HALEY ALDRICH

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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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30 March 2016
File No. 35294-012

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.

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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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 site-wide 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 / Piezometer	Measuring Point Elevation (ft. AMSL)	Water Elevation (ft. AMSL)										
		Oct. 2007	Oct. 2008	April 2009	Dec. 2010	Oct. 2011	Nov. 2013	Aug. 2014	Sept. 2014	Mar. 2015	May 2015	Aug. 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)	---(a)	---(a)	---(a)	---(a)	---(a)	---(a)	---(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

Location	Action Level	GP-09					MW-101				MW-102			
Sample ID	NYDEC TOGS	131121 GP9	GP009-090814-1315	GP009-031215-1745	GP09-052115-1300	GP009-081815-1530	MW101-090814-0900	MW101-031215-1310	MW101-052115-1445	MW101-081815-1350	MW102-090814-1030	MW102-031215-1520	MW102-052115-1715	MW102-081715-1310
Sample Date		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
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N
Sample 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			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	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 Ketone)		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	1	**0.73 J**	ND (0.7)	ND (0.7)	**0.819**	ND (1)	ND (0.7)	ND (0.7)	ND (0.7)	ND (1)	ND (0.7)	ND (0.7)	ND (0.7)	ND (1)
Bromodichloromethane	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)
Bromoform	50	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)
Bromomethane (Methyl Bromide)	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)
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 (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	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)
Trichloroethene	5	**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)
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)
Trifluorotrichloroethane (Freon 113)	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)
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]												
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**

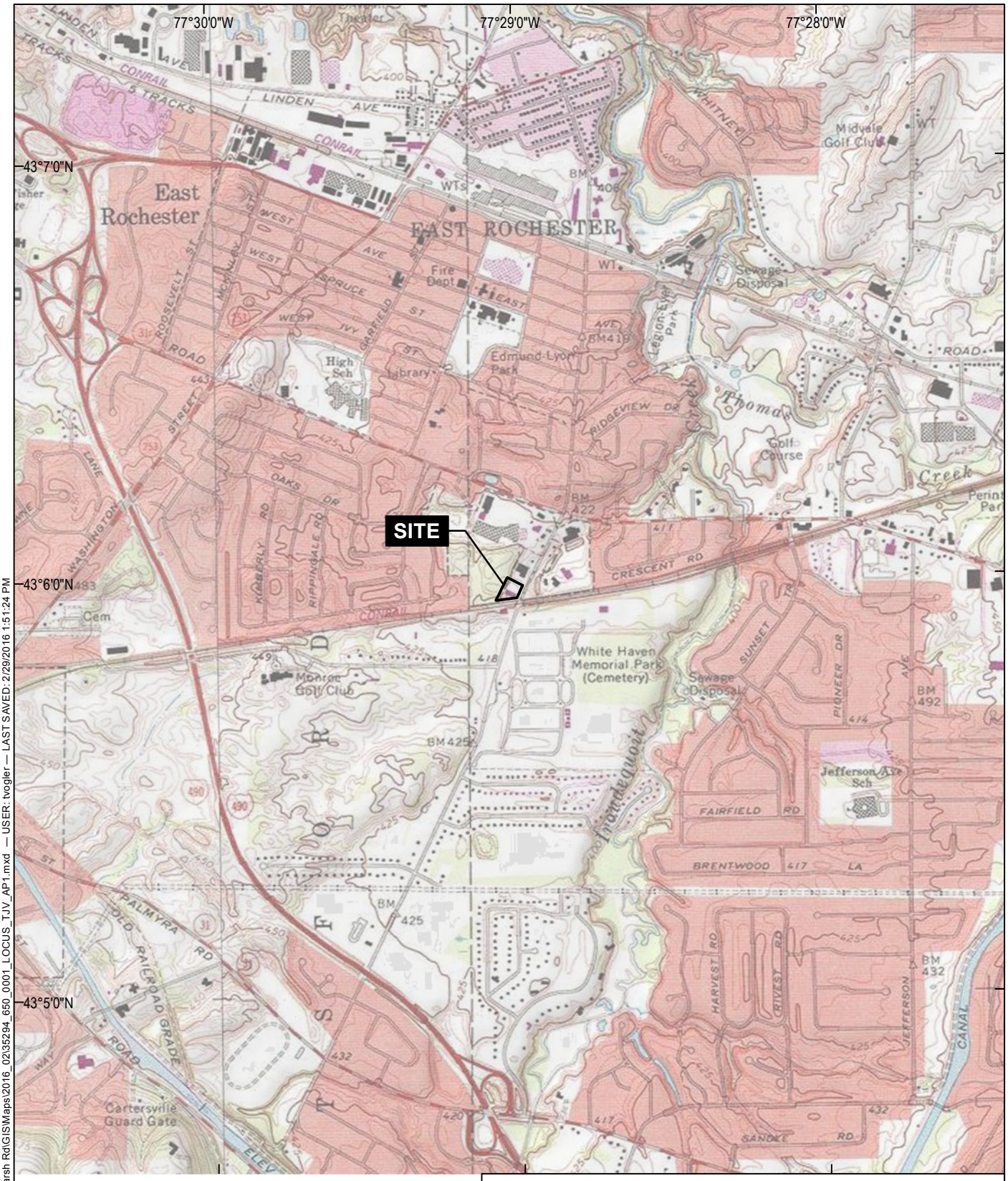
Notes:

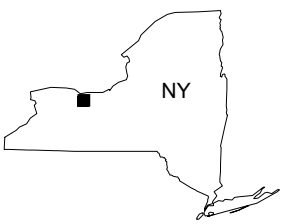
TABLE 2
SUMMARY OF ANALYTICAL RESULTS - 2015
AUTOHAUS
,

Location	Action Level	MW-1	MW-10	MW-11		MW-12	MW-8D	MW-8S
Sample ID	NYDEC TOGS	MW001-081715-1510	MW010-081815-1250	MW011-081715-1150	0123-081715-0001	MW012-081815-1150	MW08D-081815-0915	MW08S-081815-1015
Sample Date		08/17/2015	08/18/2015	08/17/2015	08/17/2015	08/18/2015	08/18/2015	08/18/2015
Sample Type		N	N	N	FD	N	N	N
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)
Volatile Organic Compounds (ug/L)								
1,1,1-Trichloroethane	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1,2,2-Tetrachloroethane	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1,2-Trichloroethane	1	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1-Dichloroethane	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,1-Dichloroethene	5	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)
1,2,4-Trichlorobenzene	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichlorobenzene	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichloroethane	0.6	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,2-Dichloropropane	1	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,3-Dichlorobenzene	3	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
1,4-Dichlorobenzene	3	ND (2)	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)
2-Butanone (Methyl Ethyl Ketone)	50	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)
4-Methyl-2-Pentanone (Methyl Isobutyl Ketone)		ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Acetone	50	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Benzene	1	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)	ND (1)
Bromodichloromethane	50	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Bromoform	50	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Bromomethane (Methyl Bromide)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Carbon disulfide	60	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Carbon tetrachloride	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chlorobenzene	5	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)
Chloroethane	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloroform (Trichloromethane)	7	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Chloromethane (Methyl Chloride)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
cis-1,2-Dichloroethene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
cis-1,3-Dichloropropene	0.4	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Cyclohexane		ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	50	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Dichlorodifluoromethane (CFC-12)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Ethylbenzene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Isopropylbenzene	5	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)
Methyl acetate		ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methyl cyclohexane		ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methyl Tert Butyl Ether	10	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Methylene chloride	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
o-Xylene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Styrene	5	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)	ND (5)
Tetrachloroethene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Toluene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,2-Dichloroethene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
trans-1,3-Dichloropropene	0.4	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Trichloroethene	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Trichlorofluoromethane (CFC-11)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Trifluorotrichloroethane (Freon 113)	5	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Vinyl chloride	2	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)	ND (2)
Xylene (total)	5							
Inorganic Compounds (mg/L)								
Iron, Total	0.3							
Iron, 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





MAP SOURCE: USGS
USGS QUAD: FIARPORT, NEW YORK
SITE COORDINATES: 43°5'58.2"N, 77°29'1.7"

HALEY ALDRICH

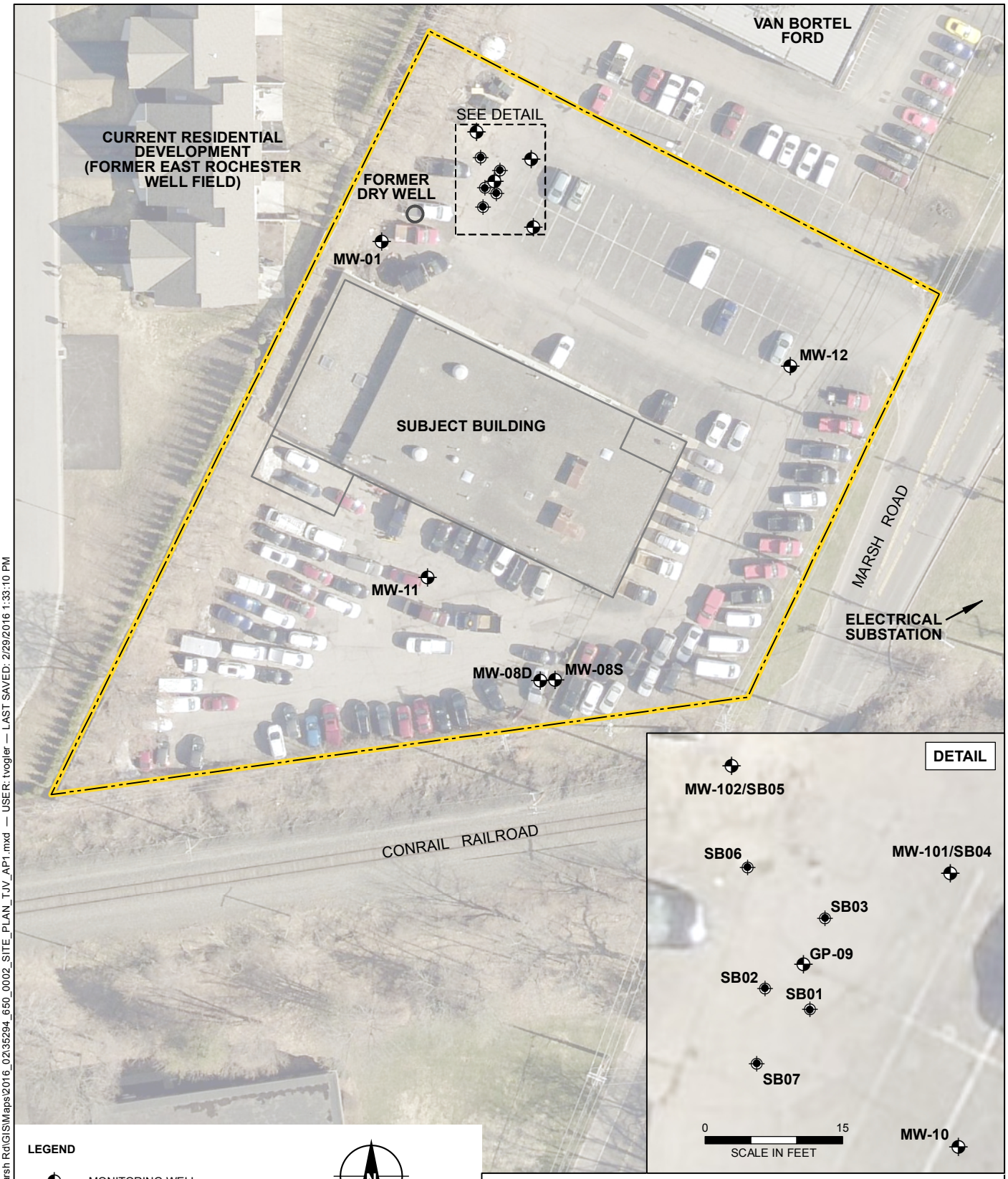
FORMER AUTOHAUS PROPERTY
99 MARSH ROAD
EAST ROCHESTER, NEW YORK

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
FEBRUARY 2016

FIGURE 1

GIS FILE PATH: G:\35294-000_71 & 99 Marsh Rd\GISMaps\2016_02\35294_650_0001_LOCUS_TJV_AP1.mxd — USER: tvogler — LAST SAVED: 2/29/2016 1:51:24 PM



LEGEND

- MONITORING WELL
- SOIL BORING
- PROPERTY BOUNDARY

N

0 30 60
SCALE IN FEET

NOTES

1. SITE PLAN FEATURES FROM FIGURE "SITE LAYOUT", PREPARED BY ENTRIX, 2000.
2. ALL LOCATIONS ARE APPROXIMATE.
3. AERIAL IMAGERY SOURCE: PICTOMETRY, APRIL 2015

