Client: <u>Haley & Aldrich</u>

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW101-052115-1445

Lab Sample ID:152026-02Date Sampled:5/21/2015Matrix:GroundwaterDate Received:5/22/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron **0.909** mg/L

5/29/2015

Method Reference(s): EPA 200.7 **Subcontractor ELAP ID:** 10709

Metals

Analyte Result Units Qualifier Date Analyzed

Iron **1.30** mg/L 5/28/2015

Method Reference(s): EPA 200.7 Subcontractor ELAP ID: 10709

Sulfate

Analyte Result Units Qualifier Date Analyzed

Sulfate **69** mg/L 5/29/2015

Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon 2.0 mg/L 6/5/2015

Method Reference(s):SM 5310 CSubcontractor ELAP ID:10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyze	<u>:d</u>
1,1,1-Trichloroethane	< 2.00	ug/L		5/22/2015 16	:15
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/22/2015 16	:15
1,1,2-Trichloroethane	< 2.00	ug/L		5/22/2015 16	:15
1,1-Dichloroethane	< 2.00	ug/L		5/22/2015 16	:15
1,1-Dichloroethene	< 2.00	ug/L		5/22/2015 16	:15
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/22/2015 16	:15
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/22/2015 16	:15

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Page 5 of 24



Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

Sample Identifier:	MW101-0521	15-1445				
Lab Sample ID:	152026-02			Date Sampled:	5/21/2015	
Matrix:	Groundwater			Date Received:	5/22/2015	
1,2-Dibromo-3-Chloropr	ropane	< 10.0	ug/L		5/22/2015	16:15
1,2-Dibromoethane		< 2.00	ug/L		5/22/2015	16:15
1,2-Dichlorobenzene		< 2.00	ug/L		5/22/2015	16:15
1,2-Dichloroethane		< 2.00	ug/L		5/22/2015	16:15
1,2-Dichloropropane		< 2.00	ug/L		5/22/2015	16:15
1,3-Dichlorobenzene		< 2.00	ug/L		5/22/2015	16:15
1,4-Dichlorobenzene		< 2.00	ug/L		5/22/2015	16:15
1,4-dioxane		< 20.0	ug/L		5/22/2015	16:15
2-Butanone		< 10.0	ug/L		5/22/2015	16:15
2-Hexanone		< 5.00	ug/L		5/22/2015	16:15
4-Methyl-2-pentanone		< 5.00	ug/L		5/22/2015	16:15
Acetone		14.9	ug/L		5/22/2015	16:15
Benzene		< 0.700	ug/L		5/22/2015	16:15
Bromochloromethane		< 5.00	ug/L		5/22/2015	16:15
Bromodichloromethane		< 2.00	ug/L		5/22/2015	16:15
Bromoform		< 5.00	ug/L		5/22/2015	16:15
Bromomethane		< 2.00	ug/L		5/22/2015	16:15
Carbon disulfide		< 2.00	ug/L		5/22/2015	16:15
Carbon Tetrachloride		< 2.00	ug/L		5/22/2015	16:15
Chlorobenzene		< 2.00	ug/L		5/22/2015	16:15
Chloroethane		< 2.00	ug/L		5/22/2015	16:15
Chloroform		< 2.00	ug/L		5/22/2015	16:15
Chloromethane		< 2.00	ug/L		5/22/2015	16:15
cis-1,2-Dichloroethene		< 2.00	ug/L		5/22/2015	16:15
cis-1,3-Dichloropropene	!	< 2.00	ug/L		5/22/2015	16:15
Cyclohexane		< 10.0	ug/L		5/22/2015	16:15
Dibromochloromethane		< 2.00	ug/L		5/22/2015	16:15
Dichlorodifluoromethan	e	< 2.00	ug/L		5/22/2015	16:15
Ethylbenzene		< 2.00	ug/L		5/22/2015	16:15
Freon 113		< 2.00	ug/L		5/22/2015	16:15
Isopropylbenzene		< 2.00	ug/L		5/22/2015	16:15
m,p-Xylene		< 2.00	ug/L		5/22/2015	16:15

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Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

Sample Identifier:	MW101-052115-14	45				
Lab Sample ID:	152026-02		Dat	e Sampled:	5/21/2015	
Matrix:	Groundwater		Dat	e Received:	5/22/2015	
Methyl acetate	< 2.00	ug/L			5/22/2015	16:15
Methyl tert-butyl Ether	< 2.00	ug/L			5/22/2015	16:15
Methylcyclohexane	< 2.00	ug/L			5/22/2015	16:15
Methylene chloride	< 5.00	ug/L			5/22/2015	16:15
o-Xylene	< 2.00	ug/L			5/22/2015	16:15
Styrene	< 5.00	ug/L			5/22/2015	16:15
Tetrachloroethene	< 2.00	ug/L			5/22/2015	16:15
Toluene	< 2.00	ug/L			5/22/2015	16:15
trans-1,2-Dichloroethen	e < 2.00	ug/L			5/22/2015	16:15
trans-1,3-Dichloroprope	ne < 2.00	ug/L			5/22/2015	16:15
Trichloroethene	< 2.00	ug/L			5/22/2015	16:15
Trichlorofluoromethane	< 2.00	ug/L			5/22/2015	16:15
Vinyl chloride	< 2.00	ug/L			5/22/2015	16:15
<u>Surrogate</u>	<u>P</u>	ercent Recovery	Limits	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		97.1	82.3 - 115		5/22/2015	16:15
4-Bromofluorobenzene		93.7	85.5 - 111		5/22/2015	16:15
Pentafluorobenzene		106	91.2 - 107		5/22/2015	16:15
Toluene-D8		93.9	90.9 - 108		5/22/2015	16:15

Method Reference(s): EPA 8260C

EPA 5030

Data File: x23022.D



5/29/2015

Client: <u>Haley & Aldrich</u>

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW102-052115-1715

Lab Sample ID:152026-03Date Sampled:5/21/2015Matrix:GroundwaterDate Received:5/22/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron **5.17** mg/L

Method Reference(s):EPA 200.7Subcontractor ELAP ID:10709

Metals

Analyte Result Units Qualifier Date Analyzed

Iron 9.27 mg/L 5/28/2015

Method Reference(s): EPA 200.7 Subcontractor ELAP ID: 10709

Sulfate

Analyte Result Units Qualifier Date Analyzed

Sulfate 37 mg/L 5/29/2015

Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon 9.1 mg/L 6/5/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/22/2015 16:38
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/22/2015 16:38
1,1,2-Trichloroethane	< 2.00	ug/L		5/22/2015 16:38
1,1-Dichloroethane	< 2.00	ug/L		5/22/2015 16:38
1,1-Dichloroethene	< 2.00	ug/L		5/22/2015 16:38
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/22/2015 16:38
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/22/2015 16:38

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Page 8 of 24



Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

Sample Identifier:	MW102-0521	15-1715				
Lab Sample ID:	152026-03			Date Sampled:	5/21/2015	
Matrix:	Groundwater			Date Received:	5/22/2015	
1,2-Dibromo-3-Chloropr	ropane	< 10.0	ug/L		5/22/2015	16:38
1,2-Dibromoethane		< 2.00	ug/L		5/22/2015	16:38
1,2-Dichlorobenzene		80.6	ug/L		5/22/2015	16:38
1,2-Dichloroethane		< 2.00	ug/L		5/22/2015	16:38
1,2-Dichloropropane		< 2.00	ug/L		5/22/2015	16:38
1,3-Dichlorobenzene		< 2.00	ug/L		5/22/2015	16:38
1,4-Dichlorobenzene		7.05	ug/L		5/22/2015	16:38
1,4-dioxane		< 20.0	ug/L		5/22/2015	16:38
2-Butanone		< 10.0	ug/L		5/22/2015	16:38
2-Hexanone		< 5.00	ug/L		5/22/2015	16:38
4-Methyl-2-pentanone		< 5.00	ug/L		5/22/2015	16:38
Acetone		< 10.0	ug/L		5/22/2015	16:38
Benzene		< 0.700	ug/L		5/22/2015	16:38
Bromochloromethane		< 5.00	ug/L		5/22/2015	16:38
Bromodichloromethane		< 2.00	ug/L		5/22/2015	16:38
Bromoform		< 5.00	ug/L		5/22/2015	16:38
Bromomethane		< 2.00	ug/L		5/22/2015	16:38
Carbon disulfide		< 2.00	ug/L		5/22/2015	16:38
Carbon Tetrachloride		< 2.00	ug/L		5/22/2015	16:38
Chlorobenzene		< 2.00	ug/L		5/22/2015	16:38
Chloroethane		< 2.00	ug/L		5/22/2015	16:38
Chloroform		< 2.00	ug/L		5/22/2015	16:38
Chloromethane		< 2.00	ug/L		5/22/2015	16:38
cis-1,2-Dichloroethene		< 2.00	ug/L		5/22/2015	16:38
cis-1,3-Dichloropropene		< 2.00	ug/L		5/22/2015	16:38
Cyclohexane		< 10.0	ug/L		5/22/2015	16:38
Dibromochloromethane		< 2.00	ug/L		5/22/2015	16:38
Dichlorodifluoromethan	e	< 2.00	ug/L		5/22/2015	16:38
Ethylbenzene		< 2.00	ug/L		5/22/2015	16:38
Freon 113		< 2.00	ug/L		5/22/2015	16:38
Isopropylbenzene		< 2.00	ug/L		5/22/2015	
m,p-Xylene		< 2.00	ug/L		5/22/2015	

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5/22/2015

16:38

Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

-						
Sample Identifier:	MW102-052115-17	15				
Lab Sample ID:	152026-03		Dat	e Sampled:	5/21/2015	
Matrix:	Groundwater		Dat	e Received:	5/22/2015	
Methyl acetate	< 2.00	ug/L			5/22/2015	16:38
Methyl tert-butyl Ether	< 2.00	ug/L			5/22/2015	16:38
Methylcyclohexane	< 2.00	ug/L			5/22/2015	16:38
Methylene chloride	< 5.00	ug/L			5/22/2015	16:38
o-Xylene	< 2.00	ug/L			5/22/2015	16:38
Styrene	< 5.00	ug/L			5/22/2015	16:38
Tetrachloroethene	< 2.00	ug/L			5/22/2015	16:38
Toluene	< 2.00	ug/L			5/22/2015	16:38
trans-1,2-Dichloroethen	e < 2.00	ug/L			5/22/2015	16:38
trans-1,3-Dichloroprope	ene < 2.00	ug/L			5/22/2015	16:38
Trichloroethene	< 2.00	ug/L			5/22/2015	16:38
Trichlorofluoromethane	< 2.00	ug/L			5/22/2015	16:38
Vinyl chloride	< 2.00	ug/L			5/22/2015	16:38
Surrogate	P	ercent Recovery	Limits	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		99.0	82.3 - 115		5/22/2015	16:38
4-Bromofluorobenzene		95.0	85.5 - 111		5/22/2015	16:38
Pentafluorobenzene		106	91.2 - 107		5/22/2015	16:38

96.8

90.9 - 108

Method Reference(s): EPA 8260C

Toluene-D8

EPA 5030

Data File: x23023.D

CLIENT:

Project: Work Order:

Analysis of Samples

Paradigm Environmental

150528004

ANALYTICAL QC SUMMARY REPORT

Page 11 of 24

BatchID: 44470

Analyte Iron	Ę	Analyte Iron	SW
	SeqNo: 1770142 Samp ID: 150527052-001		SeqNo: 1770143 Samp ID: 150527052-001
Result		<u>Result</u> 0.9874	
<u>PQL</u> 0.0500		<u>PQL</u> 0.0500	
SPK value SPK Ref Val	PrepDate PrepRef:	<u>SPK value</u> <u>SPK Ref Val</u> 1 0.01108	PrepD PrepR
<u>SPK Ref Val</u> 0	PrepDate:5/28/2015 PrepRef:	<u>SPK Ref Val</u> 0.01106	PrepDate:5/28/2015 PrepRef:(SW3010A)
<u>%REC</u>		<u>%REC</u> 97.6	
<u>LowLimit</u> <u>HighLimit</u> 0 (TestNo: E200.7 Units: mg/L	LowLimit HighLimit 75 120	TestNo: E200.7 Units: mg/L
RPD Ref Val 0 0.01106		RPD Ref Val	
<u>%RPD</u> <u>RPDLimit</u> 0 17.9	RunNo: 125152 Analysis Date: 6/5/2015	<u>%RPD</u> <u>RPDLi</u> 0	RunNo: 125152 Analysis Date: 6/5/2015
17.9		RPDLimit Qual	

Qualifiers:

Analysis of Samples

BatchID: 44476

Page 12 of 24

MBLK	SeqNo: 1766102			PrepDate:5/28/2015	15	TestNo: E200.7F	***		unNo: 1249	RunNo: 124921
	Samp ID: MB-44476			PrepRef:(SW3005A)	Ä	Units: mg/L		Analysi	Analysis Date: 5/29/	Analysis Date: 5/29/2015
Analyte		Result	PQL	SPK value SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val	RPD Re	ef Val		sf Val %RPD RPDLimit Qual
Iron, Dissolved	solved	^	0.0500							
LCS	SeqNo: 1766103			PrepDate:5/28/2015	15	TestNo: E200.7F	7	F	RunNo: 1249	RunNo: 124921
	Samp ID: LCS-44476			PrepRef:(SW3005A)	SA)	Units: mg/L		Analysi	Analysis Date: 5/29	Analysis Date: 5/29/2015
<u>Analyte</u>		Result	PQL	SPK value SPK Ref Val	al %REC	LowLimit HighLimit	RPD Ref Val	<u> </u>	%RPD	
Iron, Dissolved	solved	1.929	0.0500	2	0 96.4	87.5 113		0	0	0

R - RPD outside accepted recovery limits

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits



Method Blank Report

Client:

Haley & Aldrich

Project Reference:

Former Autohaus, 35294-010

Lab Project ID:

152026

Matrix:

Groundwater

Volatile Organics

VOI	athe Organics					
	<u>Analyte</u>	Result	<u>Units</u>	Qualifier	Date Analy	zed
्रे 'कु	1,1,1-Trichloroethane	<2.00	ug/L		5/22/2015	13:28
1	1,1,2,2-Tetrachloroethane	<2.00	ug/L		5/22/2015	13:28
	1,1,2-Trichloroethane	<2.00	ug/L		5/22/2015	13:28 a
9 9	7,1-Dichloroethane	<2.00	ug/L		5/22/2015	13:28
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,1-Dichloroethane	<2.00	ug/L		5/22/2015	13:28
	1,2,3-Trichlorobenzene	<5.00	ug/L		5/22/2015	13:28
	1,2,4-Trichlorobenzene	<5.00	ug/L		5/22/2015	13:28
	1,2-Dibromo-3-Chloropropane	<10.0	ug/L		5/22/2015	13:28
	1,2-Dibromoethane	<2.00	ug/L ug/L		5/22/2015	13:28
•		<2.00	ug/L ug/L		5/22/2015	13:28
	1,2-Dichlorobenzene	<2.00			5/22/2015	13:28
	1,2-Dichloroethane	<2.00	ug/L		5/22/2015	13:28
	1,2-Dichloropropane		ug/L		• •	13:28
	1,3-Dichlorobenzene	<2.00	ug/L		5/22/2015	
	1,4-Dichlorobenzene	<2.00	ug/L		5/22/2015	13:28
	1,4-dioxane	<20.0	ug/L		5/22/2015	13:28
. ,	2-Butanone	<10.0	ug/L		5/22/2015	13:28
	2-Hexanone	<5.00	ug/L		5/22/2015	13:28
1.	4-Methyl-2-pentanone	<5.00	ug/L		5/22/2015	13:28
	Acetone	<10.0	ug/L		5/22/2015	13:28
d p d	Benzene	<0.700	ug/L		5/22/2015	13:28
de	Bromochloromethane	<5.00	ug/L		5/22/2015	13:28
	Bromodichloromethane	<2.00	ug/L		5/22/2015	13:28
٧.	Bromoform	<5.00	ug/L		5/22/2015	13:28
	Bromomethane	<2.00	ug/L		5/22/2015	13:28
	Carbon disulfide	<2.00	ug/L		5/22/2015	13:28
	Carbon Tetrachloride	<2.00	ug/L		5/22/2015	13:28
	Chlorobenzene	<2.00	ug/L		5/22/2015	13:28
	Chloroethane	<2.00	ug/L		5/22/2015	13:28

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Method Blank Report

Client: <u>Haley & Aldrich</u>

Project Reference: Former Autohaus, 35294-010

Lab Project ID: 152026

Matrix: Groundwater

Volatile Organics

<u>Analyte</u>	Result	<u>Units</u>	<u>Qualifier</u>	Date Analy	<u>zed</u>
Chloroform	<2.00	ug/L		5/22/2015	13:28
Chloromethane	<2.00	ug/L		5/22/2015	13:28
cis-1,2-Dichloroethene	<2.00	ug/L		5/22/2015	13:28
cis-1,3-Dichloropropene	<2.00	ug/L		5/22/2015	13:28
Cyclohexane	<10.0	ug/L		5/22/2015	13:28
Dibromochloromethane	<2.00	ug/L		5/22/2015	13:23
Dichlorodifluoromethane	<2.00	ug/L		5/22/2015	13:23
	<2.00	ug/L		5/22/2015	13:28
	<2.00	ug/L		5/22/2015	13:28
	<2.00	ug/L		5/22/2015	13:28
	<2.00	ug/L		5/22/2015	13:28
	<2.00	ug/L		5/22/2015	13:28
•	<2.00	ug/L		5/22/2015	13:28
•	<2.00	ug/L		5/22/2015	13:28
• •	<5.00	ug/L		5/22/2015	13:28
•	<2.00	ug/L		5/22/2015	13:28
•	<5.00	ug/L		5/22/2015	13:28
Tetrachloroethene	<2.00	ug/L		5/22/2015	13:28
Toluene	<2.00	ug/L		5/22/2015	13:28
trans-1,2-Dichloroethene	<2.00	ug/L		5/22/2015	13:28
trans-1,3-Dichloropropene	<2.00	ug/L		5/22/2015	13:28
Trichloroethene	<2.00	ug/L		5/22/2015	13:28
Trichlorofluoromethane	<2.00	ug/L		5/22/2015	13:23
Vinyl chloride	<2.00	ug/L		5/22/2015	13:28
	Chloromethane cis-1,2-Dichloroethene cis-1,3-Dichloropropene Cyclohexane Dibromochloromethane Dichlorodifluoromethane Ethylbenzene Freon 113 Isopropylbenzene m,p-Xylene Methyl acetate Methyl tert-butyl Ether Methylcyclohexane Methylene chloride o-Xylene Styrene Tetrachloroethene Toluene trans-1,2-Dichloropropene Trichlorofluoromethane	Chloroform <2.00	Chloroform <2.00	Chloroform <2.00	Chloroform <2.00 ug/L 5/22/2015 Chloromethane <2.00

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.



Method Blank Report

Client:

Haley & Aldrich

Project Reference:

Former Autohaus, 35294-010

Lab Project ID:

152026

Matrix:

Groundwater

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Volat	tile	Ora	anics

<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analy	zed `
<u>Surrogate</u>		Percent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Anal	<u>yzed</u>
1,2-Dichloroethane-d4		96.2	82.3 - 115		5/22/2015	13:28
4-Bromofluorobenzene		97.9	85.5 - 111		5/22/2015	13:28
Pentafluorobenzene		106	91.2 - 107		5/22/2015	13:28
Toluene-D8		97.7	90.9 - 108		5/22/2015	13:28
Method Reference(s):	EPA 8260C EPA 5030					
Data File:	x23015.D					
QC Batch ID:	voaw052215					
QC Number:	1					

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

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QC Report for Laboratory Control Sample

Haley & Aldrich

Client:

Project Reference: Former Autohaus, 35294-010

152026

Lab Project ID:

Groundwater

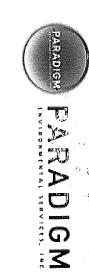
Matrix:

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5/22/2015		71.9 - 124	95.3	19.1	ug/L	20.0	Carbon Tetrachloride
5/22/2015		59.1 - 170	111	22.2	ug/L	20.0	Bromomethane
5/22/2015		59.9 - 114	86.9	17.4	ug/L	20.0	Bromoform
5/22/2015		78.4 - 118	94.1	18.8	ug/L	20.0	Bromodichloromethane
5/22/2015		85.6 - 120	99.0	19.8	ug/L	20.0	Benzene
5/22/2015		76.7 - 114	89.6	17.9	ug/L	20.0	1,4-Dichlorobenzene
5/22/2015		77.8 - 115	96.1	19.2	ug/L	20.0	1,3-Dichlorobenzene
5/22/2015		84.5 - 114	93.2	18.6	ug/L	20.0	1,2-Dichloropropane
5/22/2015		79.7 - 120	89.6	17.9	ug/L	20.0	1,2-Dichloroethane
5/22/2015		82.6 - 119	100	20.0	ug/L	20.0	1,2-Dichlorobenzene
5/22/2015		71.3 - 125	99.1	19.8	ug/L	20.0	1,1-Dichloroethene
5/22/2015		84.5 - 114	93.8	18.8	ug/L	20.0	1,1-Dichloroethane
5/22/2015		79.6 - 115	88.2	17.6	ug/L	20.0	1,1,2-Trichloroethane
5/22/2015		81.7 - 119	89.2	17.8	ug/L	20.0	1,1,2,2-Tetrachloroethane
5/22/2015		77.9 - 120	97.2	19.4	ug/L	20.0	1,1,1-Trichloroethane
Analyzed	<u>Outliers</u>	<u>Limits</u>	Recovery	Result	Units	Added	Analyte
<u>Date</u>	TCS	% Rec	LCS %	<u>rcs</u>	<u>Spike</u>	<u>Spike</u>	

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

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QC Report for Laboratory Control Sample

Haley & Aldrich

Client:

Project Reference: Former Autohaus, 35294-010

152026

Lab Project ID:

Groundwater

Matrix:

Volatile Organics	<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	LCS %	% Rec	TCS	<u>Date</u>
Analyte	Added	<u>Units</u>	Result	Recovery	<u>Limits</u>	<u>Outliers</u>	Analyzed
Chlorohenzene	20.0	ug/L	18.5	92.5	81.9 - 115		5/22/2015
Chloroethane	20.0	ug/L	22.2	111	74.1 - 134		5/22/2015
Chloroform	20.0	ug/L	19.1	95.4	84.1 - 117		5/22/2015
Chloromothano	20.0	ug/L	19.6	98.2	79.4 - 129		5/22/2015
cis-1 3-Dichloronronene	20.0	ug/L	22.4	112	89.6 - 123		5/22/2015
Dibromochloromethane	20.0	ug/L	18.2	91.2	64.8 - 121		5/22/2015
Ethylhenzone	20.0	ug/L	20.6	103	83.4 - 117		5/22/2015
Ediylochiechie		!					

compliance with the sample condition requirements upon receipt. This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including

trans-1,2-Dichloroethene

trans-1,3-Dichloropropene

20.0 20.0 20.0 20.0 20.0

19.8 20.4 20.9 21.919.3

110

71.9

127

96.7 99.0

84.3 - 117

5/22/2015 5/22/2015 5/22/2015

72.6 - 130

74.7 - 129

68 - 118

20.0 20.0

ug/L
ug/L
ug/L
ug/L
ug/L
ug/L
ug/L
ug/L

102 104 98.8 99.1

84.1 - 11772.2 - 133

79.7 - 134

5/22/2015 5/22/2015 5/22/2015 5/22/2015 5/22/2015

Ç,

ug/L

19.8 19.8 22.9

Vinyl chloride

Trichloroethene

Trichlorofluoromethane

Toluene

Ethylbenzene Methylene chloride Tetrachloroethene



QC Report for Laboratory Control Sample

Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

152026

Lab Project ID:

Matrix:

Groundwater

Volatile Organics

Analyte

Spike Added

Spike Units

LCS Result

LCS %
Recovery

LCS Outliers

<u>Date</u> Analyzed

% Rec

Method Reference(s): EPA 8260C

EPA 5030 x23014.D

Data File:x23014.DQC Number:1QC Batch ID:voaw052215

compliance with the sample condition requirements upon receipt. This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including

Mrsauv, reavis

Report Prepared Whirsday, May 28, 2015



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.
"(1)" = Indicates data from primary column used for QC calculation.

