



Periodic Review Report

Reporting Period: 1/15/2017 to 2/26/2018

NYSDEC BCP Site No. C828181

Location:

Former Holtz Porsche Audi Mazda
3955 West Henrietta Road
Town of Henrietta, New York

Prepared for:

Garber Automotive Group
999 South Washington Avenue
Suite 1
Saginaw, Michigan 48601

LaBella Project No. 2160295

March 29, 2018



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1.0 INTRODUCTION

LaBella Associates, DPC (LaBella) is pleased to submit this Period Review Report (PRR) on behalf of Garber Automotive for the former Holtz Porsche Audi Mazda property located at 3955 West Henrietta Road (NYS Route 15), Town of Henrietta, Monroe County, New York. The site is enrolled in the New York State (NYS) Brownfield Cleanup Program (BCP) that is administered by the New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Brownfield Cleanup Agreement (BCA) Index C828181-12-11, Site # C828181. A Site Location Map is included as Figure 1. This Periodic Review Report (PRR) covers the Reporting Period from January 15, 2017 to February 26, 2018.

1.1 Site Summary

The Site is located in the Town of Henrietta, County of Monroe, New York and is comprised of a single ±3.93-acre property (Block 2 and Lot 5.2 on the Town of Henrietta Tax Map 161.190) and is utilized for automotive sales and service.

The site is located in a commercial areas and is surrounded by commercial properties. The properties directly adjacent to the Site and their current occupants are as follows:

- North – automobile dealership;
- East – West Henrietta Road Right-of-way (ROW);
- South – several commercial properties (a parking lot, an automotive repair facility and a gasoline station); and
- West – an undeveloped, commercially zoned property to the west used as overflow parking lots associated with the Site.

A Site Plan (included as Figure 2), illustrates the Site boundaries and the adjacent properties.

1.2 Environmental History

A Remedial Investigation (RI) was performed to characterize the nature and extent of contamination at the Site. The results of the RI are described in detail in the *Remedial Investigation Report, NYSDEC BCP Site #C828181*, prepared by LaBella and dated August 2013.

Additional detail regarding the history of the Site can be found in the *Site Management Plan, Former Holtz Porsche Audi Mazda NYSDEC Site Number: C828181*, prepared by LaBella and dated December 2014 (hereinafter referred to as the “SMP”).

Generally, the RI determined that solvent related volatile organic compounds (VOCs) (specifically Trichloroethene (TCE) and its breakdown compounds) existed in soil and groundwater with minimal amounts of petroleum related semi-volatile compounds (SVOCs) in surface soil. Based on these findings, it appeared the source of the VOC plume was in the area of the automotive service repair area’s waste water system (i.e., trench floor drain and oil-water separator). The limits of the VOC impacts were defined by the RI.

The following is a summary of site conditions when the RI was performed in 2012 and 2013.



Soil

- Shallow subsurface soils beneath the automotive service portion of the building were contaminated by petroleum related VOCs at concentrations below Part 375-6.8(a) Restricted Use Soil Cleanup Objectives (SCOs) for a Commercial Site. VOC concentrations detected in RI sampling of subsurface soil are summarized in Table 1 of the SMP.
- A small area of surface soil on the western portion of the Site was contaminated with SVOCs at concentrations exceeding Part 375-6.8(a) Restricted Use Soil Cleanup Objectives (SCOs) for a Commercial Site. SVOC concentrations detected in RI sampling of surface soil are summarized in Table 2 of the SMP.
- A small area of surface soil on the southern portion of the Site was contaminated with SVOCs at concentrations exceeding Part 375-6.8(a) Unrestricted Use SOCs but below Restricted Use SCOs for a Commercial Site. SVOC concentrations detected in RI sampling of surface soil are summarized in Table 2 of the SMP.

Areas of surface and subsurface soil impacts detected during the RI are detailed on Figure 4 of the SMP.

Site-Related Groundwater

Groundwater at the Site is impacted with petroleum-related and chlorinated VOCs. The groundwater plume is primarily located underneath the automotive service area and extends slightly outside the main building at the Site to the west. The source of the groundwater impacts appears to be the automotive repair area's waste water system (i.e. trench floor drain and oil-water separator). A break/hole in the westernmost trench drain was observed during an inspection. This break/hole was repaired in January 2010, the remaining trench drain was inspected, and no other breaks were found. Comparison of BCP groundwater sample results with pre-BCP groundwater sampling results did not indicate an increase in the size and concentration of the chlorinated groundwater plume. VOC concentrations in groundwater are summarized in Table 3 of the SMP.

Site-Related Soil Vapor Intrusion

The results of the interior ambient air and sub-slab vapor samples were compared to the guidance values included in the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). There are no exceedances of the minimum action levels identified in Matrices 1 and 2 for the compounds with action levels. It should be noted that other VOCs (predominantly petroleum related) not included in Matrices 1 and 2 were detected; however, the concentrations were generally higher in the indoor air than the corresponding sub-slab vapor sample. This is likely due to the nature of the automotive repair operations at the Site.