HALEY ALDRICH

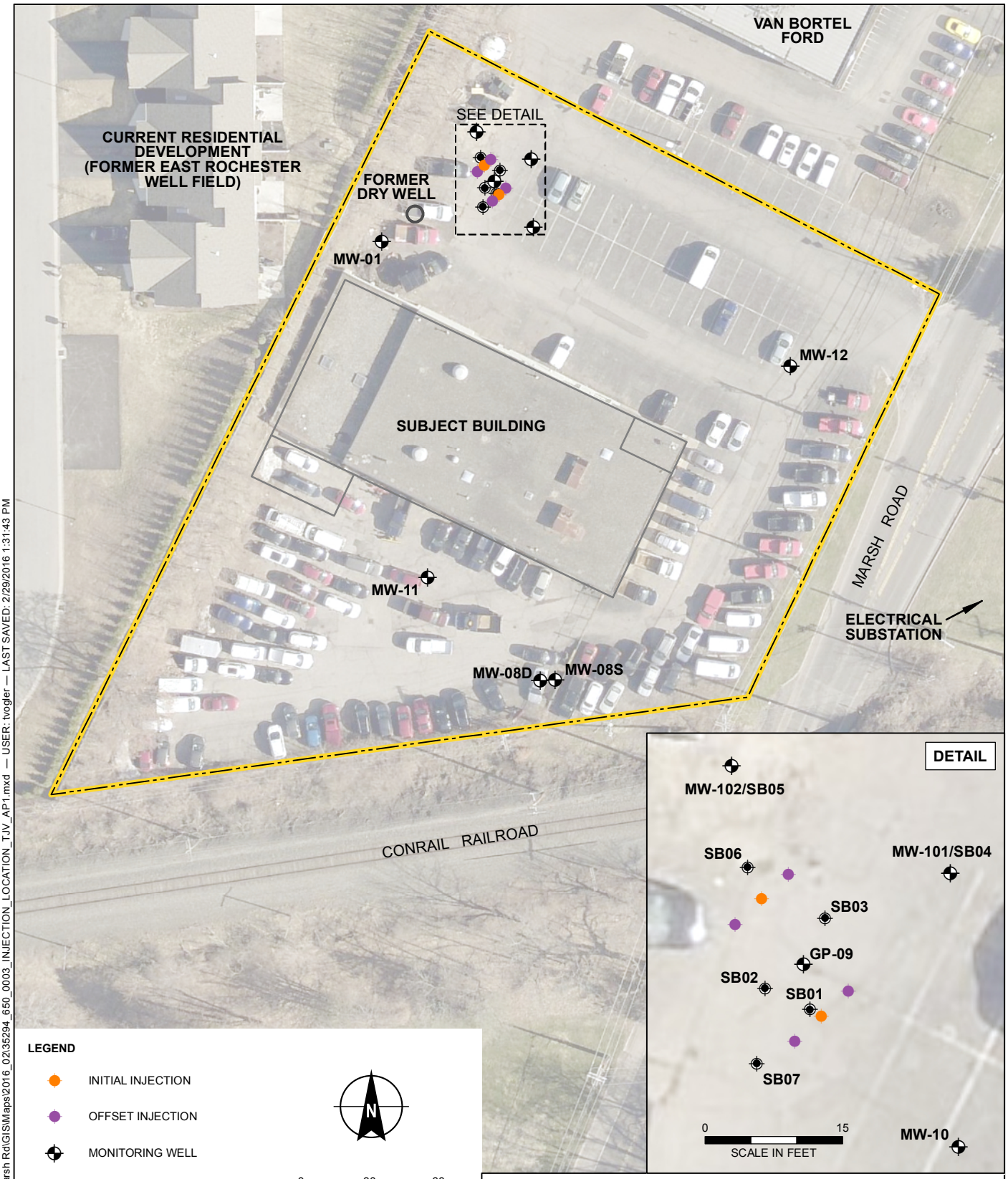
FORMER AUTOHAUS PROPERTY
99 MARSH ROAD
EAST ROCHESTER, NEW YORK

SITE PLAN

FEBRUARY 2016

FIGURE 2

GIS FILE PATH: G:\35294-000_71 & 99 Marsh Rd\GISMaps\2016_02\35294_650_0002_SITE_PLAN_TJV_AP1.mxd — USER: tvogler — LAST SAVED: 2/29/2016 1:33:10 PM



LEGEND

- INITIAL INJECTION
- OFFSET INJECTION
- MONITORING WELL
- SOIL BORING
- PROPERTY BOUNDARY

N

0 30 60
SCALE IN FEET

NOTES

1. INJECTION LOCATIONS FROM FIGURE "GENERAL INJECTION IMPLEMENTATION - OXIDATION AREA" IN "TECHNOLOGY DISCUSSION AND FIELD REPORT", IET, 2015.
2. SITE PLAN FEATURES FROM FIGURE "SITE LAYOUT", PREPARED BY ENTRIX, 2000.
3. ALL LOCATIONS ARE APPROXIMATE.
4. AERIAL IMAGERY SOURCE: PICTOMETRY, APRIL 2015

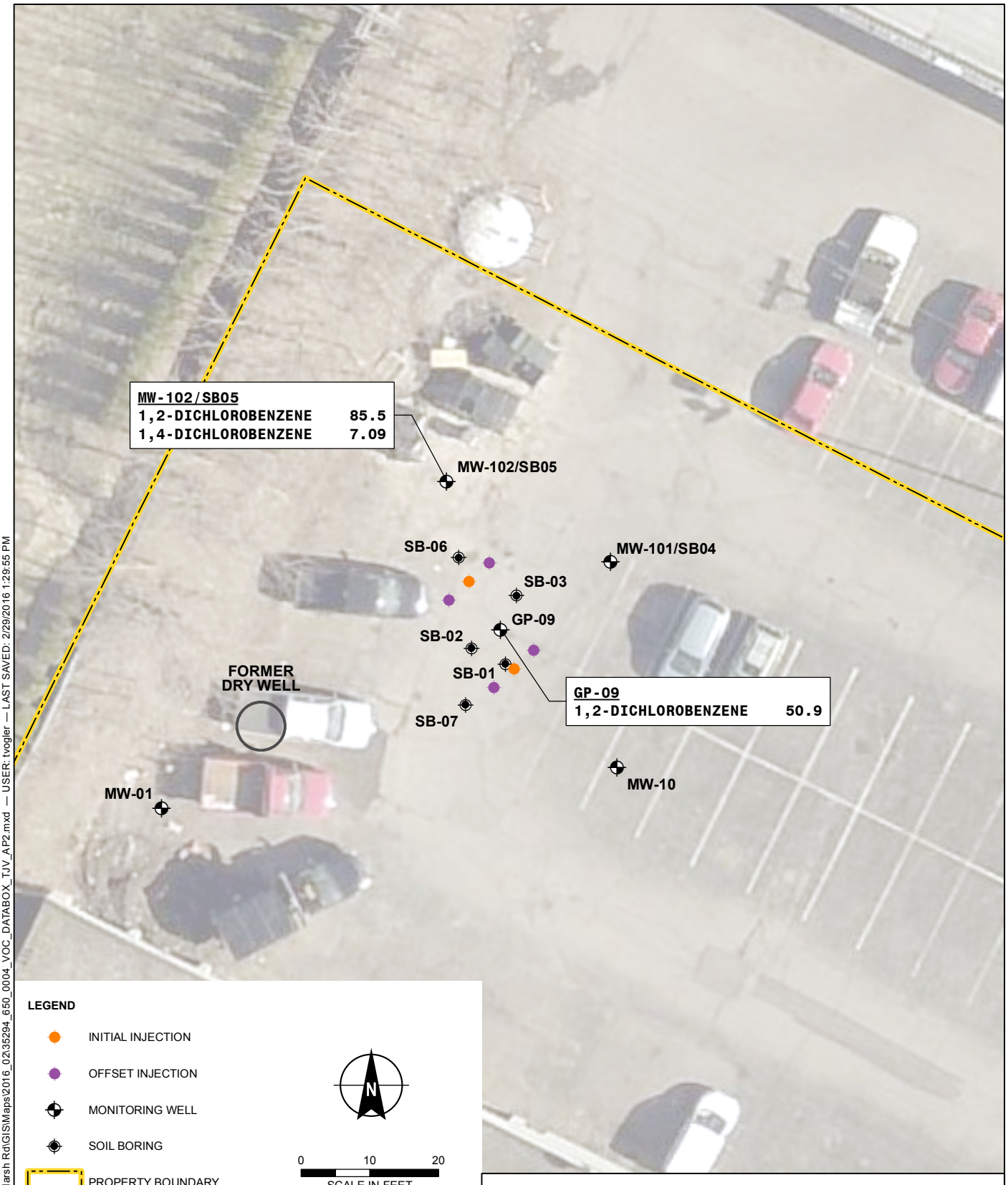
HALEY ALDRICH

FORMER AUTOHAUS PROPERTY
99 MARSH ROAD
EAST ROCHESTER, NEW YORK

SITE PLAN WITH INJECTION LOCATIONS

FEBRUARY 2016

FIGURE 3



LEGEND

- INITIAL INJECTION
- OFFSET INJECTION
- MONITORING WELL
- SOIL BORING
- PROPERTY BOUNDARY

N

0 10 20
SCALE IN FEET

NOTES

1. GROUNDWATER SAMPLES COLLECTED BY H&A PERSONNEL ON AUGUST 18 AND 19, 2015.
2. GROUNDWATER RESULTS DISPLAYED EXCEED NYS DEC TOGS 1.1.1 (GA), AMBIENT WATER QUALITY STANDARDS AND GUIDANCE VALUES.
3. INJECTION LOCATIONS FROM FIGURE "GENERAL INJECTION IMPLEMENTATION - OXIDATION AREA" IN "TECHNOLOGY DISCUSSION AND FIELD REPORT", IET, 2015.
4. SITE PLAN FEATURES FROM FIGURE "SITE LAYOUT", PREPARED BY ENTRIX, 2000.
5. ALL LOCATIONS ARE APPROXIMATE.
6. AERIAL IMAGERY SOURCE: PICTOMETRY, APRIL 2015

HALEY ALDRICH

FORMER AUTOHAUS PROPERTY
99 MARSH ROAD
EAST ROCHESTER, NEW YORK

VOLATILE ORGANIC COMPOUND EXCEEDANCES IN GROUNDWATER SAMPLES, AUGUST 2015

FEBRUARY 2016

FIGURE 4

GIS FILE PATH: G:\35294-000_71 & 99 Marsh Rd\GIS\Maps\2016_02\35294_650_0004_VOC_DATABOX_TJV_AP2.mxd — USER: tvogler — LAST SAVED: 2/29/2016 1:29:55 PM

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

Site Details **Box 1**

Site No. 828084

Site Name Autohaus of Rochester

Site Address: 99 Marsh Road Zip Code: 14445
City/Town: East Rochester
County: Monroe
Site Acreage: 1.6

Reporting Period: December 31, 2014 to December 31, 2015

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period? Special use permit issued from Town of Perinton	☒	☐
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 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

SITE NO. 828084 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
152.13-3-4	99 Marsh Road Real Estate Holdings, LLC	Monitoring Plan Site Management Plan

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

Box 4

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
☒	☐

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 remedy, 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
☒	☐

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.

I Mary C. Van Bortel (print name) at 71 Marsh Road, East Rochester, New York (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

Date 3/30/16

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.

I Mark N. Ramsdell, P.E. (print name) at Haley & Aldrich of NY, 200 Town Centre Drive, Suite 2, Rochester, NY 14623 (print business address),

am certifying as a for the Owner (Owner or Remedial Party)

Mark N. Ramsdell — 3/30/11

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

Stamp (Required for PE)

Date

APPENDIX B

Laboratory Data Packages

PARADIGM

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.