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Page 19 of 24

GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written. between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to reperform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any

environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in

part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies

from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision. Law.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Page 20 of 24

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311



CHAIN OF CUSTODY

			24
	REPORT TO: INVOICE TO:		1 of
CHANDOMECRATAL STRATEGY (II.C.	NY CLIENT: Sa	LAB PROJECT ID	e 2
	`	152026	Pag
	COURSE SALBATION	Quotation #:	
	PHONE: 565-321-4262 PHONE:	Email:	
PROJECT REFERENCE	M. Kam s DELL mramsdellehalgaldrich, com-	7	
35294-010	NQ - Non-Aqueous Liquid WG - Groundwater WW - Wastewater SL - Sludge	PT - Paint CK - Caulk	AR - Air
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ı	Relinquished By Date/Time	NYSDEC EDD [Category A		Rush 3 day
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ł		Availability contingent upon lab approval; additional fees may apply.	nt upon lab a	bility continge	Availa
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Chain of Custody Supplement

Client:	Haley + Aldrich	Completed by:	Glem Pezzulo
Lab Project ID:	152026	Date:	5/22/15
		ion Requirements 210/241/242/243/244	
Condition	NELAC compliance with the sample Yes	e condition requirements upo No	on receipt N/A
Container Type			
Comme	ents		
Transferred to method- compliant container			
Headspace (<1 mL)	ents		
Preservation Comm	•	es preserved w/ HNC	S. Hate
Chlorine Absent (<0.10 ppm per test stri			
Holding Time	ents		
Temperature Comm	ents 3°Ciced		mer (s
Sufficient Sample Quant			
	<u> </u>		

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311



CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

Temp Comments:	Holdin	Prese	Contai	Sample Condition: Fer NEL-AC/ELAF 2 10124 1124212431243124312443124312431243124312	HIABUSE ONLY BELOW THIS LINE	10	9	8	7	<u></u>	O	4	3	2	1 5-27-15	DATE TIME			PROJECT NAME/SITE NAME:				ジェストラング
Temperature:	Holding Time:	Preservation:	Container Type:	Receipt Parameter	INTERIOR MOTE											ш м о го Z о С		S					
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\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	R _e	N	Sa	mpliance		ret Supp lied	costainers		And the second s	52026-03	57076-03	6-0a	~ ਂ ਹੇ	61	-01	SAMPLE LOCATIONFIELD ID		email results to kha	nsen	FAX:	STATE:		Paradigm Environmental
Received @ Lab By	Received By	Relinquished By	Client Sampled By			1 by ACS				←	74		×		Ground 1 X	х-рч>к хшшксг хшк-рчко о		Please email results to khansen@paradigmenv.com and report	ATTN:	PHONE:	ZIP: CITY:	ADDRESS:	COMPANY
		2				Pry \$28				*		*		*		Dissolved Fe	REQUESTED ANALYSIS	v.com and reportin	Meridith Dillman	FAX:			Same
Date/Time	Date/Time	Date/Time				1/5									Mes		ALYSIS T	ing@paradigmenv.com			STATE: ZIP:		
D 81/A	P.I.F.	16:00	1												Method Goloc	REMARKS	是是不是一种,也是是一种的,也是一种的。 1000年,他们就是一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一种的一	om Date Due: 6/	1 X 2	 	TURNAROUND TIME: (WORKING DAYS)		LAD FROMEOU #
	"; ———		Total Cost								C)	000)	00	PARADIGM LAB SAMPLE NUMBER			3 5	l STD	(WORKING DAYS)		

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

Temperature:	Holding Time:	Preservation:	comments: Container Type:	Receipt Parameter	**LAB USE ONLY BELOW THIS LINE** Sample Condition: Per NELAC/ELAP 210/241/242/243/244	10	9	8	7	0	O)	4	3 4 17:15	2 14:45	1 5/21/15 13:00	DATE TIME O			PROJECT NAME/SITE NAME:				
					10/241/242/243								<		X	מ כל מ		COMMENTS:	ATTN:	PHONE:	CITY:	ADDRESS:	COMPANY:
~ _ 	Z D	~ []	≺ ☑ □	NELAC Compliance	/244								tor	- のシ	152026-01	SAMPLE LOCATION/FIELD ID	i de la companya de La companya de la companya de l		Kate Hansen	FAX:	STATE:		Paradigm Environmental
Received @ Lab By	Received By	Relinquished By	Client Sampled By										+ + +		Colored O X X	X-N-DE NMMSCZ NMZ-D-1200 O TOC Sulfate	REQ	khansen@paradigmenv.cor	атти: Меі	PHONE:	ZIP: CITY:	ADDRESS:	COMPANY:
S-27 (S	Date/Time	S/26//S	. ര .	: •		stooms for a fill a fil											REQUESTED ANALYSIS	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Meridith Dillman	FAX:	STATE: Z		Same
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)st:	•												PARADIGM LAB SAMPLE NUMBER		~	3 🗙 5	STD OTHER	RKING DAYS)		CLIENT PROJECT #:



Analytical Report For

Haley & Aldrich

For Lab Project ID

153479

Referencing

35294-010

Prepared

Wednesday, September 02, 2015

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below:

Portions of the enclosed report reflects analysis that has been subcontracted and are presented in their original form.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: MW011-081715-1150

Lab Sample ID:153479-01Date Sampled:8/17/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 21:01
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 21:01
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 21:01
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 21:01
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 21:01
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 21:01
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 21:01
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 21:01
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 21:01
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:01
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 21:01
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 21:01
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:01
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:01
1,4-dioxane	< 20.0	ug/L	8/24/2015 21:01
2-Butanone	< 10.0	ug/L	8/24/2015 21:01
2-Hexanone	< 5.00	ug/L	8/24/2015 21:01
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 21:01
Acetone	< 10.0	ug/L	8/24/2015 21:01
Benzene	< 1.00	ug/L	8/24/2015 21:01
Bromochloromethane	< 5.00	ug/L	8/24/2015 21:01
Bromodichloromethane	< 2.00	ug/L	8/24/2015 21:01
Bromoform	< 5.00	ug/L	8/24/2015 21:01
Bromomethane	< 2.00	ug/L	8/24/2015 21:01
Carbon disulfide	< 2.00	ug/L	8/24/2015 21:01
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 21:01
Chlorobenzene	< 2.00	ug/L	8/24/2015 21:01
Chloroethane	< 2.00	ug/L	8/24/2015 21:01
Chloroform	< 2.00	ug/L	8/24/2015 21:01

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Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier:	MW011-081715	5-1150					
Lab Sample ID:	153479-01			D	ate Sampled:	8/17/2015	
Matrix:	Groundwater			D	ate Received:	8/18/2015	
Chloromethane	< 2	2.00	ug/L			8/24/2015	21:01
cis-1,2-Dichloroethene	< 2	2.00	ug/L			8/24/2015	21:01
cis-1,3-Dichloropropene	e < 2	2.00	ug/L			8/24/2015	21:01
Cyclohexane	< 1	10.0	ug/L			8/24/2015	21:01
Dibromochloromethane	e < 2	2.00	ug/L			8/24/2015	21:01
Dichlorodifluoromethar	ne < 2	2.00	ug/L			8/24/2015	21:01
Ethylbenzene	< 2	2.00	ug/L			8/24/2015	21:01
Freon 113	< 2	2.00	ug/L			8/24/2015	21:01
Isopropylbenzene	< 2	2.00	ug/L			8/24/2015	21:01
m,p-Xylene	< 2	2.00	ug/L			8/24/2015	21:01
Methyl acetate	< 2	2.00	ug/L			8/24/2015	21:01
Methyl tert-butyl Ether	< 2	2.00	ug/L			8/24/2015	21:01
Methylcyclohexane	< 2	2.00	ug/L			8/24/2015	21:01
Methylene chloride	< !	5.00	ug/L			8/24/2015	21:01
o-Xylene	< 2	2.00	ug/L			8/24/2015	21:01
Styrene	< !	5.00	ug/L			8/24/2015	21:01
Tetrachloroethene	< 2	2.00	ug/L			8/24/2015	21:01
Toluene	< 2	2.00	ug/L			8/24/2015	21:01
trans-1,2-Dichloroether	ne < 2	2.00	ug/L			8/24/2015	21:01
trans-1,3-Dichloroprope	ene < 2	2.00	ug/L			8/24/2015	21:01
Trichloroethene	< 2	2.00	ug/L			8/24/2015	21:01
Trichlorofluoromethane	e < ;	2.00	ug/L			8/24/2015	21:01
Vinyl chloride	< ;	2.00	ug/L			8/24/2015	21:01
Surrogate			Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	<u>zed</u>
1,2-Dichloroethane-d4		11		81.1 - 116		8/24/2015	21:01
4-Bromofluorobenzene		85		82.3 - 113		8/24/2015	21:01
Pentafluorobenzene		93		91.1 - 110		8/24/2015	21:01
Toluene-D8		90	.5	91.4 - 106	*	8/24/2015	21:01

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25620.D

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8/24/2015

Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: MW102-081715-1310

Lab Sample ID:153479-02Date Sampled:8/17/2015Matrix:GroundwaterDate Received:8/18/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron 7.90 mg/L 8/20/2015 11:00

Method Reference(s): EPA 6010C

EPA 3005

 Preparation Date:
 8/19/2015

 Data File:
 082015a

Metals

Analyte Result Units Qualifier Date Analyzed

Iron 9.64 mg/L M 8/20/2015 11:20

Method Reference(s): EPA 6010C

EPA 3005

Preparation Date: 8/19/2015

Data File: 082015a

<u>Sulfate</u>

Analyte Result Units Qualifier Date Analyzed

Sulfate 5.3 mg/L

Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon 9.3 mg/L 8/26/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

Analyte	Result	<u>Units</u>	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/25/2015 02:30
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/25/2015 02:30
1,1,2-Trichloroethane	< 2.00	ug/L		8/25/2015 02:30
1,1-Dichloroethane	< 2.00	ug/L		8/25/2015 02:30

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Page 4 of 59



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Lab Sample ID:	MW102-081715-1310 153479-02 Groundwater		Date Sampled: Date Received:	8/17/2015 8/18/2015	-
1,1-Dichloroethene	< 2.00	ug/L	Dute Received.	8/25/2015	02:20
1,2,3-Trichlorobenzene	< 5.00	ug/L ug/L		8/25/2015	
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/25/2015	
1,2-Dibromo-3-Chloropro		ug/L		8/25/2015	
1,2-Dibromoethane	< 2.00	ug/L		8/25/2015	
1,2-Dichlorobenzene	85.5	ug/L	M	8/25/2015	
1,2-Dichloroethane	< 2.00	ug/L	1*1	8/25/2015	
1,2-Dichloropropane	< 2.00	ug/L		8/25/2015	
1,3-Dichlorobenzene	< 2.00	ug/L		8/25/2015	
1,4-Dichlorobenzene	7.09	ug/L		8/25/2015	
1,4-dioxane	< 20.0	ug/L		8/25/2015	
2-Butanone	< 10.0	ug/L		8/25/2015	
2-Hexanone	< 5.00	ug/L		8/25/2015	
4-Methyl-2-pentanone	< 5.00	ug/L		8/25/2015	
Acetone	< 10.0	ug/L		8/25/2015	
Benzene	< 1.00	ug/L		8/25/2015	
Bromochloromethane	< 5.00	ug/L		8/25/2015	
Bromodichloromethane	< 2.00	ug/L		8/25/2015	
Bromoform	< 5.00	ug/L		8/25/2015	
Bromomethane	< 2.00	ug/L		8/25/2015	
Carbon disulfide	< 2.00	ug/L		8/25/2015	
Carbon Tetrachloride	< 2.00	ug/L		8/25/2015	
Chlorobenzene	< 2.00	ug/L		8/25/2015	
Chloroethane	< 2.00	ug/L		8/25/2015	02:30
Chloroform	< 2.00	ug/L		8/25/2015	
Chloromethane	< 2.00	ug/L		8/25/2015	02:30
cis-1,2-Dichloroethene	< 2.00	ug/L		8/25/2015	02:30
cis-1,3-Dichloropropene	< 2.00	ug/L		8/25/2015	02:30
Cyclohexane	< 10.0	ug/L		8/25/2015	02:30
Dibromochloromethane	< 2.00	ug/L		8/25/2015	02:30
Dichlorodifluoromethane	< 2.00	ug/L		8/25/2015	02:30
Ethylbenzene	< 2.00	ug/L		8/25/2015	02:30

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Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	MW102-081715-132	10				
Lab Sample ID:	153479-02		Dat	e Sampled:	8/17/2015	
Matrix:	Groundwater		Dat	e Received:	8/18/2015	
Freon 113	< 2.00	ug/L			8/25/2015	02:30
Isopropylbenzene	< 2.00	ug/L			8/25/2015	02:30
m,p-Xylene	< 2.00	ug/L			8/25/2015	02:30
Methyl acetate	< 2.00	ug/L			8/25/2015	02:30
Methyl tert-butyl Ether	< 2.00	ug/L			8/25/2015	02:30
Methylcyclohexane	< 2.00	ug/L			8/25/2015	02:30
Methylene chloride	< 5.00	ug/L			8/25/2015	02:30
o-Xylene	< 2.00	ug/L			8/25/2015	02:30
Styrene	< 5.00	ug/L			8/25/2015	02:30
Tetrachloroethene	< 2.00	ug/L			8/25/2015	02:30
Toluene	< 2.00	ug/L			8/25/2015	02:30
trans-1,2-Dichloroether	ne < 2.00	ug/L			8/25/2015	02:30
trans-1,3-Dichloroprop	ene < 2.00	ug/L			8/25/2015	02:30
Trichloroethene	< 2.00	ug/L			8/25/2015	02:30
Trichlorofluoromethane	e < 2.00	ug/L			8/25/2015	02:30
Vinyl chloride	< 2.00	ug/L			8/25/2015	02:30
Surrogate	<u>P</u>	ercent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	zed
1,2-Dichloroethane-d4		110	81.1 - 116		8/25/2015	02:30
4-Bromofluorobenzene		85.9	82.3 - 113		8/25/2015	02:30
Pentafluorobenzene		87.7	91.1 - 110	*	8/25/2015	02:30
Toluene-D8		89.0	91.4 - 106	*	8/25/2015	02:30

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25634.D



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier: MW001-081715-1510

Lab Sample ID:153479-03Date Sampled:8/17/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

Analyte	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 21:25
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 21:25
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 21:25
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 21:25
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 21:25
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 21:25
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 21:25
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 21:25
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 21:25
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:25
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 21:25
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 21:25
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:25
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:25
1,4-dioxane	< 20.0	ug/L	8/24/2015 21:25
2-Butanone	< 10.0	ug/L	8/24/2015 21:25
2-Hexanone	< 5.00	ug/L	8/24/2015 21:25
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 21:25
Acetone	< 10.0	ug/L	8/24/2015 21:25
Benzene	< 1.00	ug/L	8/24/2015 21:25
Bromochloromethane	< 5.00	ug/L	8/24/2015 21:25
Bromodichloromethane	< 2.00	ug/L	8/24/2015 21:25
Bromoform	< 5.00	ug/L	8/24/2015 21:25
Bromomethane	< 2.00	ug/L	8/24/2015 21:25
Carbon disulfide	< 2.00	ug/L	8/24/2015 21:25
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 21:25
Chlorobenzene	< 2.00	ug/L	8/24/2015 21:25
Chloroethane	< 2.00	ug/L	8/24/2015 21:25
Chloroform	< 2.00	ug/L	8/24/2015 21:25



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	MW001-08171	5-1510					
Lab Sample ID:	153479-03			Dat	te Sampled:	8/17/2015	
Matrix:	Groundwater			Dat	te Received:	8/18/2015	
Chloromethane	<	< 2.00	ug/L			8/24/2015	21:25
cis-1,2-Dichloroethene	<	< 2.00	ug/L			8/24/2015	21:25
cis-1,3-Dichloropropen	e <	< 2.00	ug/L			8/24/2015	21:25
Cyclohexane	<	< 10.0	ug/L			8/24/2015	21:25
Dibromochloromethane	9 <	< 2.00	ug/L			8/24/2015	21:25
Dichlorodifluoromethan	ne <	< 2.00	ug/L			8/24/2015	21:25
Ethylbenzene	<	< 2.00	ug/L			8/24/2015	21:25
Freon 113	<	< 2.00	ug/L			8/24/2015	21:25
Isopropylbenzene	<	< 2.00	ug/L			8/24/2015	21:25
m,p-Xylene	<	< 2.00	ug/L			8/24/2015	21:25
Methyl acetate	<	< 2.00	ug/L			8/24/2015	21:25
Methyl tert-butyl Ether	<	< 2.00	ug/L			8/24/2015	21:25
Methylcyclohexane	<	< 2.00	ug/L			8/24/2015	21:25
Methylene chloride	<	< 5.00	ug/L			8/24/2015	21:25
o-Xylene	<	< 2.00	ug/L			8/24/2015	21:25
Styrene	<	< 5.00	ug/L			8/24/2015	21:25
Tetrachloroethene	<	< 2.00	ug/L			8/24/2015	21:25
Toluene	<	< 2.00	ug/L			8/24/2015	21:25
trans-1,2-Dichloroether	ie <	< 2.00	ug/L			8/24/2015	21:25
trans-1,3-Dichloroprop	ene <	< 2.00	ug/L			8/24/2015	21:25
Trichloroethene	<	< 2.00	ug/L			8/24/2015	21:25
Trichlorofluoromethane	e <	< 2.00	ug/L			8/24/2015	21:25
Vinyl chloride	<	< 2.00	ug/L			8/24/2015	21:25
<u>Surrogate</u>		<u>Perc</u>	ent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	zed
1,2-Dichloroethane-d4			106	81.1 - 116		8/24/2015	21:25
4-Bromofluorobenzene			90.0	82.3 - 113		8/24/2015	21:25
Pentafluorobenzene			91.6	91.1 - 110		8/24/2015	21:25
Toluene-D8			90.8	91.4 - 106	*	8/24/2015	21:25

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25621.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: 0123-081715-0001

Lab Sample ID:153479-04Date Sampled:8/17/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 21:48
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 21:48
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 21:48
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 21:48
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 21:48
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 21:48
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 21:48
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 21:48
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 21:48
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:48
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 21:48
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 21:48
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:48
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 21:48
1,4-dioxane	< 20.0	ug/L	8/24/2015 21:48
2-Butanone	< 10.0	ug/L	8/24/2015 21:48
2-Hexanone	< 5.00	ug/L	8/24/2015 21:48
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 21:48
Acetone	< 10.0	ug/L	8/24/2015 21:48
Benzene	< 1.00	ug/L	8/24/2015 21:48
Bromochloromethane	< 5.00	ug/L	8/24/2015 21:48
Bromodichloromethane	< 2.00	ug/L	8/24/2015 21:48
Bromoform	< 5.00	ug/L	8/24/2015 21:48
Bromomethane	< 2.00	ug/L	8/24/2015 21:48
Carbon disulfide	< 2.00	ug/L	8/24/2015 21:48
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 21:48
Chlorobenzene	< 2.00	ug/L	8/24/2015 21:48
Chloroethane	< 2.00	ug/L	8/24/2015 21:48
Chloroform	< 2.00	ug/L	8/24/2015 21:48



Client: Haley & Aldrich

Project Reference: 35294-010

oject Reference.	33274-010					
Sample Identifier:	0123-081715-0001					
Lab Sample ID:	153479-04		Date :	Sampled:	8/17/2015	
Matrix:	Groundwater		Date 1	Received:	8/18/2015	
Chloromethane	< 2.00	ug/L			8/24/2015	21:48
cis-1,2-Dichloroethene	< 2.00	ug/L			8/24/2015	21:48
cis-1,3-Dichloropropen	e < 2.00	ug/L			8/24/2015	21:48
Cyclohexane	< 10.0	ug/L			8/24/2015	21:48
Dibromochloromethan	e < 2.00	ug/L			8/24/2015	21:48
Dichlorodifluorometha	ne < 2.00	ug/L			8/24/2015	21:48
Ethylbenzene	< 2.00	ug/L			8/24/2015	21:48
Freon 113	< 2.00	ug/L			8/24/2015	21:48
Isopropylbenzene	< 2.00	ug/L			8/24/2015	21:48
m,p-Xylene	< 2.00	ug/L			8/24/2015	21:48
Methyl acetate	< 2.00	ug/L			8/24/2015	21:48
Methyl tert-butyl Ether	< 2.00	ug/L			8/24/2015	21:48
Methylcyclohexane	< 2.00	ug/L			8/24/2015	21:48
Methylene chloride	< 5.00	ug/L			8/24/2015	21:48
o-Xylene	< 2.00	ug/L			8/24/2015	21:48
Styrene	< 5.00	ug/L			8/24/2015	21:48
Tetrachloroethene	< 2.00	ug/L			8/24/2015	21:48
Toluene	< 2.00	ug/L			8/24/2015	21:48
trans-1,2-Dichloroethe	ne < 2.00	ug/L			8/24/2015	21:48
trans-1,3-Dichloroprop	ene < 2.00	ug/L			8/24/2015	21:48
Trichloroethene	< 2.00	ug/L			8/24/2015	21:48
Trichlorofluoromethan	e < 2.00	ug/L			8/24/2015	21:48
Vinyl chloride	< 2.00	ug/L			8/24/2015	21:48
<u>Surrogate</u>	P	ercent Recovery	Limits	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		110	81.1 - 116		8/24/2015	21:4
4-Bromofluorobenzene		87.6	82.3 - 113		8/24/2015	21:4
Pentafluorobenzene		91.1	91.1 - 110		8/24/2015	21:4
Toluene-D8		90.1	91.4 - 106	*	8/24/2015	21:4