Ambient air and sub-slab vapor sample locations are detailed on Figure 4 of the SMP. Detected VOC concentrations are summarized in Table 4 of the SMP.

The Site was remediated in accordance with the NYSDEC-approved Remedial Work Plan dated October 2014. The following is a summary of the Remedial Actions performed at the Site:



1. Construction and maintenance of a soil cover system consisting of crushed stone to prevent human exposure to remaining contaminated soil exceeding Restricted Use SCOs for a Commercial Site. This cover system includes a minimum of 12 inches of stone applied as part of the remedy. Geotextile fabric was placed as a demarcation layer between the stone and underlying soil. The cover system also includes existing pavement and buildings at the Site;
2. Execution and recording of an Environmental Easement to restrict land use and prevent future exposure to any contamination remaining at the Site; and
3. Development and implementation of a Site Management Plan for long term management of remaining contamination as required by the Environmental Easement, which includes plans for Institutional Controls. Remedial activities were completed at the site in May 2014.

Long-term treatment systems were not installed as part of remedial actions for the Site.

The remedial work did not remove all contamination at the Site. Remaining contamination at the Site includes the following:

- Shallow subsurface soil at the Site contains VOCs at concentrations exceeding NYSDEC Part 375-6.8(a) Unrestricted Use SCOs but below Restricted Use SCOs for a Commercial Site. VOC impacts are limited to shallow subsurface soils beneath the automotive service portion of the building. The impacts are anticipated at approximately 2 feet below the ground surface (BGS) and extend in some areas up to approximately 8 feet BGS. Further, a small area of surface soils on the southern portion of the Site contain SVOCs above Part 375-6.8(a) Unrestricted Use SCOs. The areas of remaining contamination above Part 375-6.8(a) Unrestricted Use SCOs are shown on Figure 7 of the SMP and are summarized in Tables 5 and 6 of the SMP.
- A small area of surface soil on the western portion of the Site contains SVOCs at concentrations exceeding Part 375-6.8(a) Restricted Use SCOs for a Commercial Site. This soil is located beneath an approximately one (1) foot thick cover system. This area of remaining contamination above Part 375-6.8(b) Restricted Use SCOs for a Commercial Site is shown on Figure 7 of the SMP and is summarized in Table 6 of the SMP.

In addition to the above, petroleum and chlorinated VOCs were detected at concentrations exceeding Part 703 Groundwater Standards in monitoring wells at the Site.

Since remaining contaminated soil and groundwater exists beneath portions of the Site, Engineering Controls and Institutional Controls (EC/ICs) are required to protect human health and the environment. The EC/IC Plan, component of the SMP, describes the procedures for the implementation and management of all EC/ICs at the Site.



2.0 PURPOSE AND SCOPE OF WORK

The purpose of this report is to present the annual monitoring work completed at the Site during 2017 and early 2018. This work was completed in general accordance with the provisions of the SMP. As required in the SMP, this report includes the following information:

- Identification, assessment and certification of all Engineering Controls/Institutional Controls (ECs/ICs) required by the remedy for the Site;
- Results of the required annual site inspections and severe condition inspections, if applicable;
- All applicable inspection forms and other records generated for the Site during the reporting period in electronic format (included in report);
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions;
- Data summary tables and graphical representations of contaminants of concern by media, which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These will include a presentation of past data as part of an evaluation of contaminant concentration trends;
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted electronically in a NYSDEC-approved format;
- A Site evaluation, which includes the following:
 - The compliance of the remedy with the requirements of the Site-specific RAWP;
 - Any new conclusions or observations regarding Site contamination based on inspections or data generated by the Monitoring Plan for the media being monitored;
 - Recommendations regarding any necessary changes to the remedy and/or Monitoring Plan; and
 - The overall performance and effectiveness of the remedy.

3.0 ANNUAL MONITORING

The SMP identified the on-going monitoring of the performance of the remedy, via annual sampling of nine (9) existing groundwater monitoring wells, as summarized in the following table.



On-Site Wells Included in Annual Groundwater Monitoring Program

Well ID	Frequency	Testing Parameter
MW-8	Annual	TCL List VOCs via EPA Method 8260
MW-18	Annual	TCL List VOCs via EPA Method 8260
MW-20	Annual	TCL List VOCs via EPA Method 8260
MW-21	Annual	TCL List VOCs via EPA Method 8260
RIMW-3	Annual	TCL List VOCs via EPA Method 8260
RIMW-5	Annual	TCL List VOCs via EPA Method 8260
RIMW-7	Annual	TCL List VOCs via EPA Method 8260
RIMW-13	Annual	TCL List VOCs via EPA Method 8260
RIMW-14	Annual	TCL List VOCs via EPA Method 8260

In addition to groundwater monitoring, Site-wide inspections are performed on a regular schedule at a minimum of once a year. During these inspections, an inspection form is completed, which compiled sufficient information to assess the following:

- Compliance with all ICs, including site usage;
- General site conditions at the time of the inspection;
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection; and
- Confirm that site records are up to date.