KRHansen

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

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

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

Metals

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		3/20/2015

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

Analyte	Result	Units	Qualifier	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

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-Chloropropane	< 10.0	ug/L	3/16/2015	15:45
1,2-Dibromoethane	< 2.00	ug/L	3/16/2015	15:45
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	15:45
1,4-dioxane	< 20.0	ug/L	3/16/2015	15:45
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	15:45
Bromodichloromethane	< 2.00	ug/L	3/16/2015	15:45
Bromoform	< 5.00	ug/L	3/16/2015	15:45
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	15:45
Chloroethane	< 2.00	ug/L	3/16/2015	15:45
Chloroform	< 2.00	ug/L	3/16/2015	15:45
Chloromethane	< 2.00	ug/L	3/16/2015	15:45
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	15:45
Dibromochloromethane	< 2.00	ug/L	3/16/2015	15:45
Dichlorodifluoromethane	< 2.00	ug/L	3/16/2015	15:45
Ethylbenzene	< 2.00	ug/L	3/16/2015	15:45

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

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

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-Dichloropropene	< 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	Percent Recovery	Limits	Outliers	Date Analyzed	
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

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

Dissolved Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.100	mg/L		3/19/2015 11:16

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		3/20/2015

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

Analyte	Result	Units	Qualifier	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

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

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-Chloropropane	< 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
Dichlorodifluoromethane	< 2.00	ug/L	3/16/2015	16:09
Ethylbenzene	< 2.00	ug/L	3/16/2015	16:09

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

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-Dichloroethene	< 2.00	ug/L	3/16/2015	16:09
trans-1,3-Dichloropropene	< 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	Percent Recovery	Limits	Outliers	Date Analyzed	
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

Client: **Haley & Aldrich**

Project Reference: 35294-010 Autohaus

Sample Identifier: GP009-031215-1745
Lab Sample ID: 150802-03 **Date Sampled:** 3/12/2015
Matrix: Groundwater **Date Received:** 3/13/2015

Dissolved Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.100	mg/L		3/19/2015 11:25

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 3/18/2015
Data File: 031815b

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	**1.30**	mg/L		3/19/2015 11:29

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 3/18/2015
Data File: 031815b

Sulfate

Analyte	Result	Units	Qualifier	Date Analyzed
Sulfate	**622**	mg/L		3/20/2015

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

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**11.3**	mg/L		3/24/2015

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

Volatile Organics

Analyte	Result	Units	Qualifier	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

Client: **Haley & Aldrich**

Project Reference: 35294-010 Autohaus

Sample Identifier:	GP009-031215-1745		
Lab Sample ID:	150802-03	**Date Sampled:**	3/12/2015
Matrix:	Groundwater	**Date Received:**	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-Chloropropane	< 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	< 2.00	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
Dichlorodifluoromethane	< 2.00	ug/L	3/16/2015	16:33
Ethylbenzene	**3.40**	ug/L	3/16/2015	16:33

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 150802

Client: **Haley & Aldrich**

Project Reference: 35294-010 Autohaus

Sample Identifier: GP009-031215-1745
Lab Sample ID: 150802-03 **Date Sampled:** 3/12/2015
Matrix: Groundwater **Date 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-Dichloroethene	< 2.00	ug/L	3/16/2015	16:33
trans-1,3-Dichloropropene	< 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

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
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

Report Prepared Wednesday, March 25, 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.

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, tern 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 re-perform 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 final report.
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 samples.
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.

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

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

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		LAB PROJECT ID
CLIENT:	H&E / Hickey	CLIENT:	SAME	150802
ADDRESS:	200 Town Centre Drive	ADDRESS:		Quotation #:
CITY:	Rochester STATE: NY ZIP: 14623	CITY: STATE: ZIP:		
PHONE:	585-321-4262	PHONE:		Email:
ATTN:	MRamsdell@HaleyAldrich.com Mark Ramsdell	ATTN:		

PROJECT REFERENCE

33294-010
Autohaus

Matrix Codes:

AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOA -Temp blank 3.5	TOC	Total Fe	Dissolved Fe	Sul Fate	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/12/15	1310		X	MW101-03/12/15-1310	WG	7	X	X	X	X	X	MW 101	01
2	3/12/15	1520		X	MW102-03/12/15-1520	WG	7	X	X	X	X	X	MW 102	02
3	3/12/15	1745		X	G-P009-03/12/15-1745	WG	7	X	X	X	X	X	G-P009	03
4														
5													*LAB to Filter all unpreserved bottles for dissolved Fe	
6														
7														
8														
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

Sampled By	Date/Time 03/13/15 0908	Total Cost:
Relinquished By	Date/Time 03/13/15 1302	
Received By	Date/Time 3-13-15 @ 1302	P.I.F.
Received @ Lab By	Date/Time 3/13/15 14:08	

$500 not needed per MR KEH 3/13/15

6°C iced 3/13/15 13:41

Chain of Custody Supplement

Client: Haley & Aldrich Completed by: Glenn Peezulo

Lab Project ID: 150802 Date: 3/13/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A	
Container Type	X			
Comments				
Transferred to method-compliant container			X	
Headspace (<1 mL)	X		X	VOA TOC
Comments				
Preservation	X		X	Dissolved Metals Sulfate
Comments				
Chlorine Absent (<0.10 ppm per test strip)			X	
Comments				
Holding Time	X			
Comments				
Temperature	X			6°C iced
Comments				
Sufficient Sample Quantity	X			
Comments				

1503170003

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman
		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	1 [ ] 2 [ ] 3 [ ] STD [X] 5 [ ] OTHER [ ]	Date Due: 3/24/15

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TOC	Sulfate								REMARKS	PARADIGM LAB SAMPLE NUMBER
1	3/12/15	13:10		X	150802-01	Ground Water	3	X	X									001
2	↓	15:20		X	↓ 02	↓	↓	X	X									002
3	↓	17:45		X	↓ 03	↓	↓	X	X									003
4																		
5																		
6																		
7																		
8																		
9					Sample containers													
10					were not supplied by AES JM					3/17/15								

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y [ ]	N [ ]
Comments:		
Preservation:	Y [ ]	N [ ]
Comments:		
Holding Time:	Y [ ]	N [ ]
Comments:		
Temperature:	Y [ ]	N [ ]
Comments: 3.2		

HPS

Client

Sampled By: JP2 Date/Time: 3/16/15 16:00

Relinquished By: Date/Time:

Received By: J. Michalski Date/Time: 3/17/15 9:58 Am

Received @ Lab By: Date/Time:

Total Cost:

P.I.F.

PARADIGM

ENVIRONMENTAL SERVICES, INC.

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: GP009-052115-1300
Lab Sample ID: 152026-01 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date Received:** 5/22/2015

Dissolved Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	<0.050	mg/L		5/29/2015

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

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/22/2015 15:50
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/22/2015 15:50
1,1,2-Trichloroethane	< 2.00	ug/L		5/22/2015 15:50
1,1-Dichloroethane	< 2.00	ug/L		5/22/2015 15:50
1,1-Dichloroethene	< 2.00	ug/L		5/22/2015 15:50
1,2,3-Trichlorobenzene	< 5.00	ug/L		5/22/2015 15:50
1,2,4-Trichlorobenzene	< 5.00	ug/L		5/22/2015 15:50

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier:	GP009-052115-1300		
Lab Sample ID:	152026-01	**Date Sampled:**	5/21/2015
Matrix:	Groundwater	**Date Received:**	5/22/2015

1,2-Dibromo-3-Chloropropane	< 10.0	ug/L	5/22/2015	15:50
1,2-Dibromoethane	< 2.00	ug/L	5/22/2015	15:50
1,2-Dichlorobenzene	**41.6**	ug/L	5/22/2015	15:50
1,2-Dichloroethane	< 2.00	ug/L	5/22/2015	15:50
1,2-Dichloropropane	< 2.00	ug/L	5/22/2015	15:50
1,3-Dichlorobenzene	< 2.00	ug/L	5/22/2015	15:50
1,4-Dichlorobenzene	**2.13**	ug/L	5/22/2015	15:50
1,4-dioxane	< 20.0	ug/L	5/22/2015	15:50
2-Butanone	< 10.0	ug/L	5/22/2015	15:50
2-Hexanone	< 5.00	ug/L	5/22/2015	15:50
4-Methyl-2-pentanone	< 5.00	ug/L	5/22/2015	15:50
Acetone	**72.8**	ug/L	5/22/2015	15:50
Benzene	**0.819**	ug/L	5/22/2015	15:50
Bromochloromethane	< 5.00	ug/L	5/22/2015	15:50
Bromodichloromethane	< 2.00	ug/L	5/22/2015	15:50
Bromoform	< 5.00	ug/L	5/22/2015	15:50
Bromomethane	< 2.00	ug/L	5/22/2015	15:50
Carbon disulfide	< 2.00	ug/L	5/22/2015	15:50
Carbon Tetrachloride	< 2.00	ug/L	5/22/2015	15:50
Chlorobenzene	< 2.00	ug/L	5/22/2015	15:50
Chloroethane	< 2.00	ug/L	5/22/2015	15:50
Chloroform	< 2.00	ug/L	5/22/2015	15:50
Chloromethane	**5.44**	ug/L	5/22/2015	15:50
cis-1,2-Dichloroethene	< 2.00	ug/L	5/22/2015	15:50
cis-1,3-Dichloropropene	< 2.00	ug/L	5/22/2015	15:50
Cyclohexane	< 10.0	ug/L	5/22/2015	15:50
Dibromochloromethane	< 2.00	ug/L	5/22/2015	15:50
Dichlorodifluoromethane	< 2.00	ug/L	5/22/2015	15:50
Ethylbenzene	< 2.00	ug/L	5/22/2015	15:50
Freon 113	< 2.00	ug/L	5/22/2015	15:50
Isopropylbenzene	< 2.00	ug/L	5/22/2015	15:50
m,p-Xylene	< 2.00	ug/L	5/22/2015	15:50

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: GP009-052115-1300
Lab Sample ID: 152026-01 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date 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-Dichloroethene	< 2.00	ug/L			5/22/2015 15:50
trans-1,3-Dichloropropene	< 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	Percent Recovery	Limits	Outliers	Date Analyzed
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
Toluene-D8	**84.9**	90.9 - 108	*	5/22/2015 15:50

Method Reference(s): EPA 8260C
EPA 5030
Data File: x23021.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW101-052115-1445
Lab Sample ID: 152026-02 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date 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 C
Subcontractor ELAP ID: 10709

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW101-052115-1445
Lab Sample ID: 152026-02 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date Received:** 5/22/2015

1,2-Dibromo-3-Chloropropane	< 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
Dichlorodifluoromethane	< 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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW101-052115-1445
Lab Sample ID: 152026-02 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date 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-Dichloroethene	< 2.00	ug/L		5/22/2015 16:15
trans-1,3-Dichloropropene	< 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

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW102-052115-1715
Lab Sample ID: 152026-03 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date Received:** 5/22/2015

Dissolved Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	**5.17**	mg/L		5/29/2015

Method Reference(s): EPA 200.7
Subcontractor 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

Analyte	Result	Units	Qualifier	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier:	MW102-052115-1715		
Lab Sample ID:	152026-03	**Date Sampled:**	5/21/2015
Matrix:	Groundwater	**Date Received:**	5/22/2015

1,2-Dibromo-3-Chloropropane	< 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
Dichlorodifluoromethane	< 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	16:38
m,p-Xylene	< 2.00	ug/L	5/22/2015	16:38

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 152026

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Sample Identifier: MW102-052115-1715
Lab Sample ID: 152026-03 **Date Sampled:** 5/21/2015
Matrix: Groundwater **Date 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-Dichloroethene	< 2.00	ug/L		5/22/2015 16:38
trans-1,3-Dichloropropene	< 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	Percent Recovery	Limits	Outliers	Date Analyzed
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
Toluene-D8	**96.8**	90.9 - 108		5/22/2015 16:38

Method Reference(s): EPA 8260C
EPA 5030
Data File: x23023.D

Adirondack Environmental Services, Inc

Date: *08-Jun-15*

CLIENT: Paradigm Environmental
Work Order: 150528004
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: 44470

MS

SeqNo: **1770143** PrepDate:**5/28/2015** TestNo: **E200.7** RunNo: **125152**
Samp ID: **150527052-001** PrepRef:**(SW3010A)** Units: **mg/L** Analysis Date: **6/5/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	0.9874	0.0500	1	0.01106	97.6	75	120	0	0		

DUP

SeqNo: **1770142** PrepDate:**5/28/2015** TestNo: **E200.7** RunNo: **125152**
Samp ID: **150527052-001** PrepRef: Units: **mg/L** Analysis Date: **6/5/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	<	0.0500	0	0	0	0	0	0.01106	0	17.9	

Qualifiers:

ND - Not Detected at the Reporting Limit
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

CLIENT: Paradigm Environmental
Work Order: 150528004
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: 44476

MBLK	SeqNo: **1766102**	PrepDate:5/28/2015	TestNo: **E200.7F**	RunNo: **124921**
	Samp ID: **MB-44476**	PrepRef:(SW3005A)	Units: **mg/L**	Analysis Date: **5/29/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron, Dissolved	<	0.0500									

LCS	SeqNo: **1766103**	PrepDate:5/28/2015	TestNo: **E200.7F**	RunNo: **124921**
	Samp ID: **LCS-44476**	PrepRef:(SW3005A)	Units: **mg/L**	Analysis Date: **5/29/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron, Dissolved	1.929	0.0500	2	0	96.4	87.5	113	0	0		

Qualifiers:

ND - Not Detected at the Reporting Limit
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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich

Project Reference: Former Autohaus, 35294-010

Lab Project ID: 152026

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
1,1,1-Trichloroethane	<2.00	ug/L		5/22/2015	13:28
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
1,1-Dichloroethane	<2.00	ug/L		5/22/2015	13:28
1,1-Dichloroethene	<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		5/22/2015	13:28
1,2-Dichlorobenzene	<2.00	ug/L		5/22/2015	13:28
1,2-Dichloroethane	<2.00	ug/L		5/22/2015	13:28
1,2-Dichloropropane	<2.00	ug/L		5/22/2015	13:28
1,3-Dichlorobenzene	<2.00	ug/L		5/22/2015	13:28
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
4-Methyl-2-pentanone	<5.00	ug/L		5/22/2015	13:28
Acetone	<10.0	ug/L		5/22/2015	13:28
Benzene	<0.700	ug/L		5/22/2015	13:28
Bromochloromethane	<5.00	ug/L		5/22/2015	13:28
Bromodichloromethane	<2.00	ug/L		5/22/2015	13:28
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Lab Project ID: 152026

Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
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	13:28
Dichlorodifluoromethane	<2.00	ug/L		5/22/2015	13:28
Ethylbenzene	<2.00	ug/L		5/22/2015	13:28
Freon 113	<2.00	ug/L		5/22/2015	13:28
Isopropylbenzene	<2.00	ug/L		5/22/2015	13:28
m,p-Xylene	<2.00	ug/L		5/22/2015	13:28
Methyl acetate	<2.00	ug/L		5/22/2015	13:28
Methyl tert-butyl Ether	<2.00	ug/L		5/22/2015	13:28
Methylcyclohexane	<2.00	ug/L		5/22/2015	13:28
Methylene chloride	<5.00	ug/L		5/22/2015	13:28
o-Xylene	<2.00	ug/L		5/22/2015	13:28
Styrene	<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	13:28
Vinyl chloride	<2.00	ug/L		5/22/2015	13:28

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: **Haley & Aldrich**
Project Reference: Former Autohaus, 35294-010
Lab Project ID: 152026
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
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

PARADIGM
ENVIRONMENTAL SERVICES, INC

QC Report for Laboratory Control Sample

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Lab Project ID: 152026

Matrix: Groundwater

Volatile Organics

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

Report Prepared Thursday, May 28, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Lab Project ID: 152026

Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chlorobenzene	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
Chloromethane	20.0	ug/L	19.6	98.2	79.4 - 129		5/22/2015
cis-1,3-Dichloropropene	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
Ethylbenzene	20.0	ug/L	20.6	103	83.4 - 117		5/22/2015
Methylene chloride	20.0	ug/L	21.9	110	71.9 - 127		5/22/2015
Tetrachloroethene	20.0	ug/L	19.3	96.7	72.6 - 130		5/22/2015
Toluene	20.0	ug/L	19.8	99.0	84.3 - 117		5/22/2015
trans-1,2-Dichloroethene	20.0	ug/L	20.4	102	74.7 - 129		5/22/2015
trans-1,3-Dichloropropene	20.0	ug/L	20.9	104	68 - 118		5/22/2015
Trichloroethene	20.0	ug/L	19.8	98.8	84.1 - 117		5/22/2015
Trichlorofluoromethane	20.0	ug/L	19.8	99.1	72.2 - 133		5/22/2015
Vinyl chloride	20.0	ug/L	22.9	115	79.7 - 134		5/22/2015

Report Prepared *Thursday, May 28, 2015*

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: **Haley & Aldrich**

Project Reference: Former Autohaus, 35294-010

Lab Project ID: 152026

Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed

Method Reference(s): EPA 8260C
EPA 5030

Data File: x23014.D

QC Number: 1

QC Batch ID: voaw052215

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, tern 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 re-perform 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 final report.
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 samples.
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.

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:				INVOICE TO:			
CLIENT:	HALEY & ALDRICH OF NY			CLIENT:	Same as left		
ADDRESS:	200 TOWN CENTRE DR			ADDRESS:			
CITY:	ROCHESTER	STATE: NY	ZIP: 14623	CITY:	STATE:	ZIP:	
PHONE:	585-321-4262			PHONE:			
ATTN:	M. RAMSDELL			ATTN:	mramsdell@haleyaldrich.com		

LAB PROJECT ID: 152026

Quotation #:

Email:

PROJECT REFERENCE: FORMER AUTOHAUS 35294-010

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	REQUESTED ANALYSIS: VOC's TCL	TOC	Total Fe	Dissolved Fe	Sulfate	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	05/21/15	1300		X	GP009-052115-1300	WG	7	X	X	X	X	X		01
2	~~05/21/15~~	~~1400~~		X	~~MW101-052115-1400~~									DUP
3	05/21/15	1445		X	MW101-052115-1445	WG	7	X	X	X	X	X		02
4	05/21/15	1715		X	MW102-052115-1715	WG	7	X	X	X	X	X		03
5														
6														
7														
8														
9														
10														

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	
Rush 2 day		Category B			
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

Sampled By: [signature] Date/Time: 5/21/15 1715

Relinquished By: [signature] Date/Time: 5/22/15 0830

Received By: [signature] Date/Time: 5/22/15 0830

Received @ Lab By: [signature] Date/Time: 5/22/15 09:33

3°C iced 5/22/15 09:03

Total Cost:

P.I.F.

Chain of Custody Supplement

Client: Haley & Aldrich Completed by: Glen Pezzulo

Lab Project ID: 152026 Date: 5/22/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA TOC		X
Comments			
Preservation	X		X Sulfate
Comments	Dissolved Fe samples preserved w/ HNO3 in lab, on hold for 24 hours.		
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	3°C iced		
Sufficient Sample Quantity	X		
Comments			

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

1 of 1

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman
		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Date Due:	6/1

NEC

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	Fe	Dissolved Fe	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5-27-15				152026-01	Ground water	1	X		Method 6010C	001
2					152026-01				X		
3					152026-02			X			002
4					152026-02				X		
5					152026-03			X			003
6					152026-03	↓	↓		X		
7											
8											
9					Sample containers						
10					were not supplied by ACS				J.M. 5/28/15		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature: 8.0 C	Y ☐	N ☐
Comments:		

Client

Sampled By: AP — Date/Time: 5/27/15 16:00

Relinquished By — Date/Time

Total Cost:

Received By: J. Mc — Date/Time: 5/28/15 8:11 Am

Received @ Lab By — Date/Time

P.I.F.

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

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

PARADIGM ENVIRONMENTAL SERVICES, INC.

1505270 15

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman
		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Date Due:	6/3

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	TOC	Sulfide	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	5/21/15	13:00		X	152026-01	Ground Water	3	X	X	001	
2	↓	14:45		↓	02	↓	↓	↓	↓	002	
3	↓	17:15		↓	03	↓	↓	↓	↓	003	
4											
5											
6											
7											
8											
9											
10											

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type: Comments: Not ACS	Y ☑	N ☐
Preservation: Comments:	Y ☑	N ☐
Holding Time: Comments:	Y ☑	N ☐
Temperature: Comments: 10 °C	Y ☑	N ☐

Client

Sampled By: [signature] Date/Time: 5/26/15 16:00

Relinquished By: Date/Time:

Received By: K. Miller Date/Time: 5-27-15 10:16am

Received @ Lab By: Date/Time:

Total Cost:

P.I.F.

PARADIGM

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW011-081715-1150
Lab Sample ID: 153479-01 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW011-081715-1150
Lab Sample ID: 153479-01 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Chloromethane	< 2.00	ug/L	8/24/2015	21:01
cis-1,2-Dichloroethene	< 2.00	ug/L	8/24/2015	21:01
cis-1,3-Dichloropropene	< 2.00	ug/L	8/24/2015	21:01
Cyclohexane	< 10.0	ug/L	8/24/2015	21:01
Dibromochloromethane	< 2.00	ug/L	8/24/2015	21:01
Dichlorodifluoromethane	< 2.00	ug/L	8/24/2015	21:01
Ethylbenzene	< 2.00	ug/L	8/24/2015	21:01
Freon 113	< 2.00	ug/L	8/24/2015	21:01
Isopropylbenzene	< 2.00	ug/L	8/24/2015	21:01
m,p-Xylene	< 2.00	ug/L	8/24/2015	21:01
Methyl acetate	< 2.00	ug/L	8/24/2015	21:01
Methyl tert-butyl Ether	< 2.00	ug/L	8/24/2015	21:01
Methylcyclohexane	< 2.00	ug/L	8/24/2015	21:01
Methylene chloride	< 5.00	ug/L	8/24/2015	21:01
o-Xylene	< 2.00	ug/L	8/24/2015	21:01
Styrene	< 5.00	ug/L	8/24/2015	21:01
Tetrachloroethene	< 2.00	ug/L	8/24/2015	21:01
Toluene	< 2.00	ug/L	8/24/2015	21:01
trans-1,2-Dichloroethene	< 2.00	ug/L	8/24/2015	21:01
trans-1,3-Dichloropropene	< 2.00	ug/L	8/24/2015	21:01
Trichloroethene	< 2.00	ug/L	8/24/2015	21:01
Trichlorofluoromethane	< 2.00	ug/L	8/24/2015	21:01
Vinyl chloride	< 2.00	ug/L	8/24/2015	21:01

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	81.1 - 116		8/24/2015	21:01
4-Bromofluorobenzene	**85.3**	82.3 - 113		8/24/2015	21:01
Pentafluorobenzene	**93.4**	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW102-081715-1310
Lab Sample ID: 153479-02 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date 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

Sulfate

Analyte	Result	Units	Qualifier	Date Analyzed
Sulfate	**5.3**	mg/L		8/24/2015

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	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier:	MW102-081715-1310		
Lab Sample ID:	153479-02	**Date Sampled:**	8/17/2015
Matrix:	Groundwater	**Date Received:**	8/18/2015

1,1-Dichloroethene	< 2.00	ug/L		8/25/2015	02:30
1,2,3-Trichlorobenzene	< 5.00	ug/L		8/25/2015	02:30
1,2,4-Trichlorobenzene	< 5.00	ug/L		8/25/2015	02:30
1,2-Dibromo-3-Chloropropane	< 10.0	ug/L		8/25/2015	02:30
1,2-Dibromoethane	< 2.00	ug/L		8/25/2015	02:30
1,2-Dichlorobenzene	**85.5**	ug/L	M	8/25/2015	02:30
1,2-Dichloroethane	< 2.00	ug/L		8/25/2015	02:30
1,2-Dichloropropane	< 2.00	ug/L		8/25/2015	02:30
1,3-Dichlorobenzene	< 2.00	ug/L		8/25/2015	02:30
1,4-Dichlorobenzene	**7.09**	ug/L		8/25/2015	02:30
1,4-dioxane	< 20.0	ug/L		8/25/2015	02:30
2-Butanone	< 10.0	ug/L		8/25/2015	02:30
2-Hexanone	< 5.00	ug/L		8/25/2015	02:30
4-Methyl-2-pentanone	< 5.00	ug/L		8/25/2015	02:30
Acetone	< 10.0	ug/L		8/25/2015	02:30
Benzene	< 1.00	ug/L		8/25/2015	02:30
Bromochloromethane	< 5.00	ug/L		8/25/2015	02:30
Bromodichloromethane	< 2.00	ug/L		8/25/2015	02:30
Bromoform	< 5.00	ug/L		8/25/2015	02:30
Bromomethane	< 2.00	ug/L		8/25/2015	02:30
Carbon disulfide	< 2.00	ug/L		8/25/2015	02:30
Carbon Tetrachloride	< 2.00	ug/L		8/25/2015	02:30
Chlorobenzene	< 2.00	ug/L		8/25/2015	02:30
Chloroethane	< 2.00	ug/L		8/25/2015	02:30
Chloroform	< 2.00	ug/L		8/25/2015	02:30
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW102-081715-1310
Lab Sample ID: 153479-02 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date 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-Dichloroethene	< 2.00	ug/L			8/25/2015 02:30
trans-1,3-Dichloropropene	< 2.00	ug/L			8/25/2015 02:30
Trichloroethene	< 2.00	ug/L			8/25/2015 02:30
Trichlorofluoromethane	< 2.00	ug/L			8/25/2015 02:30
Vinyl chloride	< 2.00	ug/L			8/25/2015 02:30