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25622.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: 0123-081715-0002

Lab Sample ID:153479-05Date Sampled:8/17/2015Matrix:GroundwaterDate Received:8/18/2015

Metals

Analyte Result Units Qualifier Date Analyzed

Iron < 0.100 mg/L

/L 8/20/2015 11:32

Method Reference(s): EPA 6010C

EPA 3005

 Preparation Date:
 8/19/2015

 Data File:
 082015a

Sulfate

Analyte Result Units Qualifier Date Analyzed

Sulfate 4.0 mg/L

8/25/2015

Method Reference(s):EPA 300.0Subcontractor ELAP ID:10709

Total Organic Carbon

Analyte Result Units Qualifier Date Analyzed

Total Organic Carbon <1.0 mg/L 8/26/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier	Date Analy	<u>yzed</u>
1,1,1-Trichloroethane	< 2.00	ug/L		8/24/2015	22:12
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/24/2015	22:12
1,1,2-Trichloroethane	< 2.00	ug/L		8/24/2015	22:12
1,1-Dichloroethane	< 2.00	ug/L		8/24/2015	22:12
1,1-Dichloroethene	< 2.00	ug/L		8/24/2015	22:12
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/24/2015	22:12
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/24/2015	22:12
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/24/2015	22:12
1,2-Dibromoethane	< 2.00	ug/L		8/24/2015	22:12
1,2-Dichlorobenzene	< 2.00	ug/L		8/24/2015	22:12
1,2-Dichloroethane	< 2.00	ug/L		8/24/2015	22:12



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier: Lab Sample ID: Matrix:	0123-081715-0002 153479-05 Groundwater		Date Sampled: Date Received:	8/17/2015 8/18/2015	
1,2-Dichloropropane	< 2.00	ug/L		8/24/2015	22:12
1,3-Dichlorobenzene	< 2.00	ug/L		8/24/2015	22:12
1,4-Dichlorobenzene	< 2.00	ug/L		8/24/2015	22:12
1,4-dioxane	< 20.0	ug/L		8/24/2015	22:12
2-Butanone	< 10.0	ug/L		8/24/2015	22:12
2-Hexanone	< 5.00	ug/L		8/24/2015	22:12
4-Methyl-2-pentanone	< 5.00	ug/L		8/24/2015	22:12
Acetone	< 10.0	ug/L		8/24/2015	22:12
Benzene	< 1.00	ug/L		8/24/2015	22:12
Bromochloromethane	< 5.00	ug/L		8/24/2015	22:12
Bromodichloromethane	< 2.00	ug/L		8/24/2015	22:12
Bromoform	< 5.00	ug/L		8/24/2015	22:12
Bromomethane	< 2.00	ug/L		8/24/2015	22:12
Carbon disulfide	< 2.00	ug/L		8/24/2015	22:12
Carbon Tetrachloride	< 2.00	ug/L		8/24/2015	22:12
Chlorobenzene	< 2.00	ug/L		8/24/2015	22:12
Chloroethane	< 2.00	ug/L		8/24/2015	22:12
Chloroform	< 2.00	ug/L		8/24/2015	22:12
Chloromethane	< 2.00	ug/L		8/24/2015	22:12
cis-1,2-Dichloroethene	< 2.00	ug/L		8/24/2015	22:12
cis-1,3-Dichloropropene	< 2.00	ug/L		8/24/2015	22:12
Cyclohexane	< 10.0	ug/L		8/24/2015	22:12
Dibromochloromethane	< 2.00	ug/L		8/24/2015	22:12
Dichlorodifluoromethan	e < 2.00	ug/L		8/24/2015	22:12
Ethylbenzene	< 2.00	ug/L		8/24/2015	22:12
Freon 113	< 2.00	ug/L		8/24/2015	22:12
Isopropylbenzene	< 2.00	ug/L		8/24/2015	22:12
m,p-Xylene	< 2.00	ug/L		8/24/2015	22:12
Methyl acetate	< 2.00	ug/L		8/24/2015	22:12
Methyl tert-butyl Ether	< 2.00	ug/L		8/24/2015	22:12
Methylcyclohexane	< 2.00	ug/L		8/24/2015	22:12
Methylene chloride	< 5.00	ug/L		8/24/2015	22:12



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	0123-081715-0002					
Lab Sample ID:	153479-05		Dat	e Sampled:	8/17/2015	
Matrix:	Groundwater		Dat	e Received:	8/18/2015	
o-Xylene	< 2.00	ug/L			8/24/2015	22:12
Styrene	< 5.00	ug/L			8/24/2015	22:12
Tetrachloroethene	< 2.00	ug/L			8/24/2015	22:12
Toluene	< 2.00	ug/L			8/24/2015	22:12
trans-1,2-Dichloroether	ne < 2.00	ug/L			8/24/2015	22:12
trans-1,3-Dichloroprop	ene < 2.00	ug/L			8/24/2015	22:12
Trichloroethene	< 2.00	ug/L			8/24/2015	22:12
Trichlorofluoromethan	e < 2.00	ug/L			8/24/2015	22:12
Vinyl chloride	< 2.00	ug/L			8/24/2015	22:12
Surrogate	P	ercent Recovery	<u>Limits</u>	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		113	81.1 - 116		8/24/2015	22:12
4-Bromofluorobenzene	!	84.6	82.3 - 113		8/24/2015	22:12
Pentafluorobenzene		89.2	91.1 - 110	*	8/24/2015	22:12
Toluene-D8		89.1	91.4 - 106	*	8/24/2015	22:12

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25623.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: MW08D-081815-0915

Lab Sample ID:153479-06Date Sampled:8/18/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 22:35
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 22:35
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 22:35
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 22:35
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 22:35
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 22:35
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 22:35
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 22:35
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 22:35
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 22:35
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 22:35
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 22:35
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 22:35
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 22:35
1,4-dioxane	< 20.0	ug/L	8/24/2015 22:35
2-Butanone	< 10.0	ug/L	8/24/2015 22:35
2-Hexanone	< 5.00	ug/L	8/24/2015 22:35
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 22:35
Acetone	< 10.0	ug/L	8/24/2015 22:35
Benzene	< 1.00	ug/L	8/24/2015 22:35
Bromochloromethane	< 5.00	ug/L	8/24/2015 22:35
Bromodichloromethane	< 2.00	ug/L	8/24/2015 22:35
Bromoform	< 5.00	ug/L	8/24/2015 22:35
Bromomethane	< 2.00	ug/L	8/24/2015 22:35
Carbon disulfide	< 2.00	ug/L	8/24/2015 22:35
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 22:35
Chlorobenzene	< 2.00	ug/L	8/24/2015 22:35
Chloroethane	< 2.00	ug/L	8/24/2015 22:35
Chloroform	< 2.00	ug/L	8/24/2015 22:35



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	MW08D-081815-	0915					
Lab Sample ID:	153479-06			Date	Sampled:	8/18/2015	
Matrix:	Groundwater			Date	Received:	8/18/2015	
Chloromethane	< 2.0	0 1	ug/L			8/24/2015	22:35
cis-1,2-Dichloroethene	< 2.0	0 1	ug/L			8/24/2015	22:35
cis-1,3-Dichloropropene	< 2.0	0 1	ug/L			8/24/2015	22:35
Cyclohexane	< 10	.0	ug/L			8/24/2015	22:35
Dibromochloromethane	< 2.0	0 1	ug/L			8/24/2015	22:35
Dichlorodifluoromethan	e < 2.0	0 1	ug/L			8/24/2015	22:35
Ethylbenzene	< 2.0	0 1	ug/L			8/24/2015	22:35
Freon 113	< 2.0	0 1	ug/L			8/24/2015	22:35
Isopropylbenzene	< 2.0	0 1	ug/L			8/24/2015	22:35
m,p-Xylene	< 2.0	0 1	ug/L			8/24/2015	22:35
Methyl acetate	< 2.0	0 1	ug/L			8/24/2015	22:35
Methyl tert-butyl Ether	< 2.0	0 1	ug/L			8/24/2015	22:35
Methylcyclohexane	< 2.0	0 1	ug/L			8/24/2015	22:35
Methylene chloride	< 5.0	0 1	ug/L			8/24/2015	22:35
o-Xylene	< 2.0	0 1	ug/L			8/24/2015	22:35
Styrene	< 5.0	0 1	ug/L			8/24/2015	22:35
Tetrachloroethene	< 2.0	0 1	ug/L			8/24/2015	22:35
Toluene	< 2.0	0 1	ug/L			8/24/2015	22:35
trans-1,2-Dichloroethen	e < 2.0	0 1	ug/L			8/24/2015	22:35
trans-1,3-Dichloroprope	ne < 2.0	0 1	ug/L			8/24/2015	22:35
Trichloroethene	< 2.0	0 1	ug/L			8/24/2015	22:35
Trichlorofluoromethane	< 2.0	0 1	ug/L			8/24/2015	22:35
Vinyl chloride	< 2.0	0 1	ug/L			8/24/2015	22:35
<u>Surrogate</u>		Percent Re	covery	Limits	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		111	8	31.1 - 116		8/24/2015	22:35
4-Bromofluorobenzene		84.6	8	32.3 - 113		8/24/2015	22:35
Pentafluorobenzene		89.3	Ç	91.1 - 110	*	8/24/2015	22:35
Toluene-D8		89.1	Ç	91.4 - 106	*	8/24/2015	22:35

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25624.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: MW08S-081815-1015

Lab Sample ID:153479-07Date Sampled:8/18/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

<u>Analyte</u>	Result	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 22:59
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 22:59
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 22:59
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 22:59
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 22:59
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 22:59
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 22:59
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 22:59
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 22:59
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 22:59
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 22:59
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 22:59
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 22:59
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 22:59
1,4-dioxane	< 20.0	ug/L	8/24/2015 22:59
2-Butanone	< 10.0	ug/L	8/24/2015 22:59
2-Hexanone	< 5.00	ug/L	8/24/2015 22:59
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 22:59
Acetone	< 10.0	ug/L	8/24/2015 22:59
Benzene	< 1.00	ug/L	8/24/2015 22:59
Bromochloromethane	< 5.00	ug/L	8/24/2015 22:59
Bromodichloromethane	< 2.00	ug/L	8/24/2015 22:59
Bromoform	< 5.00	ug/L	8/24/2015 22:59
Bromomethane	< 2.00	ug/L	8/24/2015 22:59
Carbon disulfide	< 2.00	ug/L	8/24/2015 22:59
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 22:59
Chlorobenzene	< 2.00	ug/L	8/24/2015 22:59
Chloroethane	< 2.00	ug/L	8/24/2015 22:59
Chloroform	< 2.00	ug/L	8/24/2015 22:59



Client: Haley & Aldrich

Project Reference: 35294-010

Date Sample Identifier: MW08S-081815-1015 Lab Sample ID: 153479-07 Date Sampled: 8/18/2015 Date Received: 8/24/2015 Dat	
Matrix: Groundwater Date Received: 8/18/2015 Chloromethane < 2.00 ug/L 8/24/2015 2 cis-1,2-Dichloroethene < 2.00 ug/L 8/24/2015 2 cis-1,3-Dichloropropene < 2.00 ug/L 8/24/2015 2 Cyclohexane < 10.0 ug/L 8/24/2015 2 Dibromochloromethane < 2.00 ug/L 8/24/2015 2 Dichlorodifluoromethane < 2.00 ug/L 8/24/2015 2 Ethylbenzene < 2.00 ug/L 8/24/2015 2 Freon 113 < 2.00 ug/L 8/24/2015 2 Isopropylbenzene < 2.00 ug/L 8/24/2015 2 Methyl acetate < 2.00 ug/L 8/24/2015 2 Methyl tert-butyl Ether < 2.00 ug/L 8/24/2015 2 Methylcyclohexane < 2.00 ug/L 8/24/2015 2 Methylene chloride < 5.00 ug/L 8/24/2015 2	
Chloromethane < 2.00 ug/L 8/24/2015 2 cis-1,2-Dichloroethene < 2.00 ug/L 8/24/2015 2 cis-1,3-Dichloropropene < 2.00 ug/L 8/24/2015 2 Cyclohexane < 10.0 ug/L 8/24/2015 2 Dibromochloromethane < 2.00 ug/L 8/24/2015 2 Dichlorodifluoromethane < 2.00 ug/L 8/24/2015 2 Ethylbenzene < 2.00 ug/L 8/24/2015 2 Ethylbenzene < 2.00 ug/L 8/24/2015 2 Freon 113 < 2.00 ug/L 8/24/2015 2 Isopropylbenzene < 2.00 ug/L 8/24/2015 2 Methyl acetate < 2.00 ug/L 8/24/2015 2 Methyl tert-butyl Ether < 2.00 ug/L 8/24/2015 2 Methylcyclohexane < 2.00 ug/L 8/24/2015 2 Methylene chloride < 5.00 ug/L 8/24/2015 2 <	
cis-1,2-Dichloroethene < 2.00 ug/L 8/24/2015 2 cis-1,3-Dichloropropene < 2.00 ug/L 8/24/2015 2 Cyclohexane < 10.0 ug/L 8/24/2015 2 Dibromochloromethane < 2.00 ug/L 8/24/2015 2 Dichlorodifluoromethane < 2.00 ug/L 8/24/2015 2 Ethylbenzene < 2.00 ug/L 8/24/2015 2 Freon 113 < 2.00 ug/L 8/24/2015 2 Isopropylbenzene < 2.00 ug/L 8/24/2015 2 m,p-Xylene < 2.00 ug/L 8/24/2015 2 Methyl acetate < 2.00 ug/L 8/24/2015 2 Methyl tert-butyl Ether < 2.00 ug/L 8/24/2015 2 Methylcyclohexane < 2.00 ug/L 8/24/2015 2 Methylene chloride < 5.00 ug/L 8/24/2015 2 O-Xylene < 2.00 ug/L 8/24/2015 2 Styrene < 5.00 ug/L 8/24/2015 2 <	
cis-1,3-Dichloropropene < 2.00	22:59
Cyclohexane < 10.0	22:59
Dibromochloromethane < 2.00	22:59
Dichlorodifluoromethane < 2.00	22:59
Ethylbenzene < 2.00	22:59
Freon 113 < 2.00	22:59
Isopropylbenzene	22:59
m,p-Xylene < 2.00	22:59
Methyl acetate < 2.00	22:59
Methyl tert-butyl Ether < 2.00	22:59
Methylcyclohexane < 2.00	22:59
Methylene chloride < 5.00	22:59
o-Xylene < 2.00	22:59
Styrene < 5.00	22:59
Tetrachloroethene < 2.00	22:59
Toluene < 2.00 ug/L 8/24/2015 22 trans-1,2-Dichloropropene < 2.00 ug/L 8/24/2015 22 trans-1,3-Dichloropropene < 2.00 ug/L 8/24/2015 22 trans-1,3-Dichloropropene	22:59
trans-1,2-Dichloroethene < 2.00 ug/L 8/24/2015 22 trans-1,3-Dichloropropene < 2.00 ug/L 8/24/2015 22	22:59
trans-1,3-Dichloropropene <2.00 ug/L 8/24/2015 2	22:59
, , ,	22:59
Twishloweath and 0/24/2015 2	22:59
Trichloroethene < 2.00 ug/L 8/24/2015 2	22:59
Trichlorofluoromethane < 2.00 ug/L 8/24/2015 2	22:59
Vinyl chloride < 2.00 ug/L 8/24/2015 2	22:59
Surrogate Percent Recovery Limits Outliers Date Analyze	ed
1,2-Dichloroethane-d4	22:59
4-Bromofluorobenzene 81.5 82.3 - 113 * 8/24/2015 2	22:59
Pentafluorobenzene 88.6 91.1 - 110 * 8/24/2015 2	22:59
Toluene-D8 88.8 91.4 - 106 * 8/24/2015 2	22:59

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25625.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: MW012-081815-1150

Lab Sample ID:153479-08Date Sampled:8/18/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 23:22
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 23:22
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 23:22
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 23:22
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 23:22
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 23:22
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 23:22
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 23:22
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 23:22
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 23:22
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 23:22
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 23:22
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 23:22
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 23:22
1,4-dioxane	< 20.0	ug/L	8/24/2015 23:22
2-Butanone	< 10.0	ug/L	8/24/2015 23:22
2-Hexanone	< 5.00	ug/L	8/24/2015 23:22
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 23:22
Acetone	< 10.0	ug/L	8/24/2015 23:22
Benzene	< 1.00	ug/L	8/24/2015 23:22
Bromochloromethane	< 5.00	ug/L	8/24/2015 23:22
Bromodichloromethane	< 2.00	ug/L	8/24/2015 23:22
Bromoform	< 5.00	ug/L	8/24/2015 23:22
Bromomethane	< 2.00	ug/L	8/24/2015 23:22
Carbon disulfide	< 2.00	ug/L	8/24/2015 23:22
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 23:22
Chlorobenzene	< 2.00	ug/L	8/24/2015 23:22
Chloroethane	< 2.00	ug/L	8/24/2015 23:22
Chloroform	< 2.00	ug/L	8/24/2015 23:22



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier:	MW012-081815-2	1150				
Lab Sample ID:	153479-08		D	ate Sampled:	8/18/2015	
Matrix:	Groundwater		D	ate Received:	8/18/2015	
Chloromethane	< 2.0	00 ug/	L		8/24/2015	23:22
cis-1,2-Dichloroethene	< 2.0	00 ug/	L		8/24/2015	23:22
cis-1,3-Dichloropropene	e < 2.0	00 ug/	L		8/24/2015	23:22
Cyclohexane	< 10	.0 ug/	L		8/24/2015	23:22
Dibromochloromethane	< 2.0	00 ug/	L		8/24/2015	23:22
Dichlorodifluoromethan	ne < 2.0	00 ug/	L		8/24/2015	23:22
Ethylbenzene	< 2.0	00 ug/	L		8/24/2015	23:22
Freon 113	< 2.0	00 ug/	L		8/24/2015	23:22
Isopropylbenzene	< 2.0	00 ug/	L		8/24/2015	23:22
m,p-Xylene	< 2.0	00 ug/	L		8/24/2015	23:22
Methyl acetate	< 2.0	00 ug/	L		8/24/2015	23:22
Methyl tert-butyl Ether	< 2.0	00 ug/	L		8/24/2015	23:22
Methylcyclohexane	< 2.0	00 ug/	L		8/24/2015	23:22
Methylene chloride	< 5.0	00 ug/	L		8/24/2015	23:22
o-Xylene	< 2.0	00 ug/	L		8/24/2015	23:22
Styrene	< 5.0	00 ug/	L		8/24/2015	23:22
Tetrachloroethene	< 2.0	00 ug/	L		8/24/2015	23:22
Toluene	< 2.0	00 ug/	L		8/24/2015	23:22
trans-1,2-Dichloroethen	ne < 2.0	00 ug/	L		8/24/2015	23:22
trans-1,3-Dichloroprope	ene < 2.0	00 ug/	L		8/24/2015	23:22
Trichloroethene	< 2.0	00 ug/	L		8/24/2015	23:22
Trichlorofluoromethane	< 2.0	00 ug/	L		8/24/2015	23:22
Vinyl chloride	< 2.0	00 ug/	L		8/24/2015	23:22
<u>Surrogate</u>		Percent Recov	very Limits	<u>Outliers</u>	Date Analy	<u>zed</u>
1,2-Dichloroethane-d4		112	81.1 - 116		8/24/2015	23:22
4-Bromofluorobenzene		82.5	82.3 - 113		8/24/2015	23:22
Pentafluorobenzene		88.0	91.1 - 110	*	8/24/2015	23:22
Toluene-D8		88.7	91.4 - 106	*	8/24/2015	23:22

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25626.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: MW010-081815-1250

Lab Sample ID:153479-09Date Sampled:8/18/2015Matrix:GroundwaterDate Received:8/18/2015

Volatile Organics

<u>Analyte</u>	Result	<u>Units</u>	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/24/2015 23:46
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/24/2015 23:46
1,1,2-Trichloroethane	< 2.00	ug/L		8/24/2015 23:46
1,1-Dichloroethane	< 2.00	ug/L		8/24/2015 23:46
1,1-Dichloroethene	< 2.00	ug/L		8/24/2015 23:46
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/24/2015 23:46
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/24/2015 23:46
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/24/2015 23:46
1,2-Dibromoethane	< 2.00	ug/L		8/24/2015 23:46
1,2-Dichlorobenzene	< 2.00	ug/L		8/24/2015 23:46
1,2-Dichloroethane	< 2.00	ug/L		8/24/2015 23:46
1,2-Dichloropropane	< 2.00	ug/L		8/24/2015 23:46
1,3-Dichlorobenzene	< 2.00	ug/L		8/24/2015 23:46
1,4-Dichlorobenzene	< 2.00	ug/L		8/24/2015 23:46
1,4-dioxane	< 20.0	ug/L		8/24/2015 23:46
2-Butanone	< 10.0	ug/L		8/24/2015 23:46
2-Hexanone	< 5.00	ug/L		8/24/2015 23:46
4-Methyl-2-pentanone	< 5.00	ug/L		8/24/2015 23:46
Acetone	< 10.0	ug/L		8/24/2015 23:46
Benzene	< 1.00	ug/L		8/24/2015 23:46
Bromochloromethane	< 5.00	ug/L		8/24/2015 23:46
Bromodichloromethane	< 2.00	ug/L		8/24/2015 23:46
Bromoform	< 5.00	ug/L		8/24/2015 23:46
Bromomethane	< 2.00	ug/L		8/24/2015 23:46
Carbon disulfide	< 2.00	ug/L		8/24/2015 23:46
Carbon Tetrachloride	< 2.00	ug/L		8/24/2015 23:46
Chlorobenzene	< 2.00	ug/L		8/24/2015 23:46
Chloroethane	< 2.00	ug/L		8/24/2015 23:46
Chloroform	< 2.00	ug/L		8/24/2015 23:46



Client: Haley & Aldrich

Project Reference: 35294-010

oject Keiei ence.	3327 1- 010					
Sample Identifier:	MW010-081815-1	250				
Lab Sample ID:	153479-09		Date:	Sampled:	8/18/2015	
Matrix:	Groundwater		Date 1	Received:	8/18/2015	
Chloromethane	< 2.00	ug/L			8/24/2015	23:46
cis-1,2-Dichloroethene	< 2.00	ug/L			8/24/2015	23:46
cis-1,3-Dichloropropen	e < 2.00	ug/L			8/24/2015	23:46
Cyclohexane	< 10.0	ug/L			8/24/2015	23:46
Dibromochloromethane	< 2.00	ug/L			8/24/2015	23:46
Dichlorodifluoromethar	ne < 2.00	ug/L			8/24/2015	23:46
Ethylbenzene	< 2.00	ug/L			8/24/2015	23:46
Freon 113	< 2.00	ug/L			8/24/2015	23:46
Isopropylbenzene	< 2.00	ug/L			8/24/2015	23:46
m,p-Xylene	< 2.00	ug/L			8/24/2015	23:46
Methyl acetate	< 2.00	ug/L			8/24/2015	23:46
Methyl tert-butyl Ether	< 2.00	ug/L			8/24/2015	23:46
Methylcyclohexane	< 2.00	ug/L			8/24/2015	23:46
Methylene chloride	< 5.00	ug/L			8/24/2015	23:46
o-Xylene	< 2.00	ug/L			8/24/2015	23:46
Styrene	< 5.00	ug/L			8/24/2015	23:46
Tetrachloroethene	< 2.00	ug/L			8/24/2015	23:46
Toluene	< 2.00	ug/L			8/24/2015	23:46
trans-1,2-Dichloroether	ne < 2.00	ug/L			8/24/2015	23:46
trans-1,3-Dichloroprop	ene < 2.00	ug/L			8/24/2015	23:46
Trichloroethene	< 2.00	ug/L			8/24/2015	23:46
Trichlorofluoromethane	e < 2.00	ug/L			8/24/2015	23:46
Vinyl chloride	< 2.00	ug/L			8/24/2015	23:46
<u>Surrogate</u>		Percent Recovery	<u>Limits</u>	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		114	81.1 - 116		8/24/2015	23:40
4-Bromofluorobenzene		82.7	82.3 - 113		8/24/2015	23:40
Pentafluorobenzene		86.4	91.1 - 110	*	8/24/2015	23:46
Toluene-D8		88.8	91.4 - 106	*	8/24/2015	23:46

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25627.D



8/20/2015 11:36

8/24/2015

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW101-081815-1350

153479-10 Lab Sample ID: **Date Sampled:** 8/18/2015 Matrix: Groundwater **Date Received:** 8/18/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron 1.68 mg/L

Method Reference(s): EPA 6010C

EPA 3005 **Preparation Date:** 8/19/2015

Data File: 082015a

Metals

Analyte Oualifier Result Units **Date Analyzed**

Iron 1.77 mg/L 8/20/2015 11:41

Method Reference(s): EPA 6010C

EPA 3005

Preparation Date: 8/19/2015 082015a

Data File:

Sulfate

Analyte Result **Units Oualifier Date Analyzed**

Sulfate 9.1 mg/L

> Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units **Oualifier Date Analyzed**

Total Organic Carbon 1.9 mg/L 8/26/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	Result	<u>Units</u>	<u>Qualifier</u>	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		8/25/2015 03:40
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/25/2015 03:40
1,1,2-Trichloroethane	< 2.00	ug/L		8/25/2015 03:40
1,1-Dichloroethane	< 2.00	ug/L		8/25/2015 03:40



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier:	MW101-081815-1350	0			
Lab Sample ID:	153479-10		Date Sampled:	8/18/2015	
Matrix:	Groundwater		Date Received:	8/18/2015	
1,1-Dichloroethene	< 2.00	ug/L		8/25/2015	03:40
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/25/2015	03:40
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/25/2015	03:40
1,2-Dibromo-3-Chloropi	ropane < 10.0	ug/L		8/25/2015	03:40
1,2-Dibromoethane	< 2.00	ug/L		8/25/2015	03:40
1,2-Dichlorobenzene	< 2.00	ug/L		8/25/2015	03:40
1,2-Dichloroethane	< 2.00	ug/L		8/25/2015	03:40
1,2-Dichloropropane	< 2.00	ug/L		8/25/2015	03:40
1,3-Dichlorobenzene	< 2.00	ug/L		8/25/2015	03:40
1,4-Dichlorobenzene	< 2.00	ug/L		8/25/2015	03:40
1,4-dioxane	< 20.0	ug/L		8/25/2015	03:40
2-Butanone	< 10.0	ug/L		8/25/2015	03:40
2-Hexanone	< 5.00	ug/L		8/25/2015	03:40
4-Methyl-2-pentanone	< 5.00	ug/L		8/25/2015	03:40
Acetone	< 10.0	ug/L		8/25/2015	03:40
Benzene	< 1.00	ug/L		8/25/2015	03:40
Bromochloromethane	< 5.00	ug/L		8/25/2015	03:40
Bromodichloromethane	< 2.00	ug/L		8/25/2015	03:40
Bromoform	< 5.00	ug/L		8/25/2015	03:40
Bromomethane	< 2.00	ug/L		8/25/2015	03:40
Carbon disulfide	< 2.00	ug/L		8/25/2015	03:40
Carbon Tetrachloride	< 2.00	ug/L		8/25/2015	03:40
Chlorobenzene	< 2.00	ug/L		8/25/2015	03:40
Chloroethane	< 2.00	ug/L		8/25/2015	03:40
Chloroform	< 2.00	ug/L		8/25/2015	03:40
Chloromethane	< 2.00	ug/L		8/25/2015	03:40
cis-1,2-Dichloroethene	< 2.00	ug/L		8/25/2015	03:40
cis-1,3-Dichloropropene	< 2.00	ug/L		8/25/2015	03:40
Cyclohexane	< 10.0	ug/L		8/25/2015	03:40
Dibromochloromethane	< 2.00	ug/L		8/25/2015	03:40
Dichlorodifluoromethan	e < 2.00	ug/L		8/25/2015	03:40
Ethylbenzene	< 2.00	ug/L		8/25/2015	03:40



Client: Haley & Aldrich

Project Reference: 35294-010

10,000 neteroneer	30271 010					
Sample Identifier:	MW101-081815-1350					
Lab Sample ID:	153479-10		Dat	e Sampled:	8/18/2015	
Matrix:	Groundwater		Dat	e Received:	8/18/2015	
Freon 113	< 2.00	ug/L			8/25/2015	03:40
Isopropylbenzene	< 2.00	ug/L			8/25/2015	03:40
m,p-Xylene	< 2.00	ug/L			8/25/2015	03:40
Methyl acetate	< 2.00	ug/L			8/25/2015	03:40
Methyl tert-butyl Ether	< 2.00	ug/L			8/25/2015	03:40
Methylcyclohexane	< 2.00	ug/L			8/25/2015	03:40
Methylene chloride	< 5.00	ug/L			8/25/2015	03:40
o-Xylene	< 2.00	ug/L			8/25/2015	03:40
Styrene	< 5.00	ug/L			8/25/2015	03:40
Tetrachloroethene	< 2.00	ug/L			8/25/2015	03:40
Toluene	< 2.00	ug/L			8/25/2015	03:40
trans-1,2-Dichloroethene	< 2.00	ug/L			8/25/2015	03:40
trans-1,3-Dichloroprope	ne < 2.00	ug/L			8/25/2015	03:40
Trichloroethene	< 2.00	ug/L			8/25/2015	03:40
Trichlorofluoromethane	< 2.00	ug/L			8/25/2015	03:40
Vinyl chloride	< 2.00	ug/L			8/25/2015	03:40
<u>Surrogate</u>	Perc	ent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	zed
1,2-Dichloroethane-d4		106	81.1 - 116		8/25/2015	03:40
4-Bromofluorobenzene		92.1	82.3 - 113		8/25/2015	03:40
Pentafluorobenzene		97.1	91.1 - 110		8/25/2015	03:40
Toluene-D8		92.9	91.4 - 106		8/25/2015	03:40

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25637.D



Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: GP009-081815-1530

153479-11 Lab Sample ID: **Date Sampled:** 8/18/2015 Matrix: Groundwater **Date Received:** 8/18/2015

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron < 0.100 mg/L

8/20/2015 11:46

Method Reference(s): EPA 6010C EPA 3005 **Preparation Date:** 8/19/2015 Data File:

Metals

Analyte Oualifier Result Units **Date Analyzed**

Iron 7.58 mg/L 8/20/2015 11:50

Method Reference(s): EPA 6010C

EPA 3005

082015a

Preparation Date: 8/19/2015 Data File: 082015a

Sulfate

Analyte Result **Units Oualifier Date Analyzed**

Sulfate 930 mg/L 8/25/2015

Method Reference(s): EPA 300.0 **Subcontractor ELAP ID:** 10709

Total Organic Carbon

Analyte Result Units **Oualifier Date Analyzed**

Total Organic Carbon 11 mg/L 8/26/2015

Method Reference(s): SM 5310 C **Subcontractor ELAP ID:** 10709

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	< 2.00	ug/L		8/25/2015 04:04	ŀ
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		8/25/2015 04:04	ŀ
1,1,2-Trichloroethane	< 2.00	ug/L		8/25/2015 04:04	ŀ
1,1-Dichloroethane	< 2.00	ug/L		8/25/2015 04:04	ŀ



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	GP009-081815-1530				
Lab Sample ID:	153479-11		Date Sampled:	8/18/2015	
Matrix:	Groundwater		Date Received:	8/18/2015	
1,1-Dichloroethene	< 2.00	ug/L		8/25/2015	04:04
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/25/2015	04:04
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/25/2015	04:04
1,2-Dibromo-3-Chloropro	opane < 10.0	ug/L		8/25/2015	04:0
1,2-Dibromoethane	< 2.00	ug/L		8/25/2015	04:0
1,2-Dichlorobenzene	50.9	ug/L		8/25/2015	04:0
1,2-Dichloroethane	< 2.00	ug/L		8/25/2015	04:0
1,2-Dichloropropane	< 2.00	ug/L		8/25/2015	04:0
1,3-Dichlorobenzene	< 2.00	ug/L		8/25/2015	04:0
1,4-Dichlorobenzene	2.58	ug/L		8/25/2015	04:0
1,4-dioxane	< 20.0	ug/L		8/25/2015	04:0
2-Butanone	< 10.0	ug/L		8/25/2015	04:0
2-Hexanone	< 5.00	ug/L		8/25/2015	04:0
4-Methyl-2-pentanone	< 5.00	ug/L		8/25/2015	04:0
Acetone	23.4	ug/L		8/25/2015	04:0
Benzene	< 1.00	ug/L		8/25/2015	04:0
Bromochloromethane	< 5.00	ug/L		8/25/2015	04:0
Bromodichloromethane	< 2.00	ug/L		8/25/2015	04:0
Bromoform	< 5.00	ug/L		8/25/2015	04:0
Bromomethane	< 2.00	ug/L		8/25/2015	04:0
Carbon disulfide	< 2.00	ug/L		8/25/2015	04:0
Carbon Tetrachloride	< 2.00	ug/L		8/25/2015	04:0
Chlorobenzene	< 2.00	ug/L		8/25/2015	04:0
Chloroethane	< 2.00	ug/L		8/25/2015	04:0
Chloroform	< 2.00	ug/L		8/25/2015	04:0
Chloromethane	2.29	ug/L		8/25/2015	04:0
cis-1,2-Dichloroethene	< 2.00	ug/L		8/25/2015	04:0
cis-1,3-Dichloropropene	< 2.00	ug/L		8/25/2015	04:0
Cyclohexane	< 10.0	ug/L		8/25/2015	04:0
Dibromochloromethane	< 2.00	ug/L		8/25/2015	04:0
Dichlorodifluoromethane	< 2.00	ug/L		8/25/2015	04:0
Ethylbenzene	< 2.00	ug/L		8/25/2015	04:0



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	GP009-081815-1530					
Lab Sample ID:	153479-11		Dat	e Sampled:	8/18/2015	
Matrix:	Groundwater		Dat	e Received:	8/18/2015	
Freon 113	< 2.00	ug/L			8/25/2015	04:04
Isopropylbenzene	< 2.00	ug/L			8/25/2015	04:04
m,p-Xylene	< 2.00	ug/L			8/25/2015	04:04
Methyl acetate	< 2.00	ug/L			8/25/2015	04:04
Methyl tert-butyl Ether	< 2.00	ug/L			8/25/2015	04:04
Methylcyclohexane	< 2.00	ug/L			8/25/2015	04:04
Methylene chloride	< 5.00	ug/L			8/25/2015	04:04
o-Xylene	< 2.00	ug/L			8/25/2015	04:04
Styrene	< 5.00	ug/L			8/25/2015	04:04
Tetrachloroethene	< 2.00	ug/L			8/25/2015	04:04
Toluene	< 2.00	ug/L			8/25/2015	04:04
trans-1,2-Dichloroethene	< 2.00	ug/L			8/25/2015	04:04
trans-1,3-Dichloropropen	e < 2.00	ug/L			8/25/2015	04:04
Trichloroethene	< 2.00	ug/L			8/25/2015	04:04
Trichlorofluoromethane	< 2.00	ug/L			8/25/2015	04:04
Vinyl chloride	< 2.00	ug/L			8/25/2015	04:04
<u>Surrogate</u>	Pero	cent Recovery	Limits	Outliers	Date Analy	zed
1,2-Dichloroethane-d4		106	81.1 - 116		8/25/2015	04:04
4-Bromofluorobenzene		90.7	82.3 - 113		8/25/2015	04:04
Pentafluorobenzene		94.5	91.1 - 110		8/25/2015	04:04
Toluene-D8		88.0	91.4 - 106	*	8/25/2015	04:04

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25638.D



Client: <u>Haley & Aldrich</u>

Project Reference: 35294-010

Sample Identifier: 0123-081815-0001, Trip Blank (T-645)

 Lab Sample ID:
 153479-12
 Date Sampled:
 8/17/2015

 Matrix:
 Water
 Date Received:
 8/18/2015

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	Qualifier Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L	8/24/2015 20:38
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	8/24/2015 20:38
1,1,2-Trichloroethane	< 2.00	ug/L	8/24/2015 20:38
1,1-Dichloroethane	< 2.00	ug/L	8/24/2015 20:38
1,1-Dichloroethene	< 2.00	ug/L	8/24/2015 20:38
1,2,3-Trichlorobenzene	< 5.00	ug/L	8/24/2015 20:38
1,2,4-Trichlorobenzene	< 5.00	ug/L	8/24/2015 20:38
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	8/24/2015 20:38
1,2-Dibromoethane	< 2.00	ug/L	8/24/2015 20:38
1,2-Dichlorobenzene	< 2.00	ug/L	8/24/2015 20:38
1,2-Dichloroethane	< 2.00	ug/L	8/24/2015 20:38
1,2-Dichloropropane	< 2.00	ug/L	8/24/2015 20:38
1,3-Dichlorobenzene	< 2.00	ug/L	8/24/2015 20:38
1,4-Dichlorobenzene	< 2.00	ug/L	8/24/2015 20:38
1,4-dioxane	< 20.0	ug/L	8/24/2015 20:38
2-Butanone	< 10.0	ug/L	8/24/2015 20:38
2-Hexanone	< 5.00	ug/L	8/24/2015 20:38
4-Methyl-2-pentanone	< 5.00	ug/L	8/24/2015 20:38
Acetone	< 10.0	ug/L	8/24/2015 20:38
Benzene	< 1.00	ug/L	8/24/2015 20:38
Bromochloromethane	< 5.00	ug/L	8/24/2015 20:38
Bromodichloromethane	< 2.00	ug/L	8/24/2015 20:38
Bromoform	< 5.00	ug/L	8/24/2015 20:38
Bromomethane	< 2.00	ug/L	8/24/2015 20:38
Carbon disulfide	< 2.00	ug/L	8/24/2015 20:38
Carbon Tetrachloride	< 2.00	ug/L	8/24/2015 20:38
Chlorobenzene	< 2.00	ug/L	8/24/2015 20:38
Chloroethane	< 2.00	ug/L	8/24/2015 20:38
Chloroform	< 2.00	ug/L	8/24/2015 20:38



Client: Haley & Aldrich

Project Reference: 35294-010

Sample Identifier:	0123-081815-0001, Trip Blank (T-645)
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bampie identifier.	0125 001015	, 0001, 1	Tip Blaim (1 01	.5)			
Lab Sample ID:	153479-12			Dat	e Sampled:	8/17/2015	
Matrix:	Water			Dat	e Received:	8/18/2015	
Chloromethane		< 2.00	ug/L			8/24/2015	20:38
cis-1,2-Dichloroethene		< 2.00	ug/L			8/24/2015	20:38
cis-1,3-Dichloropropene	:	< 2.00	ug/L			8/24/2015	20:38
Cyclohexane		< 10.0	ug/L			8/24/2015	20:38
Dibromochloromethane		< 2.00	ug/L			8/24/2015	20:38
Dichlorodifluoromethan	e	< 2.00	ug/L			8/24/2015	20:38
Ethylbenzene		< 2.00	ug/L			8/24/2015	20:38
Freon 113		< 2.00	ug/L			8/24/2015	20:38
Isopropylbenzene		< 2.00	ug/L			8/24/2015	20:38
m,p-Xylene		< 2.00	ug/L			8/24/2015	20:38
Methyl acetate		< 2.00	ug/L			8/24/2015	20:38
Methyl tert-butyl Ether		< 2.00	ug/L			8/24/2015	20:38
Methylcyclohexane		< 2.00	ug/L			8/24/2015	20:38
Methylene chloride		< 5.00	ug/L			8/24/2015	20:38
o-Xylene		< 2.00	ug/L			8/24/2015	20:38
Styrene		< 5.00	ug/L			8/24/2015	20:38
Tetrachloroethene		< 2.00	ug/L			8/24/2015	20:38
Toluene		< 2.00	ug/L			8/24/2015	20:38
trans-1,2-Dichloroethen	e	< 2.00	ug/L			8/24/2015	20:38
trans-1,3-Dichloroprope	ene	< 2.00	ug/L			8/24/2015	20:38
Trichloroethene		< 2.00	ug/L			8/24/2015	20:38
Trichlorofluoromethane		< 2.00	ug/L			8/24/2015	20:38
Vinyl chloride		< 2.00	ug/L			8/24/2015	20:38
Surrogate		<u>Per</u>	cent Recovery	<u>Limits</u>	<u>Outliers</u>	Date Analy	
1,2-Dichloroethane-d4			109	81.1 - 116		8/24/2015	20:38
4-Bromofluorobenzene			88.7	82.3 - 113		8/24/2015	20:38
Pentafluorobenzene			95.4	91.1 - 110		8/24/2015	20:38
Toluene-D8			92.1	91.4 - 106		8/24/2015	20:38

Method Reference(s): EPA 8260C

EPA 5030

Data File: x25619.D



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Dissolved Metals

Analyte Result Units Qualifier Date Analyzed

Iron <0.100 mg/L 8/20/2015 10:50

Method Reference(s):

EPA 6010C

EPA 3005

Preparation Date:

8/19/2015

Data File:

082015a

QC Batch ID:

QC150819water1

QC Number:

1



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Metals

Analyte Result Units Qualifier Date Analyzed

Iron <0.100 mg/L 8/20/2015 10:50

Method Reference(s):

EPA 6010C

EPA 3005

Preparation Date:

8/19/2015

Data File:

082015a

QC Batch ID:

QC150819water1

QC Number:

1



QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: <u>Haley</u>

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Metals

	<u>LCS</u>	<u>LCSD</u>	<u>Spike</u>	<u>LCS</u>	<u>LCSD</u>	LCS %	LCSD %	% Rec	<u>LCS</u>	LCSD	Relative %	<u>RPD</u>	RPD	<u>Date</u>
<u>Analyte</u>	<u>Added</u>	<u>Added</u>	<u>Units</u>	<u>Result</u>	<u>Result</u>	Recovery	Recovery	<u>Limits</u>	<u>Outliers</u>	<u>Outliers</u>	<u>Difference</u>	<u>Limit</u>	<u>Outliers</u>	<u>Analyzed</u>
Iron	2.50	2.50	mg/L	2.66	2.67	106	107	85 - 115			0.219	20		8/20/2015

Method Reference(s):

EPA 6010C

EPA 3005

Preparation Date:

8/19/2015

Data File:

082015a

QC Number:

4

QC Batch ID:

QC150819water1



QC Report for Sample Spike and Sample Duplicate

Client:

Haley & Aldrich

Lab Project ID: 153479

Project Reference:

35294-010

Lab Sample ID:

153479-02

Date Sampled: 8/17/2015

Sample Identifier:

MW102-081715-1310

Date Received: 8/18/2015

Matrix:

Groundwater

Dissolved Metals

<u>Analyte</u>	<u>Sample</u> <u>Results</u>	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	<u>Spike</u> Outliers	-	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
Iron	7.90	mg/L	2.50	11.0	124	75 - 125		7.30	7.89	20		8/20/2015

Method Reference(s):

EPA 6010C

Preparation Date:

EPA 3005 8/19/2015 082015a

QC Batch ID:

QC150819water1

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.