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW001-081715-1510
Lab Sample ID: 153479-03 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW001-081715-1510
Lab Sample ID: 153479-03 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date 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-Dichloropropene	< 2.00	ug/L		8/24/2015	21:25
Cyclohexane	< 10.0	ug/L		8/24/2015	21:25
Dibromochloromethane	< 2.00	ug/L		8/24/2015	21:25
Dichlorodifluoromethane	< 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-Dichloroethene	< 2.00	ug/L		8/24/2015	21:25
trans-1,3-Dichloropropene	< 2.00	ug/L		8/24/2015	21:25
Trichloroethene	< 2.00	ug/L		8/24/2015	21:25
Trichlorofluoromethane	< 2.00	ug/L		8/24/2015	21:25
Vinyl chloride	< 2.00	ug/L		8/24/2015	21:25

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: 0123-081715-0001
Lab Sample ID: 153479-04 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: 0123-081715-0001
Lab Sample ID: 153479-04 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date 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-Dichloropropene	< 2.00	ug/L		8/24/2015 21:48
Cyclohexane	< 10.0	ug/L		8/24/2015 21:48
Dibromochloromethane	< 2.00	ug/L		8/24/2015 21:48
Dichlorodifluoromethane	< 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-Dichloroethene	< 2.00	ug/L		8/24/2015 21:48
trans-1,3-Dichloropropene	< 2.00	ug/L		8/24/2015 21:48
Trichloroethene	< 2.00	ug/L		8/24/2015 21:48
Trichlorofluoromethane	< 2.00	ug/L		8/24/2015 21:48
Vinyl chloride	< 2.00	ug/L		8/24/2015 21:48

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**110**	81.1 - 116		8/24/2015 21:48
4-Bromofluorobenzene	**87.6**	82.3 - 113		8/24/2015 21:48
Pentafluorobenzene	**91.1**	91.1 - 110		8/24/2015 21:48
Toluene-D8	**90.1**	91.4 - 106	*	8/24/2015 21:48

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25622.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: 0123-081715-0002
Lab Sample ID: 153479-05 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.100	mg/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 300.0
Subcontractor 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

Analyte	Result	Units	Qualifier	Date Analyzed
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

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier:	0123-081715-0002		
Lab Sample ID:	153479-05	**Date Sampled:**	8/17/2015
Matrix:	Groundwater	**Date Received:**	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
Dichlorodifluoromethane	< 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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: 0123-081715-0002
Lab Sample ID: 153479-05 **Date Sampled:** 8/17/2015
Matrix: Groundwater **Date 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-Dichloroethene	< 2.00	ug/L			8/24/2015 22:12
trans-1,3-Dichloropropene	< 2.00	ug/L			8/24/2015 22:12
Trichloroethene	< 2.00	ug/L			8/24/2015 22:12
Trichlorofluoromethane	< 2.00	ug/L			8/24/2015 22:12
Vinyl chloride	< 2.00	ug/L			8/24/2015 22:12

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

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

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

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	< 2.00	ug/L	8/24/2015	22:35
cis-1,2-Dichloroethene	< 2.00	ug/L	8/24/2015	22:35
cis-1,3-Dichloropropene	< 2.00	ug/L	8/24/2015	22:35
Cyclohexane	< 10.0	ug/L	8/24/2015	22:35
Dibromochloromethane	< 2.00	ug/L	8/24/2015	22:35
Dichlorodifluoromethane	< 2.00	ug/L	8/24/2015	22:35
Ethylbenzene	< 2.00	ug/L	8/24/2015	22:35
Freon 113	< 2.00	ug/L	8/24/2015	22:35
Isopropylbenzene	< 2.00	ug/L	8/24/2015	22:35
m,p-Xylene	< 2.00	ug/L	8/24/2015	22:35
Methyl acetate	< 2.00	ug/L	8/24/2015	22:35
Methyl tert-butyl Ether	< 2.00	ug/L	8/24/2015	22:35
Methylcyclohexane	< 2.00	ug/L	8/24/2015	22:35
Methylene chloride	< 5.00	ug/L	8/24/2015	22:35
o-Xylene	< 2.00	ug/L	8/24/2015	22:35
Styrene	< 5.00	ug/L	8/24/2015	22:35
Tetrachloroethene	< 2.00	ug/L	8/24/2015	22:35
Toluene	< 2.00	ug/L	8/24/2015	22:35
trans-1,2-Dichloroethene	< 2.00	ug/L	8/24/2015	22:35
trans-1,3-Dichloropropene	< 2.00	ug/L	8/24/2015	22:35
Trichloroethene	< 2.00	ug/L	8/24/2015	22:35
Trichlorofluoromethane	< 2.00	ug/L	8/24/2015	22:35
Vinyl chloride	< 2.00	ug/L	8/24/2015	22:35

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**111**	81.1 - 116		8/24/2015	22:35
4-Bromofluorobenzene	**84.6**	82.3 - 113		8/24/2015	22:35
Pentafluorobenzene	**89.3**	91.1 - 110	*	8/24/2015	22:35
Toluene-D8	**89.1**	91.4 - 106	*	8/24/2015	22:35

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25624.D

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW08S-081815-1015
Lab Sample ID: 153479-07 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW08S-081815-1015
Lab Sample ID: 153479-07 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Chloromethane	< 2.00	ug/L	8/24/2015	22:59
cis-1,2-Dichloroethene	< 2.00	ug/L	8/24/2015	22:59
cis-1,3-Dichloropropene	< 2.00	ug/L	8/24/2015	22:59
Cyclohexane	< 10.0	ug/L	8/24/2015	22:59
Dibromochloromethane	< 2.00	ug/L	8/24/2015	22:59
Dichlorodifluoromethane	< 2.00	ug/L	8/24/2015	22:59
Ethylbenzene	< 2.00	ug/L	8/24/2015	22:59
Freon 113	< 2.00	ug/L	8/24/2015	22:59
Isopropylbenzene	< 2.00	ug/L	8/24/2015	22:59
m,p-Xylene	< 2.00	ug/L	8/24/2015	22:59
Methyl acetate	< 2.00	ug/L	8/24/2015	22:59
Methyl tert-butyl Ether	< 2.00	ug/L	8/24/2015	22:59
Methylcyclohexane	< 2.00	ug/L	8/24/2015	22:59
Methylene chloride	< 5.00	ug/L	8/24/2015	22:59
o-Xylene	< 2.00	ug/L	8/24/2015	22:59
Styrene	< 5.00	ug/L	8/24/2015	22:59
Tetrachloroethene	< 2.00	ug/L	8/24/2015	22:59
Toluene	< 2.00	ug/L	8/24/2015	22:59
trans-1,2-Dichloroethene	< 2.00	ug/L	8/24/2015	22:59
trans-1,3-Dichloropropene	< 2.00	ug/L	8/24/2015	22:59
Trichloroethene	< 2.00	ug/L	8/24/2015	22:59
Trichlorofluoromethane	< 2.00	ug/L	8/24/2015	22:59
Vinyl chloride	< 2.00	ug/L	8/24/2015	22:59

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**112**	81.1 - 116		8/24/2015	22:59
4-Bromofluorobenzene	**81.5**	82.3 - 113	*	8/24/2015	22:59
Pentafluorobenzene	**88.6**	91.1 - 110	*	8/24/2015	22:59
Toluene-D8	**88.8**	91.4 - 106	*	8/24/2015	22:59

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25625.D

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW012-081815-1150
Lab Sample ID: 153479-08 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW012-081815-1150
Lab Sample ID: 153479-08 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Chloromethane	< 2.00	ug/L		8/24/2015 23:22
cis-1,2-Dichloroethene	< 2.00	ug/L		8/24/2015 23:22
cis-1,3-Dichloropropene	< 2.00	ug/L		8/24/2015 23:22
Cyclohexane	< 10.0	ug/L		8/24/2015 23:22
Dibromochloromethane	< 2.00	ug/L		8/24/2015 23:22
Dichlorodifluoromethane	< 2.00	ug/L		8/24/2015 23:22
Ethylbenzene	< 2.00	ug/L		8/24/2015 23:22
Freon 113	< 2.00	ug/L		8/24/2015 23:22
Isopropylbenzene	< 2.00	ug/L		8/24/2015 23:22
m,p-Xylene	< 2.00	ug/L		8/24/2015 23:22
Methyl acetate	< 2.00	ug/L		8/24/2015 23:22
Methyl tert-butyl Ether	< 2.00	ug/L		8/24/2015 23:22
Methylcyclohexane	< 2.00	ug/L		8/24/2015 23:22
Methylene chloride	< 5.00	ug/L		8/24/2015 23:22
o-Xylene	< 2.00	ug/L		8/24/2015 23:22
Styrene	< 5.00	ug/L		8/24/2015 23:22
Tetrachloroethene	< 2.00	ug/L		8/24/2015 23:22
Toluene	< 2.00	ug/L		8/24/2015 23:22
trans-1,2-Dichloroethene	< 2.00	ug/L		8/24/2015 23:22
trans-1,3-Dichloropropene	< 2.00	ug/L		8/24/2015 23:22
Trichloroethene	< 2.00	ug/L		8/24/2015 23:22
Trichlorofluoromethane	< 2.00	ug/L		8/24/2015 23:22
Vinyl chloride	< 2.00	ug/L		8/24/2015 23:22

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW010-081815-1250
Lab Sample ID: 153479-09 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date Received:** 8/18/2015

Volatile Organics

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW010-081815-1250
Lab Sample ID: 153479-09 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date 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-Dichloropropene	< 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
Dichlorodifluoromethane	< 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-Dichloroethene	< 2.00	ug/L		8/24/2015 23:46
trans-1,3-Dichloropropene	< 2.00	ug/L		8/24/2015 23:46
Trichloroethene	< 2.00	ug/L		8/24/2015 23:46
Trichlorofluoromethane	< 2.00	ug/L		8/24/2015 23:46
Vinyl chloride	< 2.00	ug/L		8/24/2015 23:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**114**	81.1 - 116		8/24/2015 23:46
4-Bromofluorobenzene	**82.7**	82.3 - 113		8/24/2015 23:46
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

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW101-081815-1350
Lab Sample ID: 153479-10 **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		8/20/2015 11:36

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 8/19/2015
Data File: 082015a

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	**1.77**	mg/L		8/20/2015 11:41

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 8/19/2015
Data File: 082015a

Sulfate

Analyte	Result	Units	Qualifier	Date Analyzed
Sulfate	**9.1**	mg/L		8/24/2015

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

Total Organic Carbon

Analyte	Result	Units	Qualifier	Date Analyzed
Total Organic Carbon	**1.9**	mg/L		8/26/2015

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

Volatile Organics

Analyte	Result	Units	Qualifier	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier:	MW101-081815-1350		
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-Chloropropane	< 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
Dichlorodifluoromethane	< 2.00	ug/L	8/25/2015	03:40
Ethylbenzene	< 2.00	ug/L	8/25/2015	03:40

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

Project Reference: 35294-010

Sample Identifier: MW101-081815-1350
Lab Sample ID: 153479-10 **Date Sampled:** 8/18/2015
Matrix: Groundwater **Date 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-Dichloropropene	< 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

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
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

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

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

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: 082015a

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	**7.58**	mg/L		8/20/2015 11:50

Method Reference(s): EPA 6010C
EPA 3005
Preparation Date: 8/19/2015
Data File: 082015a

Sulfate

Analyte	Result	Units	Qualifier	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	Qualifier	Date Analyzed
Total Organic Carbon	**11**	mg/L		8/26/2015

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

Volatile Organics

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

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-Chloropropane	< 10.0	ug/L	8/25/2015 04:04
1,2-Dibromoethane	< 2.00	ug/L	8/25/2015 04:04
1,2-Dichlorobenzene	**50.9**	ug/L	8/25/2015 04:04
1,2-Dichloroethane	< 2.00	ug/L	8/25/2015 04:04
1,2-Dichloropropane	< 2.00	ug/L	8/25/2015 04:04
1,3-Dichlorobenzene	< 2.00	ug/L	8/25/2015 04:04
1,4-Dichlorobenzene	**2.58**	ug/L	8/25/2015 04:04
1,4-dioxane	< 20.0	ug/L	8/25/2015 04:04
2-Butanone	< 10.0	ug/L	8/25/2015 04:04
2-Hexanone	< 5.00	ug/L	8/25/2015 04:04
4-Methyl-2-pentanone	< 5.00	ug/L	8/25/2015 04:04
Acetone	**23.4**	ug/L	8/25/2015 04:04
Benzene	< 1.00	ug/L	8/25/2015 04:04
Bromochloromethane	< 5.00	ug/L	8/25/2015 04:04
Bromodichloromethane	< 2.00	ug/L	8/25/2015 04:04
Bromoform	< 5.00	ug/L	8/25/2015 04:04
Bromomethane	< 2.00	ug/L	8/25/2015 04:04
Carbon disulfide	< 2.00	ug/L	8/25/2015 04:04
Carbon Tetrachloride	< 2.00	ug/L	8/25/2015 04:04
Chlorobenzene	< 2.00	ug/L	8/25/2015 04:04
Chloroethane	< 2.00	ug/L	8/25/2015 04:04
Chloroform	< 2.00	ug/L	8/25/2015 04:04
Chloromethane	**2.29**	ug/L	8/25/2015 04:04
cis-1,2-Dichloroethene	< 2.00	ug/L	8/25/2015 04:04
cis-1,3-Dichloropropene	< 2.00	ug/L	8/25/2015 04:04
Cyclohexane	< 10.0	ug/L	8/25/2015 04:04
Dibromochloromethane	< 2.00	ug/L	8/25/2015 04:04
Dichlorodifluoromethane	< 2.00	ug/L	8/25/2015 04:04
Ethylbenzene	< 2.00	ug/L	8/25/2015 04:04

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

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

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-Dichloropropene	< 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

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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

Report Prepared Wednesday, September 02, 2015

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

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

Analyte	Result	Units	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

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 153479

Client: **Haley & Aldrich**

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

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
Dichlorodifluoromethane	< 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-Dichloroethene	< 2.00	ug/L	8/24/2015	20:38
trans-1,3-Dichloropropene	< 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	Percent Recovery	Limits	Outliers	Date Analyzed	
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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample and Control Sample Duplicate

Client: Haley & Aldrich

Project Reference: 35294-010

Lab Project ID: 153479

Matrix: Groundwater

Metals

Analyte	LCS Added	LCSD Added	Spike Units	LCS Result	LCSD Result	LCS % Recovery	LCSD % Recovery	% Rec Limits	LCS Outliers	LCSD Outliers	Relative % Difference	RPD Limit	RPD Outliers	Date Analyzed
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: 1
QC Batch ID: QC150819water1

Report Prepared Tuesday, August 25, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	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
EPA 3005
Preparation Date: 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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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

Metals

Analyte	Sample Results	Result Units	Spike Added	Spike Result	Spike % Recovery	% Rec Limits	Spike Outliers	Duplicate Result	Relative % Difference	RPD Limit	RPD Outliers	Date 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
EPA 3005
Preparation Date: 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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	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-Dichlorobenzene	<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-Hexanone	<5.00	ug/L		8/24/2015	15:56
4-Methyl-2-pentanone	<5.00	ug/L		8/24/2015	15:56
Acetone	<10.0	ug/L		8/24/2015	15:56
Benzene	<1.00	ug/L		8/24/2015	15:56
Bromochloromethane	<5.00	ug/L		8/24/2015	15:56
Bromodichloromethane	<2.00	ug/L		8/24/2015	15:56
Bromoform	<5.00	ug/L		8/24/2015	15:56
Bromomethane	<2.00	ug/L		8/24/2015	15:56
Carbon disulfide	<2.00	ug/L		8/24/2015	15:56
Carbon Tetrachloride	<2.00	ug/L		8/24/2015	15:56
Chlorobenzene	<2.00	ug/L		8/24/2015	15:56
Chloroethane	<2.00	ug/L		8/24/2015	15:56

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
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

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
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

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25606.D
QC Number: 1
QC Batch ID: voaw082415

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed	
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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	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
Vinyl chloride	<2.00	ug/L		8/25/2015	02:07

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Method Blank Report

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
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: 1

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date 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

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed
Chloroethane	20.0	ug/L	19.7	98.6	76.7 - 134		8/25/2015
Chloroform	20.0	ug/L	20.7	104	83 - 119		8/25/2015
Chloromethane	20.0	ug/L	19.8	99.0	66.7 - 136		8/25/2015
cis-1,3-Dichloropropene	20.0	ug/L	19.9	99.4	89.2 - 133		8/25/2015
Dibromochloromethane	20.0	ug/L	19.1	95.7	67.2 - 121		8/25/2015
Ethylbenzene	20.0	ug/L	18.8	93.8	81.8 - 121		8/25/2015
Methylene chloride	20.0	ug/L	18.9	94.5	77.8 - 125		8/25/2015
Tetrachloroethene	20.0	ug/L	23.2	116	70.7 - 134		8/25/2015
Toluene	20.0	ug/L	19.0	95.0	82.4 - 118		8/25/2015
trans-1,2-Dichloroethene	20.0	ug/L	20.0	99.9	78.9 - 123		8/25/2015
trans-1,3-Dichloropropene	20.0	ug/L	18.3	91.4	73.5 - 126		8/25/2015
Trichloroethene	20.0	ug/L	18.4	92.2	81.7 - 122		8/25/2015
Trichlorofluoromethane	20.0	ug/L	19.6	97.8	68.8 - 133		8/25/2015
Vinyl chloride	20.0	ug/L	19.2	95.8	75.8 - 137		8/25/2015

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

QC Report for Laboratory Control Sample

Client: Haley & Aldrich
Project Reference: 35294-010
Lab Project ID: 153479
Matrix: Groundwater

Volatile Organics

Analyte	Spike Added	Spike Units	LCS Result	LCS % Recovery	% Rec Limits	LCS Outliers	Date Analyzed

Method Reference(s): EPA 8260C
EPA 5030
Data File: x25632.D
QC Number: 1
QC Batch ID: voaq082415

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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
Sample Identifier: MW102-081715-1310
Matrix: Groundwater

Date Sampled: 8/17/2015
Date Received: 8/18/2015
Date Analyzed: 8/25/2015

Volatile Organics

Analyte	Sample Result	Result Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
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.

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

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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 Analyzed:** 8/25/2015

Volatile Organics

Analyte	Sample Result	Result Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
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.

Report Prepared Tuesday, September 01, 2015

PARADIGM
ENVIRONMENTAL SERVICES, INC.

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 Analyzed:** 8/25/2015

Volatile Organics

Analyte	Sample Result	Result Units	MS Added	MS Result	MS % Recovery	MSD Added	MSD Result	MSD % Recovery	% Rec. Limits	MS Outlier	MSD Outlier	Relative % Diff.	RPD Limit	RPD Outlier
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
QC Batch ID: voaq082415

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

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

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** | Samp ID: **WC2-119-U ER** | TestNo: **SW9056** | Units: **µg/g** | RunNo: ***127578*** | Analysis Date: **8/24/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	250.4	20.0	210	0	119	79.5	121	0	0		

DUP — SeqNo: **1812560** | Samp ID: **150722030-053** | TestNo: **SW9056** | Units: **µg/g** | RunNo: ***127578*** | Analysis Date: **8/24/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	99.03	2.00	0	0	0	0	0	95.63	3.49	20	H

MBLK — SeqNo: **1812553** | Samp ID: **MBLK** | TestNo: **E300** | Units: **mg/L** | RunNo: ***127578*** | Analysis Date: **8/24/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	<	1.00									

LCS — SeqNo: **1812554** | Samp ID: **LCS** | TestNo: **E300** | Units: **mg/L** | RunNo: ***127578*** | Analysis Date: **8/24/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	42.57	10.0	40	0	106	90	110	0	0		

LCS — SeqNo: **1812575** | Samp ID: **LCS** | TestNo: **E300** | Units: **mg/L** | RunNo: ***127578*** | Analysis 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** | Samp ID: **150820008-001b** ***(153479-02)*** | TestNo: **E300** | Units: **mg/L** | RunNo: ***127578*** | Analysis Date: **8/24/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	16.05	2.00	10	5.26	108	83.7	117	0	0		

Qualifiers:
ND - Not Detected at the Reporting Limit
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

CLIENT: Paradigm Environmental
Work Order: 150820008
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127578

MSD	SeqNo: **1812569**	TestNo: **E300**	RunNo: ***127578***
	Samp ID: **150820008-001b** ***(153479-02)***	Units: **mg/L**	Analysis Date: **8/24/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	16.02	2.00	10	5.26	108	83.7	117	16.05	0.172	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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

CLIENT: Paradigm Environmental
Work Order: 150820008
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127618

MBLK SeqNo: **1813290** TestNo: **E300** RunNo: ***127618***
Samp ID: **MBLK** Units: **mg/L** Analysis Date: **8/25/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	<	1.00									

LCS SeqNo: **1813291** TestNo: **E300** RunNo: ***127618***
Samp ID: **LCS** Units: **mg/L** Analysis Date: **8/25/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	38.42	10.0	40	0	96	90	110	0	0		

LCS SeqNo: **1813316** TestNo: **E300** RunNo: ***127618***
Samp ID: **LCS** Units: **mg/L** Analysis Date: **8/25/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	37.12	10.0	40	0	92.8	90	110	0	0		

MS SeqNo: **1813309** TestNo: **E300** RunNo: ***127618***
Samp ID: **150825016-012a** Units: **mg/L** Analysis Date: **8/25/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	179	4.00	20	159.1	99.5	83.7	117	0	0		

MSD SeqNo: **1813310** TestNo: **E300** RunNo: ***127618***
Samp ID: **150825016-012a** Units: **mg/L** Analysis Date: **8/25/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sulfate	176	4.00	20	159.1	84	83.7	117	179	1.74	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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

CLIENT: Paradigm Environmental
Work Order: 150820008
Project: Analysis of Samples

ANALYTICAL QC SUMMARY REPORT

BatchID: R127653

MBLK
SeqNo: **1814043** TestNo: **SM 5310C** RunNo: ***127653***
Samp ID: **MBLK** Units: **mg/L** Analysis Date: **8/26/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	<	1.00	0	0	0	0	0	0	0		

lcs
SeqNo: **1814028** TestNo: **SM 5310C** RunNo: ***127653***
Samp ID: **LCS 30 mg/l** Units: **mg/L** Analysis Date: **8/26/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	28.61	1.00	30	0	95.4	87.4	115	0	0		

dup
SeqNo: **1814032** TestNo: **SM 5310C** RunNo: ***127653***
Samp ID: **150820008-001** Units: **mg/L** Analysis Date: **8/26/2015**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Total Organic Carbon	9.356	1.00	0	0	0	0	0	9.268	0.939	12.9	

Qualifiers:
ND - Not Detected at the Reporting Limit
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

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, tern 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 re-perform 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 final report.
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 samples.
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.

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:			INVOICE TO:			LAB PROJECT ID
CLIENT: HALEY & ALDRICH			CLIENT: SAME			153479
ADDRESS: 200 Town Centre Dr. Suite 2			ADDRESS:			Quotation #: M50619144
CITY: Rochester	STATE: NY	ZIP: 14623	CITY:	STATE:	ZIP:	
PHONE: 585-321-4262			PHONE:			Email: MRamsdell@haleyAldrich.com
ATTN: Mark Ramsdell			ATTN:			

PROJECT REFERENCE

35294-010

Matrix Codes:

AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

5/19/09 version 7.2

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC 7.2	TOC	Sulfate	Total Iron	Dissolved Iron	4 Field Filtered	Perchlorate	5/19/09 ver 7.2			REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/17/15	1150	⊗	X	MW011-081715-1150	WG	2	X										Normal	01
2	8/17/15	1310		X	MW102-081715-1310	WG	21	X	X	X	X	X						N, MS, MSD	02
3	8/17/15	1510		X	MW001-081715-1510	WG	2	X										N	03
4	8/17/15	-		X	FD123-081715-0001	WG	2	X										FD	04
5	8/17/15	1530		X	0123-081715-0002	WG	06	X	X	X	X							EB, No diss. Iron	05
6	8/18/15	915		X	MW08D-081815-0915	WG	2	X										N	06
7	8/18/15	1015		X	MW085-081815-1015	WG	2	X										N	07
8	8/18/15	1150		X	MW012-081815-1150	WG	2	X										N	08
9	8/18/15	1250		X	MW010-081815-1250	WG	2	X										N	09
10	8/18/15	1350		X	MW101-081815-1350	WG	7	X	X	X	X	X						N	10

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B			
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

10 Day per quote - per JO mv 8/18/15

DB Keller	08/18/15 16:45	Total Cost:
Sampled By	Date/Time	
DB Keller	08/18/15 16:45	
Relinquished By	Date/Time	
[signature]	8/18/15 1645	
Received By	Date/Time	P.I.F.
[signature]	8/18/15 17:10	
Received @ Lab By	Date/Time	

6°C iced 8/18/15 17:02

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

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CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:			INVOICE TO:			LAB PROJECT ID
CLIENT: H&A			CLIENT:			153479
ADDRESS: 200 Town Centre Drive Suite 2			ADDRESS: SAME			Quotation #: MS061914A
CITY: Rochester	STATE: NY	ZIP: 14623	CITY:	STATE:	ZIP:	
PHONE: 585-321-4262			PHONE:			Email: MRamsdell@haleyaldrich.com
ATTN: Mark Ramsdell			ATTN:			

PROJECT REFERENCE

35294-010

Matrix Codes:

AQ - Aqueous Liquid	**WA** - Water	**DW** - Drinking Water	**SO** - Soil	**SD** - Solid	**WP** - Wipe	**OL** - Oil
NQ - Non-Aqueous Liquid	**WG** - Groundwater	**WW** - Wastewater	**SL** - Sludge	**PT** - Paint	**CK** - Caulk	**AR** - Air

REQUESTED ANALYSIS

	DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	VOC	TOC	Soluble Total Iron	Dissolved Iron	Field Filtered per client	6P 8/19/15			REMARKS	PARADIGM LAB SAMPLE NUMBER		
1	8/18/15	1530		X	GP009-08181 5-1530	WG	7	X	X	X	X	X				N		1	1
2	~~8/18/15~~	-			0123-08181 5-0001	WA	1	X								Trip Blank (T-645)		1	2
3	8/17/15					per TB	method	6P	8/19/15							per sample label			
4	per TB method	6P 8/19/15														6P 8/18/15			
5																			
6																			
7																			
8																			
9																			
10																			

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	Batch QC		Basic EDD	
Rush 3 day	10 day per client to	Category A		NYSDEC EDD	
Rush 2 day	per TB m 8/18/15	Category B			
Rush 1 day					
Other please indicate:		Other please indicate:		Other EDD please indicate:	

DB Keller	08/18/15 16:45	Total Cost:
Sampled By	Date/Time	
DB Keller	08/18/15 16:45	
Relinquished By	Date/Time	
Jane J Osborn	8/18/15 1645	
Received By	Date/Time	P.I.F.
	8/18/15 17:10	
Received @ Lab By	Date/Time	

Chain of Custody Supplement

Client: Haley & Aldrich Completed by: Glenn Pezzulo

Lab Project ID: 153479 Date: 8/19/15

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X		X Sulfate
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	6°C iced		
Sufficient Sample Quantity	X		
Comments			

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

1508200088

CHAIN OF CUSTODY

ADIRONDACK: ELAP ID: 10709

REPORT TO:		INVOICE TO:			
COMPANY:	Paradigm Environmental	COMPANY:	Same	LAB PROJECT #:	CLIENT PROJECT #:
ADDRESS:		ADDRESS:			
CITY: STATE: ZIP:		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: FAX:		PHONE: FAX:		STD / OTHER	
PROJECT NAME/SITE NAME:		ATTN:	Kate Hansen	ATTN:	Meridith Dillman
		COMMENTS:	Please email results to khansen@paradigmenv.com and reporting@paradigmenv.com	Date Due: 8/27	

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER OF CONTAINERS	TOC	SVOCs									REMARKS	PARADIGM LAB SAMPLE NUMBER
001	1 8/17/15	13:10		X	153479-02	GW	69	X	3	MS/MSD on -02								Report Run QC	
002	2 ↓	15:30		X	-05		23	X	1										
003	3 8/18/15	13:50		X	-10		23	X	1										
004	4 ↓	15:30		X	-11	↓	23	X	1										
	5																		
	6					CS 8/20/15													
	7																		
	8																		
	9																		
	10																		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☑	N ☐
Comments:		
Preservation:	Y ☑	N ☐
Comments:		
Holding Time:	Y ☑	N ☐
Comments:		
Temperature: 8.0	Y ☑	N ☐
Comments:		

Client

Sampled By: JP — Date/Time: 8/19/15 16:00 — Total Cost:

Relinquished By — Date/Time

Received By: [signature] — Date/Time: 8/20/15 11:09am — P.I.F.

Received @ Lab By — Date/Time

APPENDIX C

Historical Data (2007-2014)

HALEY ALDRICH

TABLE 1 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2007

Parameter List USEPA Method 8260B	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 Water Quality Standard Class GA (µg/L)
	Lab ID	0710091-005A		0710091-002A		0710091-003A		0710091-004A		0710091-001A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	10/11/2007		10/11/2007		10/11/2007		10/11/2007		10/11/2007		
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	**1.19**		(<0.5)	U	1 (s)
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)
cis-1,2-Dichloroethene	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)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-GP-09		8-24-084-Dup[a]		Trip Blank			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0710091-006A		0710091-007A		0710091-008A			
	Sample Type	Groundwater		Groundwater		Groundwater			
	Sample Date	10/11/2007		10/11/2007		6/26/2007			
Acetone	µg/L	5.16	J	1.03	J	(<10)	U		50 (g)
Benzene	µg/L	**1.16**		(<0.5)	U	(<0.5)	U		1 (s)
Chlorobenzene	µg/L	0.59		(<0.5)	U	(<0.5)	U		5 (s)
Chloroethane	µg/L	0.58	J	(<1)	U	(<1)	U		5 (s)
cis-1,2-Dichloroethene	µg/L	0.22	J	(<0.5)	U	(<0.5)	U		5 (s)
1,4- Dichlorobenzene	µg/L	1.8		(<0.5)	U	(<0.5)	U		3 (s)
1,3- Dichlorobenzene	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U		3 (s)
1,2- Dichlorobenzene	µg/L	**46.70**	D	(<0.5)	U	(<0.5)	U		3 (s)
1,1- Dichloroethane	µg/L	1.68		(<0.5)	U	(<0.5)	U		5 (s)
1,2- Dichloropropane	µg/L	0.27	J	(<0.5)	U	(<0.5)	U		1 (s)
Ethylbenzene	µg/L	**6.03**		(<0.5)	U	(<0.5)	U		5 (s)
Isopropylbenzene	µg/L	0.84		(<0.5)	U	(<0.5)	U		5 (s)
Methyl tert-butyl ether	µg/L	1.73		(<1)	U	(<1)	U		---
Methylene chloride	µg/L	0.15	J	(<2)	U	1.16	J		5 (s)
Tetrachloroethene	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U		5 (s)
Toluene	µg/L	**9.57**		(<0.5)	U	(<0.5)	U		5 (s)
Trichloroethene	µg/L	0.32	J	(<0.5)	U	(<0.5)	U		5 (s)
Xylenes (total)	µg/L	**27.3**		(<1)	U	(<1)	U		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
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.
D = 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.

TABLE 2 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2008

Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-MW-01 0810111-001A Groundwater 10/14/2008		8-28-084-MW-08S 0810111-002A Groundwater 10/14/2008		8-28-084-MW-08D 0810111-003A Groundwater 10/14/2008		8-24-084-MW-09 0810111-004A Groundwater 10/14/2008		8-24-084-MW-10 0810111-006A Groundwater 10/14/2008		NYSDEC Ambient Water Quality Standard Class GA (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)
Xylenes (total)	µg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U	(<1)	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-GP-09 0810111-005A Groundwater 10/14/2008		8-24-084-Dup[a] 0810111-007A Groundwater 10/14/2008		Trip Blank 0810111-008A Groundwater 10/14/2008			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
Acetone	µg/L	4.51	J	(<10)	U	(<10)	U		50 (g)
Benzene	µg/L	0.35	J	(<0.5)	U	(<0.5)	U		1 (s)
1,2- Dibromo-3-chloropropane	µg/L	**5.42**	J	(<5)	U	(<5)	U		0.04 (s)
1,4- Dichlorobenzene	µg/L	0.44	J	0.87		(<0.5)	U		3 (s)
1,2- Dichlorobenzene	µg/L	**9.36**		0.48	J	(<0.5)	U		3 s)
1,1- Dichloroethane	µg/L	0.61		0.29	J	(<0.5)	U		5 (s)
cis-1,2- Dichloroethene	µg/L	(<0.5)	U	0.73		(<0.5)	U		5 (s)
Ethylbenzene	µg/L	0.71		(<0.5)	U	(<0.5)	U		5 (s)
Methyl tert-butyl ether	µg/L	(<1)	U	(<1)	U	(<1)	U		---
Tetrachloroethene	µg/L	(<0.5)	U	1.8		(<0.5)	U		5 (s)
Toluene	µg/L	3		(<0.5)	U	(<0.5)	U		5 (s)
Trichloroethene	µg/L	(<0.5)	U	0.27	J	(<0.5)	U		5 (s)
Xylenes (total)	µg/L	4.34		(<1)	U	(<1)	U		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
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.
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.

TABLE 3 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER APRIL 2009

Parameter List USEPA Method 8260B	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 Water Quality Standard Class GA (µg/L)
	Lab ID	0810111-001A		0810111-002A		0810111-003A		0810111-004A		0810111-006A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	4/22/2009		4/22/2009		4/22/2009		4/22/2009		4/22/2009		
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)	U	(<0.5)	U	5 (s)
Xylenes (total)	µg/L	1.4		(<1)	U	(<1)	U	1.34		(<1)	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-GP-09		8-28-084-Dup01[(a)]		Trip Blank						NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	0810111-005A		0904141-007A		0810111-008A						
	Sample Type	Groundwater		Groundwater		Groundwater						
	Sample Date	4/22/2009		4/22/2009		4/22/2009						
Acetone	µg/L	7.92	J	1.45	J	(<10)	U					50 (g)
Benzene	µg/L	**1.22**		(<0.5)	U	(<0.5)	U					1 (s)
2- Butanone	µg/L	3.16	J	(<10)	U	(<10)	U					---
Carbon disulfide	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U					---
Chloroethane	µg/L	1.04	J	(<1)	UJ	(<1)	U					5 (s)
Chloroform	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U					7 (s)
1,2- Dichlorobenzene	µg/L	**73.2**	D	1.83		(<0.5)	U					3 (s)
1,3- Dichlorobenzene	µg/L	0.12	J	0.5		(<0.5)	U					3 (s)
1,4- Dichlorobenzene	µg/L	**3.27**		2.43		(<0.5)	U					3 (s)
1,1- Dichloroethane	µg/L	1.77		0.62		(<0.5)	U					5 (s)
cis-1,2- Dichloroethene	µg/L	0.19	J	3.42		(<0.5)	U					5 (s)
1,2- Dichloropropane	µg/L	0.26	J	(<0.5)	U	(<0.5)	U					5 (s)
Ethylbenzene	µg/L	**7.47**		0.51		(<0.5)	U					5 (s)
Isopropylbenzene	µg/L	0.89		0.13	J	(<0.5)	U					5 (s)
Methyl tert-butyl ether	µg/L	1.34		(<1)	U	(<1)	U					10 (g)
4- Methyl-2-pentanone	µg/L	1.09	J	(<5)	U	(<5)	U					---
Methylene chloride	µg/L	0.27	J	0.18	J	(<2)	U					5 (s)
Tetrachloroethene	µg/L	(<0.5)	U	2.68		(<0.5)	U					5 (s)
Toluene	µg/L	**21.7**		0.13	J	(<0.5)	U					5 (s)
Trichloroethene	µg/L	0.51		0.37	J	(<0.5)	U					5 (s)
Xylenes (total)	µg/L	**37.9**		1.46		(<1)	U					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
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.
D = 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.

TABLE 4 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER DECEMBER 2010

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-01		8-28-084-MW-08S		8-28-084-MW-08D		8-24-084-MW-10		8-24-084-MW-11		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	K1012255-003A		K1012255-004A		K1012255-005A		K1012255-002A		K1012255-006A		
	Sample Type	Groundwater		Groundwater		Groundwater		Groundwater		Groundwater		
	Sample Date	12/22/2010		12/22/2010		12/22/2010		12/22/2010		12/22/2010		
1,1-Dichloroethane	µg/L	0.25	J	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U	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)

Parameter List USEPA Method 8260B	Sample ID	8-24-084-MW-12		8-24-084-GP-09		8-28-084-MW-DUP[(a)]		Trip Blank				NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	K1012255-007A		K1012255-001A		K1012255-008A		K1012255-009A				
	Sample Type	Groundwater		Groundwater		QA/QC Duplicate		QA/QC Trip Blank				
	Sample Date	12/22/2010		12/22/2010		12/22/2010		12/22/2010				
1,1-Dichloroethane	µg/L	(<0.5)	U	2.46		0.25	J	(<0.5)	U			5 (s)
1,2-Dichlorobenzene	µg/L	(<0.5)	U	**80.2**		0.71		(<0.5)	U			3 (s)
1,3-Dichlorobenzene	µg/L	(<0.5)	U	0.17	J	0.39	J	(<0.5)	U			3 (s)
1,4-Dichlorobenzene	µg/L	(<0.5)	U	**3.53**		1.87		(<0.5)	U			3 (s)
2-Butanone	µg/L	(<10)	U	1.33	J	(<10)	U	(<10)	U			---
4-Methyl-2-pentanone	µg/L	(<5)	U	1.05	J	(<5)	U	(<5)	U			---
Acetone	µg/L	(<10)	U	9.71	J	(<10)	U	(<10)	U			50 (g)
Benzene	µg/L	(<0.5)	U	**1.44**		(<0.5)	U	(<0.5)	U			1 (s)
Bromodichloromethane	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U			50 (g)
Chlorobenzene	µg/L	(<0.5)	U	0.75		(<0.5)	U	(<0.5)	U			5 (s)
Chloroethane	µg/L	(<1)	U	0.61	J	(<1)	U	(<1)	U			5 (s)
Chloroform	µg/L	(<0.5)	U	0.38	J	(<0.5)	U	0.13	J			7 (s)
cis-1,2-Dichloroethene	µg/L	(<0.5)	U	0.12	J	0.27	J	(<0.5)	U			5 (s)
Dibromochloromethane	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U			50 (s)
Dichlorodifluoromethane	µg/L	0.19	J	(<1)	U	(<1)	U	(<1)	U			5(s)
Ethylbenzene	µg/L	(<0.5)	U	**6.7**		(<0.5)	U	(<0.5)	U			5(s)
Isopropylbenzene	µg/L	(<0.5)	U	1.4		(<0.5)	U	(<0.5)	U			5(s)
Methyl tert-butyl ether	µg/L	(<1)	U	1.51		(<1)	U	(<1)	U			10 (g)
Methylene chloride	µg/L	(<2)	U	0.39	J	(<2)	U	0.41	J			5 (s)
Tetrachloroethene	µg/L	(<0.5)	U	0.11		1.87		0.5	J			5 (s)
Toluene	µg/L	(<0.5)	U	4.96		(<0.5)	U	(<0.5)	U			5 (s)
Trichloroethene	µg/L	(<0.5)	U	0.81		0.55		(<0.5)	U			5 (s)
Xylenes (total)	µg/L	(<1)	U	**24**		(<1)	U	(<1)	U			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
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.