QC Report for Sample Spike and Sample Duplicate

Client:

Haley & Aldrich

Lab Project ID: 153479

Project Reference:

35294-010

Lab Sample ID:

153479-02

Sample Identifier:

MW102-081715-1310

Date Sampled: 8/17/2015 **Date Received:** 8/18/2015

Matrix:

Groundwater

Metals

<u>Analyte</u>	Sample Results	Result Units	Spike Added	<u>Spike</u> Result	Spike % Recovery	% Rec Limits	Spike Outliers	-	Relative % Difference	RPD Limit	RPD Outliers	<u>Date</u> Analyzed
Iron	9.64	mg/L	2.50	13.3	145	75 - 125	*	9.53	1.11	20		8/20/2015

Method Reference(s):

EPA 6010C

Preparation Date:

EPA 3005 8/19/2015

082015a

QC Batch ID:

QC150819water1

NC = Not Calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Wednesday, August 26, 2015



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analyzed		
1,1,1-Trichloroethane	<2.00	ug/L		8/24/2015	15:56	
1,1,2,2-Tetrachloroethane	<2.00	ug/L		8/24/2015	15:56	
1,1,2-Trichloroethane	<2.00	ug/L		8/24/2015	15:56	
1,1-Dichloroethane	<2.00	ug/L		8/24/2015	15:56	
1,1-Dichloroethene	<2.00	ug/L		8/24/2015	15:56	
1,2,3-Trichlorobenzene	<5.00	ug/L		8/24/2015	15:56	
1,2,4-Trichlorobenzene	<5.00	ug/L		8/24/2015	15:56	
1,2-Dibromo-3-Chloropropane	<10.0	ug/L		8/24/2015	15:56	
1,2-Dibromoethane	<2.00	ug/L		8/24/2015	15:56	
1,2-Diolomochane 1,2-Diolomochane	<2.00	ug/L		8/24/2015	15:56	
1,2-Dichloroethane	<2.00	ug/L		8/24/2015	15:56	
1,2-Dichloropropane	<2.00	ug/L		8/24/2015	15:56	
1,3-Dichlorobenzene	<2.00	ug/L		8/24/2015	15:56	
1,4-Dichlorobenzene	<2.00	ug/L		8/24/2015	15:56	
1,4-dioxane	<20.0	ug/L		8/24/2015	15:56	
2-Butanone	<10.0	ug/L		8/24/2015	15:56	
2-Butanone 2-Hexanone	<5.00	ug/L		8/24/2015	15:56	
	<5.00	ug/L		8/24/2015	15:56	
4-Methyl-2-pentanone	<10.0	ug/L		8/24/2015	15:56	
Acetone	<1.00	ug/L		8/24/2015	15:56	
Benzene	<5.00	ug/L		8/24/2015	15:56	
Bromochloromethane	<2.00	ug/L		8/24/2015	15:56	
Bromodichloromethane	<5.00	ug/L ug/L		8/24/2015	15:56	
Bromoform	<2.00	ug/L ug/L		8/24/2015	15:56	
Bromomethane	<2.00	ug/L ug/L		8/24/2015	15:56	
Carbon disulfide	<2.00	ug/L ug/L		8/24/2015	15:56	
Carbon Tetrachloride	<2.00 <2.00	ug/L ug/L		8/24/2015	15:56	
Chlorobenzene				8/24/2015	15:56	
Chloroethane	<2.00	ug/L		0/27/2013	10.00	

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Report Prepared Tuesday, September 01, 2015



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

Analyte	Result	<u>Units</u>	Qualifier	<u>Date Analyzed</u>	
Chloroform	<2.00	ug/L		8/24/2015	15:56
Chloromethane	<2.00	ug/L		8/24/2015	15:56
cis-1,2-Dichloroethene	<2.00	ug/L		8/24/2015	15:56
cis-1,3-Dichloropropene	<2.00	ug/L		8/24/2015	15:56
Cyclohexane	<10.0	ug/L		8/24/2015	15:56
Dibromochloromethane	<2.00	ug/L		8/24/2015	15:56
Dichlorodifluoromethane	<2.00	ug/L		8/24/2015	15:56
Ethylbenzene	<2.00	ug/L		8/24/2015	15:56
Freon 113	<2.00	ug/L		8/24/2015	15:56
Isopropylbenzene	<2.00	ug/L		8/24/2015	15:56
m,p-Xylene	<2.00	ug/L		8/24/2015	15:56
Methyl acetate	<2.00	ug/L		8/24/2015	15:56
Methyl tert-butyl Ether	<2.00	ug/L		8/24/2015	15:56
Methylcyclohexane	<2.00	ug/L		8/24/2015	15:56
Methylene chloride	<5.00	ug/L		8/24/2015	15:56
o-Xylene	<2.00	ug/L		8/24/2015	15:56
Styrene	< 5.00	ug/L		8/24/2015	15:56
Tetrachloroethene	<2.00	ug/L		8/24/2015	15:56
Toluene	<2.00	ug/L		8/24/2015	15:56
trans-1,2-Dichloroethene	<2.00	ug/L		8/24/2015	15:56
trans-1,3-Dichloropropene	<2.00	ug/L		8/24/2015	15:56
Trichloroethene	<2.00	ug/L		8/24/2015	15:56
Trichlorofluoromethane	<2.00	ug/L		8/24/2015	15:56
Vinyl chloride	<2.00	ug/L		8/24/2015	15:56



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

Analyte	Result	<u>Units</u>	<u>Qualifier</u>	Date Analy	zed
<u>Surrogate</u>	Percent Recovery	<u>Limits</u>	<u>Outliers</u>	<u>Date Anal</u>	yzed
1,2-Dichloroethane-d4	99.2	81.1 - 116		8/24/2015	15:56
4-Bromofluorobenzene	92.7	82.3 - 113		8/24/2015	15:56
Pentafluorobenzene	98.5	91.1 - 110		8/24/2015	15:56
Toluene-D8	93.7	91.4 - 106		8/24/2015	15:56

Method Reference(s):

EPA 8260C

EPA 5030

Data File:

x25607.D

QC Batch ID:

voaw082415

QC Number:

1



QC Report for Laboratory Control Sample

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

S	<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	LCS %	<u>% Rec</u>	<u>LCS</u>	<u>Date</u>
<u>Analyte</u>	<u>Added</u>	<u>Units</u>	Result	Recovery	<u>Limits</u>	<u>Outliers</u>	<u>Analyzed</u>
1,1,1-Trichloroethane	20.0	ug/L	20.1	100	77.3 - 121		8/24/2015
1,1,2,2-Tetrachloroethane	20.0	ug/L	20.6	103	76.2 - 127		8/24/2015
1,1,2-Trichloroethane	20.0	ug/L	18.2	91.2	77.3 - 117		8/24/2015
1,1-Dichloroethane	20.0	ug/L	19.6	97.8	81.3 - 118		8/24/2015
1,1-Dichloroethene	20.0	ug/L	20.2	101	76.5 - 124		8/24/2015
1,2-Dichlorobenzene	20.0	ug/L	21.1	105	83.5 - 122		8/24/2015
1,2-Dichloroethane	20.0	ug/L	19.7	98.6	77 - 122		8/24/2015
1,2-Dichloropropane	20.0	ug/L	19.2	96.0	82.8 - 116		8/24/2015
1,3-Dichlorobenzene	20.0	ug/L	19.2	96.2	77.8 - 120		8/24/2015
1,4-Dichlorobenzene	20.0	ug/L	20.5	102	77.7 - 118		8/24/2015
Benzene	20.0	ug/L	21.0	105	84.4 - 122		8/24/2015
Bromodichloromethane	20.0	ug/L	19.5	97.4	78.3 - 119		8/24/2015
Bromoform	20.0	ug/L	17.8	89.2	60.8 - 117		8/24/2015
Bromomethane	20.0	ug/L	20.5	102	44.6 - 174		8/24/2015
Carbon Tetrachloride	20.0	ug/L	20.1	100	70.7 - 127		8/24/2015
Chlorobenzene	20.0	ug/L	19.8	99.0	81.9 - 118		8/24/2015



QC Report for Laboratory Control Sample

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

	<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	LCS %	% Rec	<u>LCS</u>	<u>Date</u>
<u>Analyte</u>	<u>Added</u>	<u>Units</u>	Result	Recovery	<u>Limits</u>	<u>Outliers</u>	<u>Analyzed</u>
Chloroethane	20.0	ug/L	20.7	104	76.7 - 134		8/24/2015
Chloroform	20.0	ug/L	20.3	101	83 - 119		8/24/2015
Chloromethane	20.0	ug/L	19.1	95.6	66.7 - 136		8/24/2015
cis-1,3-Dichloropropene	20.0	ug/L	23.2	116	89.2 - 133		8/24/2015
Dibromochloromethane	20.0	ug/L	19.1	95.5	67.2 - 121		8/24/2015
Ethylbenzene	20.0	ug/L	21.3	106	81.8 - 121		8/24/2015
Methylene chloride	20.0	ug/L	19.2	96.1	77.8 - 125		8/24/2015
Tetrachloroethene	20.0	ug/L	21.0	105	70.7 - 134		8/24/2015
Toluene	20.0	ug/L	20.6	103	82.4 - 118		8/24/2015
trans-1,2-Dichloroethene	20.0	ug/L	20.8	104	78.9 - 123		8/24/2015
trans-1,3-Dichloropropene	20.0	ug/L	21.4	107	73.5 - 126		8/24/2015
Trichloroethene	20.0	ug/L	20.4	102	81.7 - 122		8/24/2015
Trichlorofluoromethane	20.0	ug/L	19.0	94.9	68.8 - 133		8/24/2015
Vinyl chloride	20.0	ug/L	19.9	99.4	75.8 - 137		8/24/2015



QC Report for Laboratory Control Sample

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

Spike Spike LCS LCS% % Rec LCS Date

Analyte Analyte LCS Units Result Recovery Limits Outliers Analyzed

Method Reference(s):

EPA 8260C

EPA 5030

Data File:

x25606.D 1

QC Number:

Mumber.

QC Batch ID:

voaw082415



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

Analyte	Result	<u>Units</u>	Qualifier	Date Analyz	<u>zed</u>
1,1,1-Trichloroethane	<2.00	ug/L		8/25/2015	02:07
1,1,2,2-Tetrachloroethane	<2.00	ug/L		8/25/2015	02:07
1,1,2-Trichloroethane	<2.00	ug/L		8/25/2015	02:07
1,1-Dichloroethane	<2.00	ug/L		8/25/2015	02:07
1,1-Dichloroethene	<2.00	ug/L		8/25/2015	02:07
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/25/2015	02:07
1,2,4-Trichlorobenzene	<5.00	ug/L		8/25/2015	02:07
1,2-Dibromo-3-Chloropropane	<10.0	ug/L		8/25/2015	02:07
1,2-Dibromoethane	<2.00	ug/L		8/25/2015	02:07
1,2-Dichlorobenzene	<2.00	ug/L		8/25/2015	02:07
1,2-Dichloroethane	<2.00	ug/L		8/25/2015	02:07
1,2-Dichloropropane	<2.00	ug/L		8/25/2015	02:07
1,3-Dichlorobenzene	<2.00	ug/L		8/25/2015	02:07
1,4-Dichlorobenzene	<2.00	ug/L		8/25/2015	02:07
, 1,4-dioxane	<20.0	ug/L		8/25/2015	02:07
2-Butanone	<10.0	ug/L		8/25/2015	02:07
2-Hexanone	<5.00	ug/L		8/25/2015	02:07
4-Methyl-2-pentanone	<5.00	ug/L		8/25/2015	02:07
Acetone	<10.0	ug/L		8/25/2015	02:07
Benzene	<1.00	ug/L		8/25/2015	02:07
Bromochloromethane	<5.00	ug/L		8/25/2015	02:07
Bromodichloromethane	<2.00	ug/L		8/25/2015	02:07
Bromoform	<5.00	ug/L		8/25/2015	02:07
Bromomethane	<2.00	ug/L		8/25/2015	02:07
Carbon disulfide	<2.00	ug/L		8/25/2015	02:07
Carbon Tetrachloride	<2.00	ug/L		8/25/2015	02:07
Chlorobenzene	<2.00	ug/L		8/25/2015	02:07
Chloroethane	<2.00	ug/L		8/25/2015	02:07
Gaarot Containo					



Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics						
<u>Analyte</u>	Result	<u>Units</u>	Qualifier	Date Analyzed		
Chloroform	<2.00	ug/L		8/25/2015	02:07	
Chloromethane	<2.00	ug/L		8/25/2015	02:07	
cis-1,2-Dichloroethene	<2.00	ug/L		8/25/2015	02:07	
cis-1,3-Dichloropropene	<2.00	ug/L		8/25/2015	02:07	
Cyclohexane	<10.0	ug/L		8/25/2015	02:07	
Dibromochloromethane	<2.00	ug/L		8/25/2015	02:07	
Dichlorodifluoromethane	<2.00	ug/L		8/25/2015	02:07	
Ethylbenzene	<2.00	ug/L		8/25/2015	02:07	
Freon 113	<2.00	ug/L		8/25/2015	02:07	
Isopropylbenzene	<2.00	ug/L		8/25/2015	02:07	
m,p-Xylene	<2.00	ug/L		8/25/2015	02:07	
Methyl acetate	<2.00	ug/L		8/25/2015	02:07	
Methyl tert-butyl Ether	<2.00	ug/L		8/25/2015	02:07	
Methylcyclohexane	<2.00	ug/L		8/25/2015	02:07	
Methylene chloride	<5.00	ug/L		8/25/2015	02:07	
o-Xylene	<2.00	ug/L		8/25/2015	02:07	
Styrene	<5.00	ug/L		8/25/2015	02:07	
Tetrachloroethene	<2.00	ug/L		8/25/2015	02:07	
Toluene	<2.00	ug/L		8/25/2015	02:07	
trans-1,2-Dichloroethene	<2.00	ug/L		8/25/2015	02:07	
trans-1,3-Dichloropropene	<2.00	ug/L		8/25/2015	02:07	
Trichloroethene	<2.00	ug/L		8/25/2015	02:07	
Trichlorofluoromethane	<2.00	ug/L		8/25/2015	02:07	

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Page 42 of 59

< 2.00

ug/L

8/25/2015

02:07

Vinyl chloride



Method Blank Report

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

<u>Analyte</u>		<u>Result</u>	<u>Units</u>	<u>Qualifier</u>	Date Analy	<u>zed</u>
Surrogate		Percent Recovery	<u>Limits</u>	<u>Outliers</u>	<u>Date Anal</u>	<u>yzed</u>
1,2-Dichloroethane-d4		112	81.1 - 116		8/25/2015	02:07
4-Bromofluorobenzene		83.4	82.3 - 113		8/25/2015	02:07
Pentafluorobenzene		90.7	91.1 - 110	*	8/25/2015	02:07
Toluene-D8		88.9	91.4 - 106	*	8/25/2015	02:07
Method Reference(s):	EPA 8260C					

EPA 5030

Data File:

x25633.D

QC Batch ID:

voaq082415

QC Number:



QC Report for Laboratory Control Sample

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

	<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	LCS %	% Rec	<u>LCS</u>	<u>Date</u>
<u>Analyte</u>	<u>Added</u>	<u>Units</u>	<u>Result</u>	Recovery	<u>Limits</u>	<u>Outliers</u>	Analyzed
1,1,1-Trichloroethane	20.0	ug/L	19.4	97.2	77.3 - 121		8/25/2015
1,1,2,2-Tetrachloroethane	20.0	ug/L	21.1	105	76.2 - 127		8/25/2015
1,1,2-Trichloroethane	20.0	ug/L	19.4	96.9	77.3 - 117		8/25/2015
1,1-Dichloroethane	20.0	ug/L	18.8	94.1	81.3 - 118		8/25/2015
1,1-Dichloroethene	20.0	ug/L	19.2	96.0	76.5 - 124		8/25/2015
1,2-Dichlorobenzene	20.0	ug/L	18.8	93.8	83.5 - 122		8/25/2015
1,2-Dichloroethane	20.0	ug/L	21.0	105	77 - 122		8/25/2015
1,2-Dichloropropane	20.0	ug/L	17.7	88.3	82.8 - 116		8/25/2015
1,3-Dichlorobenzene	20.0	ug/L	16.4	82.0	77.8 - 120		8/25/2015
1,4-Dichlorobenzene	20.0	ug/L	18.1	90.7	77.7 - 118		8/25/2015
Benzene	20.0	ug/L	19.8	99.2	84.4 - 122		8/25/2015
Bromodichloromethane	20.0	ug/L	19.4	97.0	78.3 - 119		8/25/2015
Bromoform	20.0	ug/L	17.8	88.9	60.8 - 117		8/25/2015
Bromomethane	20.0	ug/L	17.6	88.1	44.6 - 174		8/25/2015
Carbon Tetrachloride	20.0	ug/L	19.7	98.3	70.7 - 127		8/25/2015
Chlorobenzene	20.0	ug/L	18.4	91.8	81.9 - 118		8/25/2015



QC Report for Laboratory Control Sample

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

<u>Spike</u>	<u>Spike</u>	<u>LCS</u>	LCS %	% Rec	<u>LCS</u>	<u>Date</u>
<u>Added</u>	<u>Units</u>	Result	Recovery	<u>Limits</u>	<u>Outliers</u>	Analyzed
20.0	ug/L	19.7	98.6	76.7 - 134		8/25/2015
20.0	ug/L	20.7	104	83 - 119		8/25/2015
20.0	ug/L	19.8	99.0	66.7 - 136		8/25/2015
20.0	ug/L	19.9	99.4	89.2 - 133		8/25/2015
20.0	ug/L	19.1	95.7	67.2 - 121		8/25/2015
20.0	ug/L	18.8	93.8	81.8 - 121		8/25/2015
20.0	ug/L	18.9	94.5	77.8 - 125		8/25/2015
20.0	ug/L	23.2	116	70.7 - 134		8/25/2015
20.0	ug/L	19.0	95.0	82.4 - 118		8/25/2015
20.0	ug/L	20.0	99.9	78.9 - 123		8/25/2015
20.0	ug/L	18.3	91.4	73.5 - 126		8/25/2015
20.0	ug/L	18.4	92.2	81.7 - 122		8/25/2015
20.0	ug/L	19.6	97.8	68.8 - 133		8/25/2015
20.0	ug/L	19.2	95.8	75.8 - 137		8/25/2015
	20.0 20.0 20.0 20.0 20.0 20.0 20.0 20.0	Added Units 20.0 ug/L	Added Units Result 20.0 ug/L 19.7 20.0 ug/L 20.7 20.0 ug/L 19.8 20.0 ug/L 19.9 20.0 ug/L 19.1 20.0 ug/L 18.8 20.0 ug/L 18.9 20.0 ug/L 23.2 20.0 ug/L 19.0 20.0 ug/L 20.0 20.0 ug/L 18.3 20.0 ug/L 18.4 20.0 ug/L 19.6	Added Units Result Recovery 20.0 ug/L 19.7 98.6 20.0 ug/L 20.7 104 20.0 ug/L 19.8 99.0 20.0 ug/L 19.9 99.4 20.0 ug/L 19.1 95.7 20.0 ug/L 18.8 93.8 20.0 ug/L 18.9 94.5 20.0 ug/L 23.2 116 20.0 ug/L 19.0 95.0 20.0 ug/L 20.0 99.9 20.0 ug/L 18.3 91.4 20.0 ug/L 18.4 92.2 20.0 ug/L 19.6 97.8	Added Units Result Recovery Limits 20.0 ug/L 19.7 98.6 76.7 - 134 20.0 ug/L 20.7 104 83 - 119 20.0 ug/L 19.8 99.0 66.7 - 136 20.0 ug/L 19.9 99.4 89.2 - 133 20.0 ug/L 19.1 95.7 67.2 - 121 20.0 ug/L 18.8 93.8 81.8 - 121 20.0 ug/L 18.9 94.5 77.8 - 125 20.0 ug/L 23.2 116 70.7 - 134 20.0 ug/L 19.0 95.0 82.4 - 118 20.0 ug/L 20.0 99.9 78.9 - 123 20.0 ug/L 18.3 91.4 73.5 - 126 20.0 ug/L 18.4 92.2 81.7 - 122 20.0 ug/L 19.6 97.8 68.8 - 133	Added Units Result Recovery Limits Outliers 20.0 ug/L 19.7 98.6 76.7 - 134 20.0 ug/L 20.7 104 83 - 119 20.0 ug/L 19.8 99.0 66.7 - 136 20.0 ug/L 19.9 99.4 89.2 - 133 20.0 ug/L 19.1 95.7 67.2 - 121 20.0 ug/L 18.8 93.8 81.8 - 121 20.0 ug/L 18.9 94.5 77.8 - 125 20.0 ug/L 23.2 116 70.7 - 134 20.0 ug/L 19.0 95.0 82.4 - 118 20.0 ug/L 20.0 99.9 78.9 - 123 20.0 ug/L 18.3 91.4 73.5 - 126 20.0 ug/L 18.4 92.2 81.7 - 122 20.0 ug/L 19.6 97.8 68.8 - 133



QC Report for Laboratory Control Sample

Client:

Haley & Aldrich

Project Reference:

35294-010

Lab Project ID:

153479

Matrix:

Groundwater

Volatile Organics

SpikeSpikeLCSLCS% RecLCSDateAnalyteAddedUnitsResultRecoveryLimitsOutliersAnalyzed

Method Reference(s):

EPA 8260C

EPA 5030

Data File:

x25632.D

1

QC Number:

QC Batch ID:

voaq082415



OC Report for Matrix Spike and Matrix Spike Duplicate

Client: Haley & Aldrich Lab Project ID: 153479

Project Reference: 35294-010

Lab Sample ID: 153479-02 **Date Sampled:** 8/17/2015

Sample Identifier: MW102-081715-1310 Date Received: 8/18/2015 Matrix:

Groundwater Date Analyzed: 8/25/2015

Volatile Organics

	<u>Sample</u>	Result	<u>MS</u>	<u>MS</u>	MS %	<u>MSD</u>	<u>MSD</u>	MSD %	<u>% Rec.</u>	<u>MS</u>	<u>MSD</u>	Relative	<u>RPD</u>	RPD
<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Added</u>	<u>Result</u>	Recovery	<u>Added</u>	<u>Result</u>	Recovery	<u>Limits</u>	<u>Outlier</u>	<u>Outlier</u>	% Diff.	<u>Limit</u>	<u>Outlier</u>
1,1,1-Trichloroethane	< 2.00	ug/L	50.0	47.6	95.1	50.0	48.3	96.6	77.3 - 121			1.50	17.6	
1,1,2,2-Tetrachloroethane	< 2.00	ug/L	50.0	52.1	104	50.0	52.3	105	76.2 - 127			0.336	16.7	
1,1,2-Trichloroethane	< 2.00	ug/L	50.0	46.3	92.7	50.0	46.9	93.8	77.3 - 117			1.16	16.6	
1,1-Dichloroethane	< 2.00	ug/L	50.0	45.8	91.6	50.0	47.8	95.6	81.3 - 118			4.34	14.8	
1,1-Dichloroethene	< 2.00	ug/L	50.0	46.7	93.3	50.0	49.4	98.8	76.5 - 124			5.65	19.2	
1,2-Dichlorobenzene	85.5	ug/L	50.0	122	72.4	50.0	124	76.9	83.5 - 122	*	*	6.10	14.5	
1,2-Dichloroethane	< 2.00	ug/L	50.0	50.6	101	50.0	50.5	101	77 - 122			0.288	18.2	
1,2-Dichloropropane	< 2.00	ug/L	50.0	45.4	90.8	50.0	47.0	94.0	82.8 - 116			3.53	14.3	
1,3-Dichlorobenzene	< 2.00	ug/L	50.0	40.9	81.8	50.0	42.6	85.1	77.8 - 120			3.95	15.8	
1,4-Dichlorobenzene	7.09	ug/L	50.0	49.8	85.5	50.0	51.7	89.3	77.7 - 118			4.32	14.9	
Benzene	< 1.00	ug/L	50.0	48.4	96.7	50.0	49.0	98.1	84.4 - 122			1.37	15.2	
Bromodichloromethane	< 2.00	ug/L	50.0	49.8	99.5	50.0	50.6	101	78.3 - 119			1.62	17.3	
Bromoform	< 5.00	ug/L	50.0	48.3	96.6	50.0	49.0	98.0	60.8 - 117			1.49	25.8	
Bromomethane	< 2.00	ug/L	50.0	37.4	74.8	50.0	40.8	81.7	44.6 - 174			8.80	55.5	

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.