TABLE 5 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER OCTOBER 2011

Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-MW-01 K1012255-003A Groundwater 10/25/2011		8-28-084-MW-08S K1012255-004A Groundwater 10/25/2011		8-28-084-MW-08D K1012255-005A Groundwater 10/25/2011		8-24-084-MW-10 K1012255-002A Groundwater 10/25/2011		8-24-084-MW-11 K1012255-006A Groundwater 10/25/2011		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
1,1-Dichloroethane	µg/L	0.18		(<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)	U	(<1)	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID Lab ID Sample Type Sample Date	8-24-084-MW-12 K1012255-007A Groundwater 10/25/2011		8-24-084-GP-09 K1012255-001A Groundwater 10/25/2011		8-28-084-MW-DUP[(a)] K1012255-008A QA/QC Duplicate 10/25/2011		Trip Blank K1012255-009A QA/QC Trip Blank 10/25/2011			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
1,1-Dichloroethane	µg/L	(<0.5)	U	2.36		0.18	J	(<0.5)	U		5 (s)
1,2-Dichlorobenzene	µg/L	(<0.5)	U	**67.3**		0.51		(<0.5)	U		3 (s)
1,3-Dichlorobenzene	µg/L	(<0.5)	U	0.2	J	0.26	J	(<0.5)	U		3 (s)
1,4-Dichlorobenzene	µg/L	(<0.5)	U	**3**		1.18		(<0.5)	U		3 (s)
2-Butanone	µg/L	(<10)	U	1.33	J	(<10)	U	(<10)	U		---
Acetone	µg/L	(<10)	U	**57.7**	J	(<10)	U	(<10)	U		50 (g)
Benzene	µg/L	(<0.5)	U	**1.13**		(<0.5)	U	(<0.5)	U		1 (s)
Bromodichloromethane	µg/L	(<0.5)	U	(<0.5)	U	(<0.5)	U	(<0.5)	U		50 (g)
Chlorobenzene	µg/L	(<0.5)	U	0.62		(<0.5)	U	(<0.5)	U		5 (s)
Chloroform	µg/L	(<0.5)	U	0.32	J	(<0.5)	U	(<0.5)	U		7 (s)
cis-1,2-Dichloroethene	µg/L	(<0.5)	U	(<0.5)	U	0.16	J	(<0.5)	U		5 (s)
Ethylbenzene	µg/L	(<0.5)	U	**5.09**		(<0.5)	U	(<0.5)	U		5(s)
Isopropylbenzene	µg/L	(<0.5)	U	1.17		(<0.5)	U	(<0.5)	U		5(s)
Methyl tert-butyl ether	µg/L	(<1)	U	1.16		(<1)	U	(<1)	U		10 (g)
Tetrachloroethene	µg/L	(<0.5)	U	(<0.5)	U	1.42		(<0.5)	U		5 (s)
Toluene	µg/L	(<0.5)	U	0.2		(<0.5)	U	(<0.5)	U		5 (s)
Trichloroethene	µg/L	(<0.5)	U	0.67		0.43		(<0.5)	U		5 (s)
Xylenes (total)	µg/L	(<1)	U	**14.6**		(<1)	U	(<1)	U		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
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.

TABLE 6 SUMMARY OF VOLATILE ORGANIC COMPOUNDS IN GROUNDWATER NOVEMBER 2013

Parameter List USEPA Method 8260B	Sample ID	131121 MW-01		MW-08S		131121 MW-08D		131121 MW-10		131121 MW-11		NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	480-50794-3				480-50794-2		480-50794-4		480-50794-6		
	Sample Type	Groundwater				Groundwater		Groundwater		Groundwater		
	Sample Date	11/21/2013				11/21/2013		11/21/2013		11/21/2013		
1,1-Dichloroethane	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
1,2-Dichlorobenzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	3 (s)
1,3-Dichlorobenzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	3 (s)
1,4-Dichlorobenzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	3 (s)
2-Butanone	µg/L	(<10)	U	*Not Sampled*		(<10)	U	(<10)	U	(<10)	U	---
Acetone	µg/L	**3.50**	**J**	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	50 (g)
Benzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	1 (s)
Bromodichloromethane	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	50 (g)
Chlorobenzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Chloroform	µg/L	(<1)	U	*Not Sampled*		(<1)	U	**0.94**	**J**	(<1)	U	7 (s)
cis-1,2-Dichloroethene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Dibromochloromethane	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	50 (s)
Dichlorodifluoromethane	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Ethylbenzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Isopropylbenzene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5(s)
Methyl tert-butyl ether	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	10 (g)
Tetrachloroethene	µg/L	**1.10**		*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Toluene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Trichloroethene	µg/L	(<1)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)
Xylenes (total)	µg/L	(<2)	U	*Not Sampled*		(<1)	U	(<1)	U	(<1)	U	5 (s)

Parameter List USEPA Method 8260B	Sample ID	131121 MW-12		131121 GP-09		131121 MW1 DUP(a)		Trip Blank			NYSDEC Ambient Water Quality Standard Class GA (µg/L)
	Lab ID	480-50794-5		480-50794-1		480-50794-7		480-50794-8			
	Sample Type	Groundwater		Groundwater		QA/QC Duplicate		QA/QC Trip Blank			
	Sample Date	11/21/2013		11/21/2013		11/21/2013		11/21/2013			
1,1-Dichloroethane	µg/L	(<1)	U	**1.70**		(<1)	U	(<1)	U		5 (s)
1,2-Dichlorobenzene	µg/L	(<1)	U	**73.00**		(<1)	U	(<1)	U		3 (s)
1,4-Dichlorobenzene	µg/L	(<1)	U	**3.60**		(<1)	U	(<1)	U		3 (s)
2-Butanone	µg/L	(<10)	U	(<10)	U	(<10)	U	(<10)	U		---
Acetone	µg/L	(<1)	U	**3.00**	**J**	(<1)	U	(<1)	U		50 (g)
Benzene	µg/L	(<1)	U	**0.73**	**J**	(<1)	U	(<1)	U		1 (s)
Bromodichloromethane	µg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U		50 (g)
Chlorobenzene	µg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U		5 (s)
											7 (s)
cis-1,2-Dichloroethene	µg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U		5 (s)
Ethylbenzene	µg/L	(<1)	U	**5.10**		(<1)	U	(<1)	U		5(s)
Isopropylbenzene	µg/L	(<1)	U	**1.30**		(<1)	U	(<1)	U		5(s)
Methyl tert-butyl ether	µg/L	(<1)	U	**0.67**	**J**	(<1)	U	(<1)	U		10 (g)
Tetrachloroethene	µg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U		5 (s)
Toluene	µg/L	(<1)	U	(<1)	U	(<1)	U	(<1)	U		5 (s)
Trichloroethene	µg/L	(<1)	U	**0.66**	**J**	(<1)	U	(<1)	U		5 (s)
Xylenes (total)	µg/L	(<2)	U	**5.80**		(<2)	U	(<2)	U		5 (s)

(a) Duplicate was collected at 131121 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.

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-12		MW-8D			MW-8S
Sample ID	NYDEC_TOGS_AMBIENT_WATER_Class_GA	131121 GP9	GP009-090814-1315	131121 MW1	131121 MW1 DUP	MW001-090814-1545	131121 MW10	MW010-090814-1430	MW101-090814-0900	MW102-090814-1030	131121 MW-11	MW011-090914-1200	131121 MW12	MW012-090814-1720	131121 MW8D	MW08D-090914-0950	4542-090914-0002	MW08S-090914-1055
Sample Date		11/21/2013	09/08/2014	11/21/2013	11/21/2013	09/08/2014	11/21/2013	09/08/2014	09/08/2014	09/08/2014	11/21/2013	09/09/2014	11/21/2013	09/08/2014	11/21/2013	09/09/2014	09/09/2014	09/09/2014
Sample Type		N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N
Sample Depth (bgs)		19.3 - 29.3 (ft)	19.3 - 29.3 (ft)	13.9 - 23.9 (ft)	13.9 - 23.9 (ft)	13.9 - 23.9 (ft)	8.3 - 18.3 (ft)	8.3 - 18.3 (ft)	19.5 - 29.5 (ft)	19.5 - 29.5 (ft)	18.8 - 28.8 (ft)	18.8 - 28.8 (ft)	19.1 - 29.1 (ft)	19.1 - 29.1 (ft)	62 - 72 (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	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	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-Trichloroethane	1	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-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	-	-	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 (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)
1,2-Dibromo-3-chloropropane (DBCP)	0.04	ND (1)	ND (10)	ND (1)	ND (1)	ND (10)	ND (1)	ND (10)	ND (10)	ND (10)	ND (1)	ND (10)	ND (1)	ND (10)	ND (1)	ND (10)	ND (10)	ND (10)
1,2-Dibromoethane (Ethylene Dibromide)	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	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)
1,3-Dichlorobenzene	3	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)
1,4-Dichlorobenzene	3	**3.6** [A]	ND (2)	ND (1)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	**7.35** [A]	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	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 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)	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 Isobutyl Ketone)	-	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)
Acetone	50	**3 J**	ND (10)	**3.5 J**	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)
Benzene	1	**0.73 J**	ND (0.7)	ND (1)	ND (1)	ND (0.7)	ND (1)	ND (0.7)	ND (0.7)	ND (0.7)	ND (1)	ND (0.7)	ND (1)	ND (0.7)	ND (1)	ND (0.7)	ND (0.7)	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 Bromide)	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)
Carbon disulfide	60	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)
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	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)
Chloroform (Trichloromethane)	7	ND (1)	ND (2)	ND (1)	ND (1)	ND (2)	**0.94 J**	ND (2)	ND (2)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (1)	ND (2)	ND (2)	ND (2)
Chloromethane (Methyl Chloride)	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-1,2-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	-	ND (1)	ND (10)	ND (1)	ND (1)	ND (10)	ND (1)	ND (10)	ND (10)	ND (10)	ND (1)	ND (10)	ND (1)	ND (10)	ND (1)	ND (10)	ND (10)	ND (10)
Dibromochloromethane	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)
Dichlorodifluoromethane (CFC-12)	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)
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 (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 (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)
Methyl cyclohexane	-	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)
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 (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	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)
Tetrachloroethene	5	ND (1)	ND (2)	**1.1**	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)
Toluene	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-1,2-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	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-11)	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)
Trifluorotrichloroethane (Freon 113)	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)
Vinyl chloride	2	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)
Xylene (total)	5	**5.8** [A]	-	ND (2)	ND (2)	-	ND (2)	-	-	-	ND (2)	-	ND (2)	-	ND (2)	-	-	-

Notes:
[A] NYDEC_TOGS_AMBIENT_WATER_Class_GA

APPENDIX D

Special Use Permit

VB Ford II

RECEIVED FEB 0 9 2015

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

TOWN CLERK
RECEIVER OF TAXES

February 4, 2015

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:

1. The proposal shall receive site plan approval from the Planning Board.
2. 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: S. Frykholm
J. Beck
Michael Doser
R. Mitchell, Mitchell Architecture, 5800 Pittsford-Palmyra Road, Pittsford, NY 14534