QC Report for Matrix Spike and Matrix Spike Duplicate

Client: Haley & Aldrich Lab Project ID: 153479

Project Reference: 35294-010

Lab Sample ID: 153479-02 **Date Sampled:** 8/17/2015

Sample Identifier: MW102-081715-1310 Date Received: 8/18/2015

Matrix: Groundwater Date A via de 0/25/2015

Matrix: Groundwater Date Analyzed: 8/25/2015

Volatile Organics

	<u>Sample</u>	Result	<u>MS</u>	<u>MS</u>	MS %	<u>MSD</u>	MSD	MSD %	% Rec.	<u>MS</u>	<u>MSD</u>	<u>Relative</u>	<u>RPD</u>	<u>RPD</u>
<u>Analyte</u>	Result	<u>Units</u>	<u>Added</u>	Result	Recovery	<u>Added</u>	Result	Recovery	<u>Limits</u>	<u>Outlier</u>	<u>Outlier</u>	% Diff.	<u>Limit</u>	<u>Outlier</u>
Carbon Tetrachloride	< 2.00	ug/L	50.0	48.0	96.0	50.0	48.9	97.8	70.7 - 127			1.79	23.7	
Chlorobenzene	< 2.00	ug/L	50.0	43.8	87.7	50.0	44.9	89.7	81.9 - 118			2.33	13.5	
Chloroethane	< 2.00	ug/L	50.0	44.0	88.0	50.0	47.4	94.8	76.7 - 134			7.53	20.2	
Chloroform	< 2.00	ug/L	50.0	48.8	97.6	50.0	49.6	99.3	83 - 119			1.68	15.5	
Chloromethane	< 2.00	ug/L	50.0	49.3	98.6	50.0	50.8	102	66.7 - 136			3.00	24.7	
cis-1,3-Dichloropropene	< 2.00	ug/L	50.0	52.1	104	50.0	54.7	109	89.2 - 133			4.83	14.3	
Dibromochloromethane	< 2.00	ug/L	50.0	50.8	102	50.0	50.8	102	67.2 - 121			0.116	16.4	
Ethylbenzene	< 2.00	ug/L	50.0	48.4	96.7	50.0	50.1	100	81.8 - 121			3.52	15.2	
Methylene chloride	< 5.00	ug/L	50.0	46.2	92.3	50.0	48.7	97.3	77.8 - 125			5.26	20.9	
Tetrachloroethene	< 2.00	ug/L	50.0	44.8	89.5	50.0	45.0	89.9	70.7 - 134			0.474	26.9	
Toluene	< 2.00	ug/L	50.0	46.5	93.1	50.0	47.9	95.7	82.4 - 118			2.79	15.7	
trans-1,2-Dichloroethene	< 2.00	ug/L	50.0	46.9	93.8	50.0	49.2	98.4	78.9 - 123			4.80	18.8	
trans-1,3-Dichloropropene	< 2.00	ug/L	50.0	51.1	102	50.0	52.1	104	73.5 - 126			1.78	14.8	
Trichloroethene	< 2.00	ug/L	50.0	46.1	92.3	50.0	48.5	97.0	81.7 - 122			5.02	15.3	

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.



OC Report for Matrix Spike and Matrix Spike Duplicate

Client: **Haley & Aldrich** Lab Project ID: 153479

Date Sampled: 8/17/2015

Project Reference:

35294-010

Lab Sample ID:

Matrix:

153479-02

Sample Identifier:

MW102-081715-1310

Date Received: 8/18/2015 Groundwater Date Analyzed: 8/25/2015

Volatile Organics

	<u>Sample</u>	<u>Result</u>	<u>MS</u>	<u>MS</u>	MS %	<u>MSD</u>	<u>MSD</u>	MSD %	% Rec.	<u>MS</u>	<u>MSD</u>	Relative	RPD	RPD
<u>Analyte</u>	Result	<u>Units</u>	<u>Added</u>	Result	Recovery	<u>Added</u>	Result	Recovery	<u>Limits</u>	<u>Outlier</u>	<u>Outlier</u>	% Diff.	<u>Limit</u>	<u>Outlier</u>
Trichlorofluoromethane	< 2.00	ug/L	50.0	46.2	92.3	50.0	47.2	94.5	68.8 - 133			2.31	26.8	
Vinyl chloride	< 2.00	ug/L	50.0	47.9	95.7	50.0	50.1	100	75.8 - 137			4.62	20.1	

Method Reference(s):

EPA 8260C

EPA 5030

Data File(s):

x25635.D

x25636.D

x25634.D

1

OC Batch ID:

voaq082415

Any estimated values are displayed, and derived values calculated, based on numeric result only. See primary analytical report for data flags.

Adirondack Environmental Services, Inc

Date: 01-Sep-15

CLIENT:

Paradigm Environmental

Work Order:

150820008

Project:

Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127578

LCS	SeqNo: 1812556			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Т	tNo: SW905	c	RunNo: <i>127578</i>	, and the state of
	Samp ID: WC2-119-U ER							its: μg/g	_	lysis Date: 8/24/2015	
Analyte		<u>Result</u>	<u>PQL</u>	SPK value	SPK Ref Val	%REC	LowLimit	<u>HighLimit</u>	RPD Ref Val	%RPD RPDLimit	Qual
Sulfate		250.4	20.0	210	0	119	79.5	121	0	0	
DUP	SeqNo: 1812560						Tes	tNo: SW905	6	RunNo: 127578	
	Samp ID: 150722030-053						Un	its: μg/g	Ana	lysis Date: 8/24/2015	
Analyte		Result	<u>PQL</u>	SPK value	SPK Ref Val	%REC	LowLimit	<u>HighLimit</u>	RPD Ref Val	%RPD RPDLimit	Qual
Sulfate		99.03	2.00	0	0	0	0	0	95.63	3.49 20	Н
MBLK	SeqNo: 1812553	·					Tes	tNo: E300		RunNo: 127578	
	Samp ID: MBLK						Un	its: mg/L	Ana	lysis Date: 8/24/2015	
Analyte		<u>Result</u>	<u>PQL</u>	SPK value	SPK Ref Val	%REC	LowLimit	<u>HighLimit</u>	RPD Ref Val	%RPD RPDLimit	Qual
Sulfate		<	1.00								
LCS	SeqNo: 1812554	Annual Adams Albania		- 100 - 100			Tes	tNo: E300	-	RunNo: 127578	
	Samp ID: LCS						Un	its: mg/L	Ana	lysis Date: 8/24/2015	
Analyte		<u>Result</u>	<u>PQL</u>	SPK value	SPK Ref Val	%REC	LowLimit	<u>HighLimit</u>	RPD Ref Val	%RPD RPDLimit	Qual
Sulfate		42.57	10.0	40	0	106	90	110	0	0	
LCS	SeqNo: 1812575						Tes	tNo: E300		RunNo: 127578	
	Samp ID: LCS						Un	its: mg/L	Ana	lysis Date: 8/24/2015	
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit	Qual
Sulfate		42.27	10.0	40	0	106	90	110	0	0	
MS	SeqNo: 1812568		**************************************				Tes	tNo: E300		RunNo: 127578	
	Samp ID: 150820008-001b (1	153479-02)						its: mg/L	Ana	lysis Date: 8/24/2015	
	•	•									
<u>Analyte</u>		Result	<u>PQL</u>	SPK value	SPK Ref Val	%REC	C <u>LowLimit</u> <u>HighLimit</u> 08 83.7 11		RPD Ref Val	%RPD RPDLimit	Qual

 $[\]overline{ND}$ - Not Detected at the Reporting Limit \overline{J} - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Page 51 of 59

CLIENT:

Paradigm Environmental

Work Order:

150820008

Project:

Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127578

MSD	SeqNo: 1812569 Samp ID: 150820008-001b <i>(153479-02)</i>						tNo: E300 its: mg/L	Analy	RunNo: 1	<i>27578</i> /24/2015	
Analyte	Result	<u>PQL</u>	SPK value	SPK Ref Val	%REC	<u>LowLimit</u>	<u>HighLimit</u>	RPD Ref Val	%RPD	RPDLimit	<u>Qual</u>
Sulfate	16.0	2 2.00	10	5.26	108	83.7	117	16.05	0.172	20	

R - RPD outside accepted recovery limits

CLIENT:

Paradigm Environmental

Work Order:

150820008

Project:

Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127618

MBLK	SeqNo: 1813290		AL TOUR DESCRIPTION OF THE PROPERTY OF THE PRO				TestNo: E300	RunNo: 127618	
	Samp ID: MBLK						Units: mg/L	Analysis Date: 8/25/2015	
<u>Analyte</u> Sulfate		Result <	<u>PQL</u> 1.00	SPK value	SPK Ref Val	%REC	LowLimit HighLimit	RPD Ref Val %RPD RPDLimit	<u>Qual</u>
LCS	SeqNo: 1813291 Samp ID: LCS				RunNo: <i>127618</i> Analysis Date: 8/25/2015				
Analyte Sulfate		<u>Result</u> 38.42	<u>PQL</u> 10.0	SPK value 40	SPK Ref Val 0	<u>%REC</u> 96	LowLimit HighLimit 90 110	RPD Ref Val %RPD RPDLimit 0 0	Qual
LCS	SeqNo: 1813316 Samp ID: LCS						TestNo: E300 Units: mg/L	RunNo: 127618 Analysis Date: 8/25/2015	
Analyte Sulfate		<u>Result</u> 37.12	<u>PQL</u> 10.0	<u>SPK value</u> 40	SPK Ref Val 0	<u>%REC</u> 92.8	<u>LowLimit</u> <u>HighLimit</u> 90 110	RPD Ref Val %RPD RPDLimit 0 0	Qual
MS	SeqNo: 1813309 Samp ID: 150825016-012a				7/3		TestNo: E300 Units: mg/L	RunNo: 127618 Analysis Date: 8/25/2015	
Analyte Sulfate		Result 179	<u>PQL</u> 4.00	<u>SPK value</u> 20	<u>SPK Ref Val</u> 159.1	<u>%REC</u> 99.5	LowLimit HighLimit 83.7 117	RPD Ref Val %RPD RPDLimit 0 0	Qual
MSD	SeqNo: 1813310 Samp ID: 150825016-012a						TestNo: E300 Units: mg/L	RunNo: <i>127618</i> Analysis Date: <i>8/25/20</i> 15	
Analyte Sulfate		Result 176	<u>PQL</u> 4.00	SPK value 20	<u>SPK Ref Val</u> 159.1	<u>%REC</u> 84	LowLimit HighLimit 83.7 117	RPD Ref Val %RPD RPDLimit 179 1.74 20	Qual

CLIENT:

Paradigm Environmental

Work Order:

150820008

Project:

Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127653

MBLK	SeqNo: 1814043 Samp ID: MBLK							tNo: SM 53 - its: mg/L	_	RunNo: <i>127653</i> alysis Date: 8/26/2015	
Analyte Total Org	ganic Carbon	<u>Result</u> <	<u>PQL</u> 1.00	<u>SPK value</u> 0	SPK Ref Val 0	<u>%REC</u> 0	<u>LowLimit</u> 0	<u>HighLimit</u> 0	RPD Ref Val 0	<u>%RPD</u> <u>RPDLimit</u> 0	Qual
lcs	SeqNo: 1814028 Samp ID: LCS 30 mg/l							tNo: SM 53 - its: mg/L	_	RunNo: <i>127653</i> alysis Date: 8/26/2015	
Analyte Total Org	ganic Carbon	<u>Result</u> 28.61	<u>PQL</u> 1.00	<u>SPK value</u> 30	<u>SPK Ref Val</u> 0	<u>%REC</u> 95.4	LowLimit 87.4	<u>HighLimit</u> 115	RPD Ref Val 0	<u>%RPD</u> <u>RPDLimit</u> 0	Qual
dup	SeqNo: 1814032 Samp ID: 150820008-001							tNo: SM 53 - its: mg/L	- -	RunNo: <i>127653</i> alysis Date: 8/26/2015	
Analyte Total Org	ganic Carbon	<u>Result</u> 9.356	<u>PQL</u> 1.00	<u>SPK value</u> 0	SPK Ref Val 0	<u>%REC</u> 0	<u>LowLimit</u> 0	<u>HighLimit</u> 0	RPD Ref Val 9.268	%RPD RPDLimit 0.939 12.9	Qual



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

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All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"*" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.
"(1)" = Indicates data from primary column used for QC calculation.

GENERAL TERMS AND CONDITIONS LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written. between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to reperform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any

environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises. Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility. LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in Force Majeure. part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies

from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Page 55 of 59

Report Prepared Wednesday, September 02, 2015

CHAIN OF CUSTODY

				REPORT TO					INVOIÇE	: TO:			# 1 7 7	of 59
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CHAIN OF CUSTODY

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Headspace (<1 mL) Comments	□X vo A		
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179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311 CHAIN OF CUSTODY A

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APPENDIX C

Historical Data (2007-2014)



EA Project No.: 14474.05 Version: FINAL Table 1, Page 1 of 1 June 2012

TABLE 1 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2007

	Sample ID	8-24-084-MW	-01	8-28-084-MW-	08S	8-28-084-MW-	08D	8-24-084-MW	-09	8-24-084-MW	-10	NYSDEC Ambient
	Lab ID	0710091-005	Α	0710091-002	Α	0710091-003	A	0710091-004	Α	0710091-001	Α	Water Quality
	Sample Type	Groundwate	r	Groundwate	r	Groundwate	r	Groundwate	r	Groundwate	r	Standard
Parameter List USEPA Method 8260B	Sample Type	10/11/2007		10/11/2007		10/11/2007		10/11/2007		10/11/2007		Class GA (ug/L)
	μg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(μg/L) 50 (g)
Acetone Benzene	μg/L μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	1.19	U	(<0.5)	U	1 (s)
Chlorobenzene	μg/L μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Chloroethane	μg/L μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)
cis-1,2-Dichloroethene	μg/L μg/L	0.5		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
1,4- Dichlorobenzene	μg/L	2.13		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,3- Dichlorobenzene	μg/L	0.51		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,2- Dichlorobenzene	μg/L	1.7		(<0.5)	U	(<0.5)	U	2.6	_	(<0.5)	U	3 (s)
1,1- Dichloroethane	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	5.77		(<0.5)	U	5 (s)
1,2- Dichloropropane	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	1 (s)
Ethylbenzene	μg/L	0.1	J	(<0.5)	U	(<0.5)	U	1.38		(<0.5)	U	5 (s)
Isopropylbenzene	μg/L	0.24	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Methyl tert-butyl ether	μg/L	(<1)	U	(<1)	U	(<1)	U	0.69		(<1)	U	
Methylene chloride	μg/L	(<2)	U	(<2)	U	(<2)	U	(<2)	U	(<2)	U	5 (s)
Tetrachloroethene	μg/L	3.06		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Toluene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Trichloroethene	μg/L	0.23	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Xylenes (total)	μg/L	(<1)	U	(<1)	U	(<1)	U	1.94		(<1)	U	5 (s)
	1				(n)							
	Sample ID	8-24-084-GP-	.09	8-24-084-Dup	o ^(a)	Trip Blank						NYSDEC Ambient
	Sample ID Lab ID	8-24-084-GP- 0710091-006		8-24-084-Dup 0710091-007		Trip Blank 0710091-008						Water Quality
P I.	•		A		Α		A					Water Quality Standard
Parameter List	Lab ID Sample Type	0710091-006 Groundwate	iA er	0710091-007 Groundwate	A	0710091-008 Groundwate	A					Water Quality Standard Class GA
USEPA Method 8260B	Lab ID Sample Type Sample Date	0710091-006 Groundwate 10/11/2007	A	0710091-007 Groundwate 10/11/2007	A r	0710091-008 Groundwate 6/26/2007	A r					Water Quality Standard Class GA (µg/L)
USEPA Method 8260B Acetone	Lab ID Sample Type Sample Date µg/L	0710091-006 Groundwate 10/11/2007 5.16	iA er	0710091-007 Groundwate 10/11/2007 1.03	A r J	0710091-008 Groundwate 6/26/2007 (<10)	A r					Water Quality Standard Class GA (µg/L) 50 (g)
USEPA Method 8260B Acetone Benzene	Lab ID Sample Type Sample Date µg/L µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16	A	0710091-007 Groundwate 10/11/2007 1.03 (<0.5)	A r J U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5)	A r U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59	A J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5)	A r J U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5)	A r U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58	J J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5)	r J U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5)	A r U U U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L	0710091-006 Groundwate 10/11/2007 5.16 0.59 0.58 0.22	A J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5)	J U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<1) (<0.5)	T U U U U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8	J J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5)	A r U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<1) (<0.5) (<0.5)	A U U U U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene	Lab ID Sample Type Sample Date µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5)	J J J U	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5)	J U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5)	A U U U U U U U U U U					Water Quality Standard Class GA (ug/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,3- Dichlorobenzene 1,2- Dichlorobenzene	Lab ID Sample Type Sample Date µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70	J J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A r U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A T T T T T T T T T T T T T T T T T T T					Water Quality Standard Class GA (ug/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5)	J J J U	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5)	J U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5)	A U U U U U U U U U U					Water Quality Standard Class GA (ug/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	0710091-006 Groundwate 10/11/2007 5.116 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68	J J J U D	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	J U U U U U U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	T U U U U U U U U U U U U U U U U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chlorobenzene cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichlorobenzene 1,1- Dichloropenzene 1,1- Dichloropenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68 0.27	J J J U D	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	J U U U U U U U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A T T U U U U U U U U U U U U U U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s) 5 (s) 1 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichloroethane 1,1- Dichloropenzene 1,1- Dichloropenzene 1,1- Dichloropenzene 1,2- Dichloropenzene	Lab ID Sample Type Sample Date µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68 0.27 6.03	J J J U D	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	J U U U U U U U U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	Y U U U U U U U U U U U U U U U U U U U					Water Quality Standard Class GA (ug/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s) 1 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichloroethane 1,2- Dichloropropane Ethylbenzene Isopropylbenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68 0.27 6.03 0.84	J J J U D	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A r U U U U U U U U U U U U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	U					Water Quality Standard Class GA (ug/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene 1,1- Dichloroethane 1,1- Dichloroethane 1,2- Dichloropropane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68 0.27 6.03 0.84 1.73	A J J J U D D J J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A J U U U U U U U U U U U U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	Y U U U U U U U U U U U U U U U U U U U					Water Quality Standard Class GA (ug/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s) 1 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chloroethane cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,3- Dichlorobenzene 1,1- Dichlorobenzene 1,1- Dichloroethane 1,2- Dichloropenzene 1,1- Dichloropenzene 1,2- Dichloropenzene Methyl tert-butyl ether Methylene chloride	Lab ID Sample Type Sample Date µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68 0.27 6.03 0.84 1.73 0.15	J J J U D D J J J J J J J J J J J J J J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A r U U U U U U U U U U U U U U U U U U	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A r U U U U U U U U U U U U U U U U U U					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 3 (s) 3 (s) 3 (s) 5 (s) 1 (s) 5 (s) 5 (s) 5 (s)
USEPA Method 8260B Acetone Benzene Chlorobenzene Chlorobenzene cis-1,2-Dichloroethene 1,4- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichlorobenzene 1,1- Dichlorobenzene 1,1- Dichloropenzene 1,1- Dichloropenzene 1,2- Dichloropropane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether Methylene chloride Tetrachloroethene	Lab ID Sample Type Sample Date µg/L µg/L	0710091-006 Groundwate 10/11/2007 5.16 1.16 0.59 0.58 0.22 1.8 (<0.5) 46.70 1.68 0.27 6.03 0.84 1.73 0.15 (<0.5)	J J J U D D J J J J J J J J J J J J J J	0710091-007 Groundwate 10/11/2007 1.03 (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	J	0710091-008 Groundwate 6/26/2007 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A					Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s) 1 (s) 5 (s)

(a) Duplicate was collected at 8-28-084-MW-08S

NOTE: USEPA = United States Environmental Protection Agency

NYSDEC = New State Department of Environmental Conservation

 $\mu g/L$ = Micrograms per Liter

= The analyte was analyzed for, but was not detected above the sample reporting limit. U

= Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. = Dilution

Analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.

Only analytes that had at least one detection from the data set are shown.

Bold values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

Project No.: 14474.05 Version: FINAL Table 2, Page 1 of 1 June 2012

TABLE 2 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2008

	Sample ID	8-24-084-MW	-01	8-28-084-MW-	08S	8-28-084-MW-	08D	8-24-084-MW	-09	8-24-084-MW	V-10	NYSDEC Ambient
	Lab ID	0810111-001	Α	0810111-002	A	0810111-003	3A	0810111-004	A	0810111-00	6A	Water Quality
Parameter List	Sample Type	Groundwate	er	Groundwate	r	Groundwate	er	Groundwate	r	Groundwat	er	Standard Class GA
USEPA Method 8260B	Sample Date	10/14/2008	3	10/14/2008		10/14/2008	3	10/14/2008		10/14/200	8	(µg/L)
Acetone	μg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(<10)	U	50 (g)
Benzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	1 (s)
1,2- Dibromo-3-chloropropane	μg/L	(<5)	U	(<5)	U	(<5)	U	(<5)	U	(<5)	U	0.04 (s)
1,4- Dichlorobenzene	μg/L	0.51		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,2- Dichlorobenzene	μg/L	0.25	J	(<0.5)	U	(<0.5)	U	0.16	J	(<0.5)	U	3 s)
1,1- Dichloroethane	μg/L	0.24	J	(<0.5)	U	(<0.5)	U	2.7		(<0.5)	U	5 (s)
cis-1,2- Dichloroethene	μg/L	0.26	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Ethylbenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Methyl tert-butyl ether	μg/L	(<1)	U	(<1)	U	(<1)	U	0.75	J	(<1)	U	
Tetrachloroethene	μg/L	1.72		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Toluene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Trichloroethene	μg/L	0.24	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
		(1)			~ ~		~~		**	(1)	**	5 ()
Xylenes (total)	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)
Xylenes (total)				` ′	_			(<1)	U	(<1)	U	5 (s)
Xylenes (total)	μg/L Sample ID	(<1) 8-24-084-GP-		(<1) 8-24-084-Dup	_	(<1) Trip Blank		(<1)	U	(<1)	<u>l</u> u	NYSDEC Ambient
Xylenes (total)			.09	` ′) ^(a)			(<1)	U	(<1)] U	NYSDEC Ambient Water Quality
	Sample ID	8-24-084-GP-	-09 5A	8-24-084-Dup	o ^(a)	Trip Blank	BA	(<1)	U	(<1)	Į U	NYSDEC Ambient Water Quality Standard
Parameter List	Sample ID Lab ID Sample Type	8-24-084-GP- 0810111-005 Groundwate	-09 5A er	8-24-084-Dup 0810111-007 Groundwate	o ^(a) 'A	Trip Blank 0810111-008 Groundwate	BA er	(<1)	U	(<1)	10	NYSDEC Ambient Water Quality Standard Class GA
Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-GP- 0810111-005 Groundwate 10/14/2008	-09 5A er	8-24-084-Dup 0810111-007 Groundwate 10/14/2008	o ^(a) 'A	Trip Blank 0810111-008 Groundwate 10/14/2008	BA er	(<1)	0	(<1)	U	NYSDEC Ambient Water Quality Standard Class GA (µg/L)
Parameter List USEPA Method 8260B Acetone	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51	-09 5A er	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10)	o ^(a) 'A	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10)	BA er U	(<1)	U	(<1)	U	NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g)
Parameter List USEPA Method 8260B Acetone Benzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35	5A er J J	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5)	PA U U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5)	BA er U U U	(<1)	U	(<1)	U	NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42	-09 5A er	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5)	O(a) VA	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5)	BA U U U U	(<1)	U	(<1)	U	NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44	09 5A er 3 J J J J	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5)	D(a) VA er U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5)	BA er U U U	(<1)	U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,2- Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42	09 5A er 3 J J J J	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87	D(a) A Pr U U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5) (<0.5)	BA U U U U U U	(<1)	0	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44 9.36 0.61	09 5A er 3 J J J J	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87 0.48	D(a) A Br U U U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5) (<0.5)	BA U U U U U U	(<1)	0	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44 9.36	609 5A er 3 J J J	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87 0.48 0.29	D(a) A Br U U U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5) (<0.5)	BA BY U U U U U U U	(<1)		(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene Ethylbenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44 9.36 0.61 (<0.5)	609 5A er 3 J J J	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87 0.48 0.29 0.73	PA	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5) (<0.5) (<0.5)	BA BY U U U U U U U U U U U U U	(<1)		(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene Ethylbenzene Methyl tert-butyl ether	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44 9.36 0.61 (<0.5) 0.71	5A er 3 J J J J U U	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87 0.48 0.29 0.73 (<0.5)	A U U U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	BA U U U U U U U U U U U U U U U	(<1)		(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,1- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene Ethylbenzene Methyl tert-butyl ether Tetrachloroethene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44 9.36 0.61 (<0.5) 0.71 (<1)	09 55A 55	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87 0.48 0.29 0.73 (<0.5) (<1)	A U U U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	8 U U U U U U U U U U U U U U U U U U U	(<1)		(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 (s) 5 (s) 5 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 1,2- Dibromo-3-chloropropane 1,4- Dichlorobenzene 1,2- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene Ethylbenzene Methyl tert-butyl ether	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate 10/14/2008 4.51 0.35 5.42 0.44 9.36 0.61 (<0.5) 0.71 (<1) (<0.5)	09 55A 55	8-24-084-Dup 0810111-007 Groundwate 10/14/2008 (<10) (<0.5) (<5) 0.87 0.48 0.29 0.73 (<0.5) (<1) 1.8	(a) (b) (a) (b) (b) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	Trip Blank 0810111-008 Groundwate 10/14/2008 (<10) (<0.5) (<5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	BA	(<1)		(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 0.04 (s) 3 (s) 3 (s) 5 (s) 5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

USEPA = United States Environmental Protection Agency

NYSDEC = New State Department of Environmental Conservation

= Micrograms per Liter

μg/L U = The analyte was analyzed for, but was not detected above the sample reporting limit.

= Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

Analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.

Only analytes that had at least one detection from the data set are shown.

Bold values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

Project No.: 14474.05 Version: FINAL Table 3, Page 1 of 1 June 2012

5 (s)

TABLE 3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER APRIL 2009

	Sample ID	8-24-084-MW-		8-28-084-MW-		8-28-084-MW-		8-24-084-MW-		8-24-084-MW-		MAGDEC 4 1:
	Lab ID	0810111-001	A	0810111-002	A	0810111-003	A	0810111-004	A	0810111-006	A	NYSDEC Ambient Water Quality
Parameter List	Sample Type	Groundwate	r	Groundwate	r	Groundwate	r	Groundwater	r	Groundwater	r	Standard Class GA
USEPA Method 8260B	Sample Date	4/22/2009		4/22/2009		4/22/2009		4/22/2009		4/22/2009		(µg/L)
Acetone	μg/L	2.01	J	(<10)	U	2.53	J	1	J	(<10)	U	50 (g)
Benzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	0.51		(<0.5)	U	1 (s)
2- Butanone	μg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(<10)	U	
Carbon disulfide	μg/L	(<0.5)	U	(<0.5)	U	0.12	J	(<0.5)	U	(<0.5)	U	
Chloroethane	μg/L	(<1)	UJ	(<1)	UJ	(<1)	UJ	(<1)	UJ	(<1)	UJ	5 (s)
Chloroform	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	0.52		7 (s)
1,2- Dichlorobenzene	μg/L	1.71		(<0.5)	U	(<0.5)	U	2.92		(<0.5)	U	3 (s)
1,3- Dichlorobenzene	μg/L	0.47	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,4- Dichlorobenzene	μg/L	2.3		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,1- Dichloroethane	μg/L	0.63		(<0.5)	U	(<0.5)	U	3.42		(<0.5)	U	5 (s)
cis-1,2- Dichloroethene	μg/L	3.43		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
1,2- Dichloropropane	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	0.16	J	(<0.5)	U	5 (s)
Ethylbenzene	μg/L	0.5		(<0.5)	U	(<0.5)	U	1.05		(<0.5)	U	5 (s)
Isopropylbenzene	μg/L	0.12	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Methyl tert-butyl ether	μg/L	(<1)	U	(<1)	U	(<1)	U	0.52	J	(<1)	U	10 (g)
4- Methyl-2-pentanone	μg/L	(<5)	U	(<5)	U	(<5)	U	(<5)	U	(<5)	U	
Methylene chloride	μg/L	(<2)	U	(<2)	U	(<2)	U	(<2)	U	(<2)	U	5 (s)
Tetrachloroethene	μg/L	2.51		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Toluene	μg/L	0.12	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Trichloroethene	μg/L	0.36	J	(<0.5)	U	(<0.5)	U	(<0.5) 1.34	U	(<0.5)	U	5 (s)
Xylenes (total)	μg/L	1.4		(<1)	U	(<1)				(<1)		5 (s)
	1.0/			(12)		(12)		1.54		(<1)	U	5 (5)
			09					1.54		(<1)		
	Sample ID Lab ID	8-24-084-GP- 0810111-005		8-28-084-Dup0 0904141-007)1 ^(a)	Trip Blank 0810111-008		1.54		(<1)		NYSDEC Ambient Water Quality
	Sample ID	8-24-084-GP-	A	8-28-084-Dup0)1 ^(a)	Trip Blank	A	1.54			0	NYSDEC Ambient Water Quality Standard
Parameter List	Sample ID Lab ID Sample Type	8-24-084-GP- 0810111-005	A	8-28-084-Dup0 0904141-007)1 ^(a)	Trip Blank 0810111-008 Groundwate	A	1.04			U	NYSDEC Ambient Water Quality Standard Class GA
	Sample ID Lab ID	8-24-084-GP- 0810111-005 Groundwater	A	8-28-084-Dup0 0904141-007 Groundwate)1 ^(a)	Trip Blank 0810111-008	A	1.07			U	NYSDEC Ambient Water Quality Standard
Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-GP-0810111-005 Groundwate: 4/22/2009	A r	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009)1 ^(a) A	Trip Blank 0810111-008 Groundwate 4/22/2009	A r	1.04		(d)		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
Parameter List USEPA Method 8260B Acetone	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP-0810111-005 Groundwate: 4/22/2009 7.92	A r	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45)1 ^(a) A r	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10)	A r	1.04		(d)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g)
Parameter List USEPA Method 8260B Acetone Benzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate: 4/22/2009 7.92 1.22	A r	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5))1 ^(a) A r	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5)	A r U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L	8-24-084-GP- 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16	A r	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10))1 ^(a) A r U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<10)	A r U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5)	A r J J U	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5))1 ^(a) A r U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<10) (<0.5)	A r U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04	J J U J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1))1 ^(a) A r U U U U UJ	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<10) (<0.5) (<1)	A r U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5)	J J U U U	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5))1 ^(a) A r U U U U UJ	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<10) (<0.5) (<1) (<0.5)	A r U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 3.16 (<0.5) 1.04 (<0.5) 73.2	J J U J U D	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5))1 ^(a) A r U U U U UJ	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<0.5) (<1) (<0.5) (<0.5) (<0.5)	A r U U U U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12	J J U J U D	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5)1 ^(a) A r U U U U UJ	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5)	A U U U U U U U U U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene 1,4- Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP+ 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19	A r J J U D J J J J J J J J J J J J J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42	D1 ^(a) A r U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A r U U U U U U U U U U U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene 1,4- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene 1,2- Dichloropropane	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP+ 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26	A r	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5))1 ^(a) A r U U U U UJ	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A	1.54				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene 1,4- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethene 1,2- Dichloropropane Ethylbenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47	A r J J U D J J J J J J J J J J J J J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51	D1 ^(a) A r U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,4- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethane cis-1,2- Dichloroethene 1,2- Dichloropropane Ethylbenzene Isopropylbenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47 0.89	A r J J U D J J J J J J J J J J J J J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51 0.13	D1 ^(a) A r U U U U U U U J U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A U U U U U U U U U U U U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethane cis-1,2- Dichloropropane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP-1 0810111-005 Groundwate 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47 0.89 1.34	A J J U J J J J J J J J J J J J J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51 0.13 (<1)	D1(a) A r U U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A U U U U U U U U U U U U U U U U U U U	1.04				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s) 10 (g)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethane cis-1,2- Dichloropropane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether 4- Methyl-2-pentanone	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-GP-1 0810111-005 Groundwate 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47 0.89 1.34 1.09	J U J U D J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51 0.13 (<1) (<5)	D1 ^(a) A r U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A r U U U U U U U U U U U U U U U U U U	1.54				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 3 (s) 5 (s) 5 (s) 5 (s) 5 (s) 10 (g)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,4- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethane cis-1,2- Dichloropropane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether 4- Methyl-2-pentanone Methylene chloride	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47 0.89 1.34 1.09 0.27	A T J U J U D J J J J J J J J J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51 0.13 (<1) (<5)	D1(a) A r U U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A	1.54				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,3- Dichlorobenzene 1,4- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethane cis-1,2- Dichloropenane Ethylbenzene 1,2- Dichloroppane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether 4- Methyl-2-pentanone Methylene chloride Tetrachloroethene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47 0.89 1.34 1.09 0.27 (<0.5)	J U J U D J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51 0.13 (<1) (<5) 0.18 2.68	D1 ^(a) A r U U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A	1.54				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 5 (s)
Parameter List USEPA Method 8260B Acetone Benzene 2- Butanone Carbon disulfide Chloroethane Chloroform 1,2- Dichlorobenzene 1,4- Dichlorobenzene 1,1- Dichloroethane cis-1,2- Dichloroethane cis-1,2- Dichloropropane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether 4- Methyl-2-pentanone Methylene chloride	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-GP-1 0810111-005 Groundwate: 4/22/2009 7.92 1.22 3.16 (<0.5) 1.04 (<0.5) 73.2 0.12 3.27 1.77 0.19 0.26 7.47 0.89 1.34 1.09 0.27	A T J U J U D J J J J J J J J J J J J	8-28-084-Dup0 0904141-007 Groundwate 4/22/2009 1.45 (<0.5) (<10) (<0.5) (<1) (<0.5) 1.83 0.5 2.43 0.62 3.42 (<0.5) 0.51 0.13 (<1) (<5)	D1 ^(a) A r U U U U U U U U U U U U U U U U U	Trip Blank 0810111-008 Groundwate 4/22/2009 (<10) (<0.5) (<1) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	A	1.54				NYSDEC Ambient Water Quality Standard Class GA (µg/L) 50 (g) 1 (s) 5 (s) 7 (s) 3 (s) 3 (s) 5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

Xylenes (total)

NOTE: USEPA = United States Environmental Protection Agency

NYSDEC = New State Department of Environmental Conservation

μg/L

 $\mu \, g/L$ = Micrograms per Liter

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

37.9

= Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

= Dilution

Analytical data results provided by Life Science Laboratories. Data Validation completed by Environmental Data Validation, Inc.

Only analytes that had at least one detection from the data set are shown.

Bold values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

1.46

(<1)

TABLE 4 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER DECEMBER 2010

	Sample ID	8-24-084-MW-	-01	8-28-084-MW-0	08S	8-28-084-MW-()8D	8-24-084-MW-	10	8-24-084-MW-	11	
	Lab ID	K1012255-003		K1012255-004		K1012255-005		K1012255-002		K1012255-006		NYSDEC Ambient
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		Water Quality
Parameter List	Sample Date	12/22/2010		12/22/2010		12/22/2010		12/22/2010		12/22/2010		Standard Class GA
USEPA Method 8260B 1,1-Dichloroethane	µg/L	0.25	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(μg/L) 5 (s)
1,2-Dichlorobenzene	μg/L	0.8		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,3-Dichlorobenzene	μg/L	0.39	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,4-Dichlorobenzene	μg/L	1.92		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
2-Butanone	μg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(<10)	U	
4-Methyl-2-pentanone	μg/L	(<5)	U	(<5)	U	(<5)	U	(<5)	U	(<5)	U	
Acetone	μg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(<10)	U	50 (g)
Benzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	1 (s)
Bromodichloromethane	μg/L	(<0.5)	U	(<0.5)	U	0.15	J	0.46	J	(<0.5)	U	50 (g)
Chlorobenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Chloroethane	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)
Chloroform	μg/L	(<0.5)	U	(<0.5)	U	0.19	J	2.87		(<0.5)	U	7 (s)
cis-1,2-Dichloroethene	μg/L	0.28	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Dibromochloromethane	μg/L	(<0.5)	U	(<0.5)	U	1.31		(<0.5)	U	(<0.5)	U	50 (s)
Dichlorodifluoromethane	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)
Ethylbenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Isopropylbenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5(s)
Methyl tert-butyl ether	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	10 (g)
Methylene chloride	μg/L	(<2)	U	(<2)	U	(<2)	U	(<2)	U	(<2)	U	5 (s)
Tetrachloroethene	μg/L	1.91		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Toluene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	0.13	J	5 (s)
Trichloroethene	μg/L	0.56		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Xylenes (total)	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)
	Sample ID	8-24-084-MW-	-12	8-24-084-GP-)9	8-28-084-MW-D	UP ^(a)	Trip Blank				
	Sample ID			8-24-084-GP-0		8-28-084-MW-D K1012255-008		Trip Blank K1012255-009	ıA			NYSDEC Ambient
	Lab ID	K1012255-007	7A	K1012255-001	Α	K1012255-008	3A	K1012255-009				NYSDEC Ambient Water Quality
Parameter List	Lab ID Sample Type	K1012255-007 Groundwater	7A r	K1012255-001 Groundwater	Α	K1012255-008 QA/QC Duplic	3A	K1012255-009 QA/QC Trip Bla				Water Quality Standard Class GA
USEPA Method 8260B	Lab ID Sample Type Sample Date	K1012255-007 Groundwater 12/22/2010	7A r	K1012255-001 Groundwater 12/22/2010	Α	K1012255-008 QA/QC Duplic 12/22/2010	3A ate	K1012255-009 QA/QC Trip Bla 12/22/2010	ank			Water Quality Standard Class GA (µg/L)
USEPA Method 8260B 1,1-Dichloroethane	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwates 12/22/2010 (<0.5)	7A r	K1012255-001 Groundwater 12/22/2010 2.46	Α	K1012255-008 QA/QC Duplic 12/22/2010 0.25	3A	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5)	ank U			Water Quality Standard Class GA (µg/L) 5 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5)	7A r U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2	A .	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71	3A ate	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5)	u U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L	K1012255-007 Groundwater 12/22/2010 (<0.5) (<0.5) (<0.5)	r U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17	Α	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39	3A ate	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5)	U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L	K1012255-007 Groundwates 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5)	7A r U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53	A J	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87	BA ate	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5)	U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L	K1012255-007 Groundwates 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	7A r U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33	A J J	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10)	BA ate	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone	Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	K1012255-007 Groundwate 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<5)	7A T U U U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05	A J J	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5)	BA ate	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<5) (<10)	7A U U U U U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71	A J J	X1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10)	ate J J U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<5) (<10)	U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<5)	7A 1 1 1 1 1 1 1 1 1 1 1 1 1	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44	A J J J J J J	X1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5)	J J U U U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5)	U U U U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene Bromodichloromethane	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<5) (<10) (<0.5)	7A 1 1 1 1 1 1 1 1 1 1 1 1 1	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44 (<0.5)	A J J	X1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5) (<0.5)	J J U U U U U U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5)	U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene Bromodichloromethane Chlorobenzene	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<10) (<0.5) (<0.5)	7A U U U U U U U U U U U U U U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44 (<0.5) 0.75	J J J J U	X1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5) (<0.5)	ate J J U U U U U U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<0.5)	U U U U U U U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroethane	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<10) (<0.5) (<0.5) (<10) (<0.5)	7A U U U U U U U U U U U U U U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44 (<0.5) 0.75 0.61	J J J J U	X1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5) (<0.5) (<0.5)	ate J J U U U U U U U U U U U U U U U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<10) (<0.5) (<10) (<0.5)	U U U U U U U U U U U U U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 5 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<10) (<0.5) (<0.5) (<0.5)	7A r U U U U U U U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44 (<0.5) 0.75 0.61 0.38	J J J J U	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<0.5)	ate J J U U U U U U U U U U U U U U U U U	Color Colo	U U U U U U U U U U U U U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s)
USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene	Lab ID Sample Type Sample Date µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	TA U U U U U U U U U U U U U U U U U U U	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44 (<0.5) 0.75 0.61 0.38 0.12	A J J J J J J J J J J J J J	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<0.5)	ate J J U U U U U U U U U U U U U U U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<10) (<0.5) (<0.5) (<0.5)	U U U U U U U U U U U U U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s)
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USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone 4-Methyl-2-pentanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroethane Chloroform cis-1,2-Dichloroethene Dibromochloromethane Ethylbenzene Isopropylbenzene Methyl tert-butyl ether Methylene chloride Tetrachloroethene Toluene	Lab ID Sample Type Sample Date µg/L µg/L	K1012255-007 Groundwate: 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	7A	K1012255-001 Groundwater 12/22/2010 2.46 80.2 0.17 3.53 1.33 1.05 9.71 1.44 (<0.5) 0.75 0.61 0.38 0.12 (<0.5) (<1) 6.7 1.4 1.51 0.39 0.11	J J J J U	K1012255-008 QA/QC Duplic 12/22/2010 0.25 0.71 0.39 1.87 (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5)	ate J J U U U U U U U U U U U U U U U U U	K1012255-009 QA/QC Trip Bla 12/22/2010 (<0.5) (<0.5) (<0.5) (<10) (<5) (<10) (<0.5) (<0.5) (<0.5) (<10) (<0.5) (<0.5) (<10) (<0.5) (<0.5) (<10) (<0.5) (<10) (<0.5) (<1) 0.13 (<0.5) (<0.5) (<1) (<0.5) (<1) (<0.5) (<1) (<0.5)	U U U U U U U U U U U U U U U U U U U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s)
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(a) Duplicate was collected at 8-28-084-MW-01

NOTE: USEPA = United States Environmental Protection Agency

NYSDEC = New State Department of Environmental Conservation

µg/L = Micrograms per Liter

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

QA/QC = Quality Assurance/Quality Control

Analytical data results provided by Life Science Laboratories.

Only analytes that had at least one detection from the data set are shown.

Bold values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

Project No.: 14474.05 Version: FINAL Table 5, Page 1 of 1 June 2012

TABLE 5 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2011

	Sample ID	8-24-084-MW	-01	8-28-084-MW-	08S	8-28-084-MW-0	08D	8-24-084-MW-	10	8-24-084-MW-	11	
	Lab ID	K1012255-00	3A	K1012255-004	4A	K1012255-005	5A	K1012255-002	2A	K1012255-006	iΑ	NYSDEC Ambient
	Sample Type	Groundwate	r	Groundwate	r	Groundwate	r	Groundwater		Groundwater		Water Quality
Parameter List USEPA Method 8260B	Sample Date	10/25/2011		10/25/2011		10/25/2011		10/25/2011		10/25/2011		Standard Class GA (µg/L)
1,1-Dichloroethane	µg/L	0.18	I	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
1,2-Dichlorobenzene	μg/L	0.56		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,3-Dichlorobenzene	μg/L	0.26		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
1,4-Dichlorobenzene	μg/L	1.19		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	3 (s)
2-Butanone	μg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U	(<10)	U	
Acetone	μg/L	8		(<10)	U	(<10)	U	(<10)	U	(<10)	U	50 (g)
Benzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	1 (s)
Bromodichloromethane	μg/L	(<0.5)	U	(<0.5)	U	0.15	J	0.38		(<0.5)	U	50 (g)
Chlorobenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Chloroform	μg/L	(<0.5)	U	(<0.5)	U	0.19	J	1.22		(<0.5)	U	7 (s)
cis-1,2-Dichloroethene	μg/L	0.17		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Dibromochloromethane	μg/L	(<0.5)	U	(<0.5)	U	1.31		(<0.5)	U	(<0.5)	U	50 (s)
Dichlorodifluoromethane	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)
Ethylbenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Isopropylbenzene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5(s)
Methyl tert-butyl ether	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	10 (g)
Tetrachloroethene	μg/L	1.54		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Toluene	μg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	0.13	J	5 (s)
Trichloroethene	μg/L	0.43		(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	5 (s)
Xylenes (total)	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)		(4)	U	5 (s)
, (ισιαι)	μg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (8)
(0000)						` '		` '	U	(<1)	U	3 (8)
y	Sample ID Lab ID	8-24-084-MW K1012255-00	-12	8-24-084-GP- K1012255-00	09	8-28-084-MW-D K1012255-008	UP ^(a)	(<1) Trip Blank K1012255-009		(<1)	U	
(om)	Sample ID Lab ID	8-24-084-MW K1012255-00	-12 7A	8-24-084-GP- K1012255-00	09 1A	8-28-084-MW-D K1012255-008	UP ^(a)	Trip Blank K1012255-009)A	(<1)	U	NYSDEC Ambient Water Quality
Parameter List	Sample ID Lab ID Sample Type	8-24-084-MW K1012255-00 Groundwate	-12 7A	8-24-084-GP- K1012255-00 Groundwate	09 1A	8-28-084-MW-D K1012255-008 QA/QC Duplic	UP ^(a)	Trip Blank K1012255-009 QA/QC Trip Bla)A	(<1)	0	NYSDEC Ambient Water Quality Standard Class GA
Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-MW K1012255-00 Groundwate 10/25/2011	-12 7A r	8-24-084-GP- K1012255-00 Groundwate	09 1A	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011	UP ^(a) 8A cate	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011)A ank	(<1)	0	NYSDEC Ambient Water Quality Standard Class GA (µg/L)
Parameter List USEPA Method 8260B 1,1-Dichloroethane	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5)	-12 7A r	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36	09 1A	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18	UP ^(a)	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5)	A ank	(<1)	U	NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5)	-12 7A r	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3	09 1A r	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51	PUP ^(a) 8A cate	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5)	DA ank U	(<1)	0	NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5)	7A r U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2	09 1A	8-28-084-MW-D K1012255-003 QA/QC Duplic 10/25/2011 0.18 0.51 0.26	UP ^(a) 8A cate	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5)	A ank U U U U	(<1)	0	NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5)	-12 7A r	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3	09 1A r	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18	BA cate	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5)	DA ank U U U U U	(<1)	0	NYSDEC Ambient Water Quality Standard Class GA (μg/L) 5 (s) 3 (s) 3 (s) 3 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<0.5) (<10)	-12 7A r U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33	09 1A r	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10)	BA sate	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<0.5)	DA ank U U U U U	(<1)	0	NYSDEC Ambient Water Quality Standard Class GA (μg/L) 5 (s) 3 (s) 3 (s) 3 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone	Sample ID Lab ID Sample Type Sample Date µg/L µg/L µg/L µg/L µg/L µg/L µg/L µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<10)	-12 7A r U U U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7	09 1A r	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10)	BA sate	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<10)	DA ank U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5)	-12 7A r U U U U U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13	09 1A r	8-28-084-MW-D K1012255-008 QA/QC Duplice 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5)	BA sate J J U U U U	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5)	DA ank U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5)	-12 7A r U U U U U U U U U U U U U U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5)	09 1A r	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5)	Part of the state	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5)	U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5)	-12 -7A	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62	09 1A r J U	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5)	J J U U U U U U U	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5)	U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s)
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Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene Ethylbenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	-12 7A r U U U U U U U U U U U U U U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62 0.32 (<0.5) 5.09	099 11A 11 11 11 11 11 11 11 11 11 11 11 11	8-28-084-MW-D K1012255-003 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	PUP ^(a) SABA Sate U U U U U U U U U U U U U	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	U U U U U U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	-12 7A r U U U U U U U U U U U U U U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62 0.32 (<0.5) 5.09 1.17	099 11A 11 11 11 11 11 11 11 11 11 11 11 11	8-28-084-MW-D K1012255-003 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	UP ^(a) Salar J J U U U U U U U U U U U	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	U U U U U U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (ng/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene Methyl tert-butyl ether	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	-12 77A r U U U U U U U U U U U U U U U U U U	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62 0.32 (<0.5) 5.09 1.17	09 11A r J J U U U U U	8-28-084-MW-D K1012255-003 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	PUP ^(a) SABA Sate U U U U U U U U U U U U U	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	U U U U U U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (ng/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 5 (s) 10 (g)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene Methyl tert-butyl ether Tetrachloroethene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<10.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	-12 77A	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62 0.32 (<0.5) 5.09 1.17 1.16 (<0.5)	099 11A 11 11 11 11 11 11 11 11 11 11 11 11	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<0.5) (<10)	J	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	DA U U U U U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (ug/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene Methyl tert-butyl ether Tetrachloroethene Toluene	Sample ID Lab ID Sample Type Sample Date µg/L µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	-12 77A -12 77A -12 77A -12 -12 -12 -12 -12 -12 -12 -12 -12 -1	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62 0.32 (<0.5) 5.09 1.17 1.16 (<0.5) 0.2	09 11A r J J U U U U U	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<1) 1.42 (<0.5)	UP ^(a) Salar J J U U U U U U U U U U U	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<10.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	DA ank U U U U U U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 10 (g) 5 (s) 5 (s) 5 (s)
Parameter List USEPA Method 8260B 1,1-Dichloroethane 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene Chloroform cis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene Methyl tert-butyl ether Tetrachloroethene	Sample ID Lab ID Sample Type Sample Date µg/L	8-24-084-MW K1012255-00 Groundwate 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<10.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	-12 77A	8-24-084-GP- K1012255-00 Groundwate 10/25/2011 2.36 67.3 0.2 3 1.33 57.7 1.13 (<0.5) 0.62 0.32 (<0.5) 5.09 1.17 1.16 (<0.5)	09 11A r J J U U U U U	8-28-084-MW-D K1012255-008 QA/QC Duplic 10/25/2011 0.18 0.51 0.26 1.18 (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<10) (<0.5) (<10)	J	Trip Blank K1012255-009 QA/QC Trip Bla 10/25/2011 (<0.5) (<0.5) (<0.5) (<10) (<10) (<10) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5) (<0.5)	DA U U U U U U U U U U U U U U U U U U	(<1)		NYSDEC Ambient Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s)

(a) Duplicate was collected at 8-28-084-MW-01

NOTE: USEPA = United States Environmental Protection Agency
NYSDEC = New State Department of Environmental Conservation

= Micrograms per Liter $_{U}^{\mu g/L}$

= The analyte was analyzed for, but was not detected above the sample reporting limit.

= Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

QA/QC = Quality Assurance/Quality Control

Analytical data results provided by Life Science Laboratories.

Only analytes that had at least one detection from the data set are shown.

Bold values indicate that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 6 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER NOVEMBER 2013

	Sample ID	131121 MW-01		MW-08S		131121 MW-08D		131121 MW-10		131121 MW-11		
	Lab ID	480-50794-3				480-50794-2		480-50794-4		480-50794-6		
	Sample Type	Groundwater				Groundwater		Groundwater		Groundwater		NYSDEC Ambient
	Sample Date	11/21/2013				11/21/2013		11/21/2013		11/21/2013		Water Quality Standard
Parameter List USEPA Method 8260B	•								_		_	Class GA (µg/L)
1,1-Dichloroethane	μg/L	(<1)	U	Not Sampled	4	(<1)	U		U	(<1)	U	
1,2-Dichlorobenzene	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	
1,3-Dichlorobenzene	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	- (-,
1,4-Dichlorobenzene	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	
2-Butanone	μg/L	(<10)	U	Not Sampled	4	(<10)	U	(<10)	U	(<10)	U	
Acetone	μg/L	3.50	- 1	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	
Benzene	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	
Bromodichloromethane	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	(O)
Chlorobenzene	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	. (.,
Chloroform	μg/L	(<1)	U	Not Sampled	4	(<1)	U	0.94	J	(<1)	U	
cis-1,2-Dichloroethene	μg/L	(<1)	U	Not Sampled	_	(<1)	U	(<1)	U	(<1)	U	
Dibromochloromethane	μg/L	(<1)	U	Not Sampled	4	(<1)	U	(<1)	U	(<1)	U	
Dichlorodifluoromethane	μg/L	(<1)	U	Not Sampled	4_	(<1)	U	(<1)	U	(<1)	U	. (.,
Ethylbenzene	μg/L	(<1)	U	Not Sampled		(<1)	U	(<1)	U	(<1)	U	
Isopropylbenzene	μg/L	(<1)	U	Not Sampled	4_	(<1)	U	(<1)	U	(<1)	U	
Methyl tert-butyl ether	μg/L	(<1)	U	Not Sampled		(<1)	U	(<1)	U	(<1)	U	. (6)
Tetrachloroethene	μg/L	1.10		Not Sampled		(<1)	U	(<1)	U	(<1)	U	
Toluene	μg/L	(<1)	U	Not Sampled		(<1)	U	(<1)	U	(<1)	U	
Trichloroethene	μg/L	(<1)	U	Not Sampled		(<1)	U	(<1)	U	(<1)	U	. (-)
Xylenes (total)	μg/L	(<2)	U	Not Sampled		(<1)	U	(<1)	U	(<1)	U	5 (s)
	Sample ID	131121 MW-12		131121 GP-09		131121 MW1 DUP(a))	Trip Blank				
	Sample ID Lab ID	131121 MW-12 480-50794-5				131121 MW1 DUP(a) 480-50794-7)	Trip Blank 480-50794-8				
				131121 GP-09)					NYSDEC Ambient
Parameter List USEPA Method 8260B	Lab ID	480-50794-5		131121 GP-09 480-50794-1		480-50794-7)	480-50794-8				NYSDEC Ambient Water Quality Standard Class GA (µg/L)
Parameter List USEPA Method 8260B 1,1-Dichloroethane	Lab ID Sample Type Sample Date	480-50794-5 Groundwater	U	131121 GP-09 480-50794-1 Groundwater 11/21/2013		480-50794-7 QA/QC Duplicate	U	480-50794-8 QA/QC Trip Blank 11/21/2013	U			Water Quality Standard
	Lab ID Sample Type Sample Date µg/L	480-50794-5 Groundwater 11/21/2013		131121 GP-09 480-50794-1 Groundwater 11/21/2013		480-50794-7 QA/QC Duplicate 11/21/2013		480-50794-8 QA/QC Trip Blank 11/21/2013 (<1)				Water Quality Standard Class GA (μg/L)
1,1-Dichloroethane	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1)	U	131121 GP-09 480-50794-1 Groundwater 11/21/2013		480-50794-7 QA/QC Duplicate 11/21/2013 (<1)	U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s)
1,1-Dichloroethane	Lab ID Sample Type Sample Date µg/L	480-50794-5 Groundwater 11/21/2013 (<1)	U	131121 GP-09 480-50794-1 Groundwater 11/21/2013		480-50794-7 QA/QC Duplicate 11/21/2013 (<1)	U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene	Lab ID Sample Type Sample Date µg/L µg/L	480-50794-5 Groundwater 11/21/2013 (<1) (<1)	U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00	U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1)	U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1)	UUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUU	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00	U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1)	U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1)	U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00	_	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<1) (<1)	U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<10) (<10)	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1)	U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73	J	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1)	U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1)	U U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 (<10) 3.60 (<10) 0.73 (<1)	J	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1)	U U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1) (<1) (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1)	U U U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 (<10) 3.60 (<10) 0.73 (<1)	J	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1) (<1)	U U U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1)	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 50 (g) 1 (s) 50 (g)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1)	U U U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73 (<1) (<1)	J	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1) (<1)	U U U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acctone Benzene Bromodichloromethane Chlorobenzene	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1)	U U U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73 (<1) (<1) (<1)	J U U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U U U U U U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene eis-1,2-Dichloroethene	Lab ID Sample Type Sample Date µg/L µg/L	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U U U U U U U U U U U U U U U U U U U	131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73 (<1) (<1) (<1)	J U U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U U U U U U U U U U U U U U	480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 50 (g) 1 (s) 50 (g) 7 (s) 5 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene cis-1,2-Dichloroethene Ethylbenzene	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73 (<1) (<1) (<1)	J U U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene eis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73 (<1) (<1) (<1) 5.10 1.30 0.67	J U U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 5 (s)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene cis-1,2-Dichloroethene Ethylbenzene Sopropylbenzene Methyl tert-butyl ether	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 3.60 (<10) 3.00 0.73 (<1) (<1) (<1) 1.10 1.30 0.67 (<1)	J U U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 10 (g)
1,1-Dichloroethane 1,2-Dichlorobenzene 1,4-Dichlorobenzene 2-Butanone Acetone Benzene Bromodichloromethane Chlorobenzene cis-1,2-Dichloroethene Ethylbenzene Isopropylbenzene Methyl tert-butyl ether Tetrachloroethene	Lab ID Sample Type Sample Date	480-50794-5 Groundwater 11/21/2013 (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		131121 GP-09 480-50794-1 Groundwater 11/21/2013 1.70 73.00 (<10) 3.60 (<10) (<1) (<1) (<1) (<1) 5.10 1.30 (.57) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	J U U U	480-50794-7 QA/QC Duplicate 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1		480-50794-8 QA/QC Trip Blank 11/21/2013 (<1) (<1) (<1) (<10) (<10) (<1) (<1) (<1) (<1) (<1) (<1) (<1) (<1	U			Water Quality Standard Class GA (µg/L) 5 (s) 3 (s) 50 (g) 1 (s) 50 (g) 5 (s) 7 (s) 5 (s) 5 (s) 5 (s) 5 (s) 5 (s)

NOTE: USEFA = United states Environmental Protection Agency NYSDEC = New State Department of Environmental Conservation

ygL = Micrograms per Liter

U = The analyte was analyzed for, but was not detected above the sample reporting limit.

J = Analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample. QA/QC = Quality Assurance/Quality Control

Analytical data results provided by Life Science Laboratories.

Only analytes that had at least one detection from the data set are shown.

Blue indicates a detection above the method detection limit. Red indicates that the analyte was detected above the NYSDEC AWQS. (g) Value is listed as a guidance value. (s) Value is listed as a standard value.

TABLE 7 SUMMARY OF ANALYTICAL RESULTS GROUNDWATER AUTOHAUS

-	Location	Action Level	GP-	-09		MW-1		MW	/-10	MW-101	MW-102	MW	/-11	MW	V-12		MW-8D		MW-8S
		NYDEC_TOG S AMBIENT		GP009-		131121 MW1	MW001-		MW010-	MW101-	MW102-	131121 MW-	MW011-		MW012-		MW08D-	4542-090914-	MW08S-
	Sample ID	WATER_Clas	131121 GP9	090814-1315	131121 MW1	DUP	090814-1545	131121 MW10	090814-1430	090814-0900	090814-1030	11	090914-1200	131121 MW12	090814-1720	131121 MW8D	090914-0950	0002	090914-1055
		s_GA																	
	Sample Date		11/21/2013 N	09/08/2014 N	11/21/2013 N	11/21/2013 N	09/08/2014 N	11/21/2013 N	09/08/2014 N	09/08/2014 N	09/08/2014 N	11/21/2013 N	09/09/2014 N	11/21/2013 N	09/08/2014 N	11/21/2013 N	09/09/2014 N	09/09/2014 FD	09/09/2014 N
	Sample Type Sample Depth (bgs)				13.9 - 23.9 (ft)	* * *			8.3 - 18.3 (ft)	19.5 - 29.5 (ft)							62 - 72 (ft)	62 - 72 (ft)	14.2 - 24.2 (ft)
Inorganic Compounds (mg/L))																		
Iron, Dissolved	,	-	-	ND (0.1)	-	-	ND (0.1)	-	ND (0.1)	ND (0.1)	0.191	-	-	-	-	-	-	-	-
Iron, Total		-	-	3.3	-	-	5.02	-	0.192	1.67	6.76	-	-	-	-	-	-	-	-
Other (mg/L)																			
Sulfate		-	-	120	-	-	14	-	28	47	29	-	-	-	-	-	-	-	-
Total Organic Carbon (TOC)		-	-	9.71	-	-	7.61	-	1.93	5.06	13.9	-	-	-	-	-	-	-	-
Volatile Organic Compounds	(ug/L)																		
1,1,1-Trichloroethane		5 5	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane		5 1	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
1,1-Dichloroethane		5	1.7	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
1,1-Dichloroethene		5	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
1,2,3-Trichlorobenzene		- 5	- ND (4)	ND (5)	- ND (1)	- ND (1)	ND (5)	- ND (1)	ND (5)	ND (5)	ND (5)	- ND (1)	ND (5)	- ND (4)	ND (5)	- ND (1)	ND (5)	ND (5)	ND (5)
1,2,4-Trichlorobenzene 1,2-Dibromo-3-chloropropane ((DBCP)	5 0.04	ND (1) ND (1)	ND (5) ND (10)	ND (1) ND (1)	ND (1) ND (1)	ND (5) ND (10)	ND (1) ND (1)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (1) ND (1)	ND (5) ND (10)	ND (1) ND (1)	ND (5) ND (10)	ND (1) ND (1)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)
1,2-Dibromoethane (Ethylene D	,	0.0006	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
1,2-Dichlorobenzene	•	3	73 ^[A]	24.7 ^[A]	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	82.6 [A]	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
1,2-Dichloroethane		0.6	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
1,2-Dichloropropane		1 3	ND (1)	ND (2) ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2) ND (2)	ND (2)
1,3-Dichlorobenzene 1,4-Dichlorobenzene		3	ND (1) 3.6 ^[A]	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) 7.35 ^[A]	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
1,4-Dioxane		-	-	ND (20)	-	-	ND (20)	-	ND (20)	ND (20)	ND (20)	-	ND (20)	-	ND (20)	-	ND (20)	ND (20)	ND (20)
2-Butanone (Methyl Ethyl Ketor	ne)	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
2-Hexanone		50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
4-Methyl-2-Pentanone (Methyl Acetone	Isobutyi Ketone)	- 50	ND (5) 3 J	ND (5) ND (10)	ND (5) 3.5 J	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)	ND (5) ND (10)
Benzene		1	0.73 J	ND (0.7)	ND (1)	ND (10)	ND (10)	ND (10)	ND (0.7)	ND (0.7)	ND (0.7)	ND (10)	ND (0.7)	ND (10)	ND (0.7)	ND (10)	ND (0.7)	ND (0.7)	ND (10) ND (0.7)
Bromodichloromethane		50	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Bromoform		50	ND (1)	ND (5)	ND (1)	ND (1)	ND (5)	ND (1)	ND (5)	ND (5)	ND (5)	ND (1)	ND (5)	ND (1)	ND (5)	ND (1)	ND (5)	ND (5)	ND (5)
Bromomethane (Methyl Bromid Carbon disulfide	de)	5 60	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Carbon tetrachloride		5	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Chlorobenzene		5	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Chlorobromomethane		-	-	ND (5)	-	-	ND (5)	-	ND (5)	ND (5)	ND (5)	-	ND (5)	-	ND (5)	-	ND (5)	ND (5)	ND (5)
Chloroethane Chloroform (Trichloromethane)		5 7	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) 0.94 J	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Chloromethane (Methyl Chlorid		5	ND (1)	ND (2)	ND (1)	ND (1) ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
cis-1,2-Dichloroethene	,	5	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
cis-1,3-Dichloropropene		0.4	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Cyclohexane Dibromochloromethane		- 50	ND (1)	ND (10) ND (2)	ND (1) ND (1)	ND (1)	ND (10) ND (2)	ND (1) ND (1)	ND (10) ND (2)	ND (10) ND (2)	ND (10) ND (2)	ND (1)	ND (10) ND (2)	ND (1)	ND (10) ND (2)	ND (1) ND (1)	ND (10)	ND (10) ND (2)	ND (10) ND (2)
Dichlorodifluoromethane (CFC-	-12)	50 5	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Ethylbenzene	,	5	5.1 ^[A]	2.46	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Isopropylbenzene		5	1.3	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
m,p-Xylenes		5	- ND (4)	ND (2)	- ND (4)	- ND (4)	ND (2)	- ND (4)	ND (2)	ND (2)	ND (2)	- ND (4)	ND (2)	- ND (4)	ND (2)	- ND (4)	ND (2)	ND (2)	ND (2)
Methyl acetate Methyl cyclohexane		-	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Methyl Tert Butyl Ether		-	0.67 J	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1) ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Methylene chloride		5	ND (1)	ND (5)	ND (1)	ND (1)	ND (5)	ND (1)	ND (5)	ND (5)	ND (5)	ND (1)	ND (5)	ND (1)	ND (5)	ND (1)	ND (5)	ND (5)	ND (5)
o-Xylene		5	-	ND (2)	-	-	ND (2)	-	ND (2)	ND (2)	ND (2)	-	ND (2)	-	ND (2)	-	ND (2)	ND (2)	ND (2)
Styrene Tetrachloroethene		5 5	ND (1) ND (1)	ND (5) ND (2)	ND (1) 1.1	ND (1)	ND (5) ND (2)	ND (1) ND (1)	ND (5)	ND (5)	ND (5) ND (2)	ND (1) ND (1)	ND (5)	ND (1)	ND (5) ND (2)	ND (1)	ND (5)	ND (5) ND (2)	ND (5) ND (2)
Toluene		5 5	ND (1) ND (1)	ND (2) ND (2)	ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2)
trans-1,2-Dichloroethene		5	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
trans-1,3-Dichloropropene		0.4	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Trichloroethene	14)	5	0.66 J	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Trichlorofluoromethane (CFC-1 Trifluorotrichloroethane (Freon	,	5 5	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Vinyl chloride	110)	5 2	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (1) ND (1)	ND (2) ND (2)	ND (2) ND (2)	ND (2) ND (2)
Xylene (total)		5	5.8 ^[A]	-	ND (2)	ND (2)	-	ND (2)	-	-	-	ND (2)	-	ND (2)	- \-/	ND (2)	-	-	-

Notes: Halବାନ୍ନ୍ରଧିଟୀଙ୍କରଣଞ୍ଜ-AMBIENT_WATER_Class_GA C:\Users\wbwellin\Documents\SITES\autohaus\prr\2014\2014-2013 Groundwater - Summary Table.xlsx

APPENDIX D

Special Use Permit







TOWN OF PERINTON

1350 TURK HILL ROAD ■ FAIRPORT, NEW YORK 14450-8796 (585) 223-0770 ■ Fax: (585) 223-3629 ■ www.perinton.org

February 4, 2015

TOWN CLERK RECEIVER OF TAXES

Van Bortel Ford Inc.
71 Marsh Road
East Rochester, NY 14445
Attention: Ms. Kitty Van Bortel

Dear Ms. Van Bortel:

By resolution of the Perinton Town Board, at a meeting on January 28, 2015, a Special Use was granted to allow the expansion of operations at a new / used motor vehicle sales operation (parcel ID 152.13-3-4), under the following conditions:

The proposal shall receive site plan approval from the Planning Board.
 The Special Use Permit shall expire if a building permit is not issued

within one year of this Town Board approval.

If you have any questions, please call me at 223-0770.

Cordially,

Jennifer A. West Town Clerk

xc:

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