Annual monitoring of the performance of the remedy and overall reduction in contamination on-site will be conducted for the first five (5) years. The frequency thereafter will be determined by NYSDEC. Trends in contaminant levels in air, soil, and/or groundwater in the affected areas, will be evaluated to determine if the remedy continues to be effective in achieving remedial goals.

3.1 Groundwater Monitoring

Groundwater monitoring was conducted in February 2018. Static water levels were collected during the groundwater sampling event. Low flow sampling of the monitoring wells was performed in order to minimize groundwater drawdown and to obtain a representative sample of groundwater conditions. A QED Sample Pro Bladder Pumps and a QED MP50 Flow Controller/Compressor were used to complete the low-flow sampling. New, disposable, polyethylene tubing and bladders were utilized for each well.

Field measurements of indicator parameters were collected using an YSI Pro DSS water quality meter equipped with an in-line “flow-through cell”.



The following field measurements were collected:

- pH;
- Conductivity;
- Temperature;
- Oxygen Reduction Potential (ORP);
- Turbidity;
- Dissolved Oxygen (DO); and
- Water Level Drawdown.

Water quality parameter readings were recorded at regular intervals during wells that were sampled using low flow methods. Groundwater samples were collected after the following stabilization criteria were met:

Measurement	Maximum Variability for 3 Consecutive Readings
pH	+/- 0.1 standard units
Conductivity	+/- 3 %
Temperature	+/- 3%
ORP	+/- 10 mV
Turbidity	+/- 10 %
Dissolved Oxygen	+/- 10 %
Water Level Drawdown	<0.3'

Groundwater sampling logs that include the in-field parameter measurements are included in Appendix A.

Environmental Science Corporation of Mt. Juliet, Tennessee (ESC) analyzed the groundwater samples collected during this annual groundwater monitoring event. ESC is a New York State Department of Health Environmental Laboratory Approval Program certified laboratory. The samples were analyzed for United States Environmental Protection Agency (USEPA) Target Compound List (TCL) VOCs using USEPA Method 8260. The laboratory analytical report from ESC is included in Appendix B.

The Analytical Services Protocol (ASP) Category B deliverable for the laboratory report and the Data Usability Summary Report (DUSR) has not been completed as the date of this report and will be forwarded to the NYSDEC upon completion.

3.2 Groundwater Flow Contours

Historic monitoring information previously presented to the NYSDEC describes a direction of groundwater flow that is to the west with a slight trend to the west-northwest. For informational purposes, a groundwater contour map from May 2013 is included as Figure 4.



3.3 Site Wide Inspection

The annual Site-wide inspection was performed on February 26, 2018 and conditions at the Site overall appeared very similar to previously observed (January 14, 2017) conditions. A copy of the Site Inspection Form is included as Appendix C.

3.4 Deviations from the SMP

The following deviations from the SMP encountered during this monitoring period are:

- The annual groundwater sampling was completed in February 2018, rather than in calendar year 2017.
- Well RIMW-4 was not sampled based on NYSDEC approval as included in a NYSDEC letter dated March 31, 2017.

4.0 SUMMARY OF GROUNDWER MONITORING RESULTS

Groundwater monitoring was performed in February 2018 and included nine (9) groundwater monitoring wells (see Section 3.0)

The results of the groundwater monitoring are summarized in the attached Table 1 and are compared to the NYSDEC Part 703 groundwater standards. As summarized in Table 1 and the following table, VOCs were reported to be slightly above the NYSDEC Part 703 groundwater standards in five (5) groundwater samples collected during this monitoring event:

Well ID	VOC(s) above Part 703 Groundwater Standards
MW-8	cis-1,2-Dichloroethene, Methyl tert-butyl ether (MTBE), Trichloroethene and Vinyl Chloride
MW-18	cis-1,2-Dichloroethene and MTBE
MW-20	cis-1,2-Dichloroethene and 1,1-Dichloroethane
MW-21	cis-1,2-Dichloroethene; 1,1-Dichloroethane; MTBE; and Vinyl Chloride
RIMW-14	1,1-Dichloroethane and cis-1,2-Dichloroethene

5.0 CONCLUSIONS

The annual monitoring work conducted for the January 15, 2017 to February 26, 2018 Reporting Period was completed in general accordance with the SMP, with any exceptions noted in Section 3.2.

The EC/IC Certification statement and forms are included as Appendix D.



FIGURES

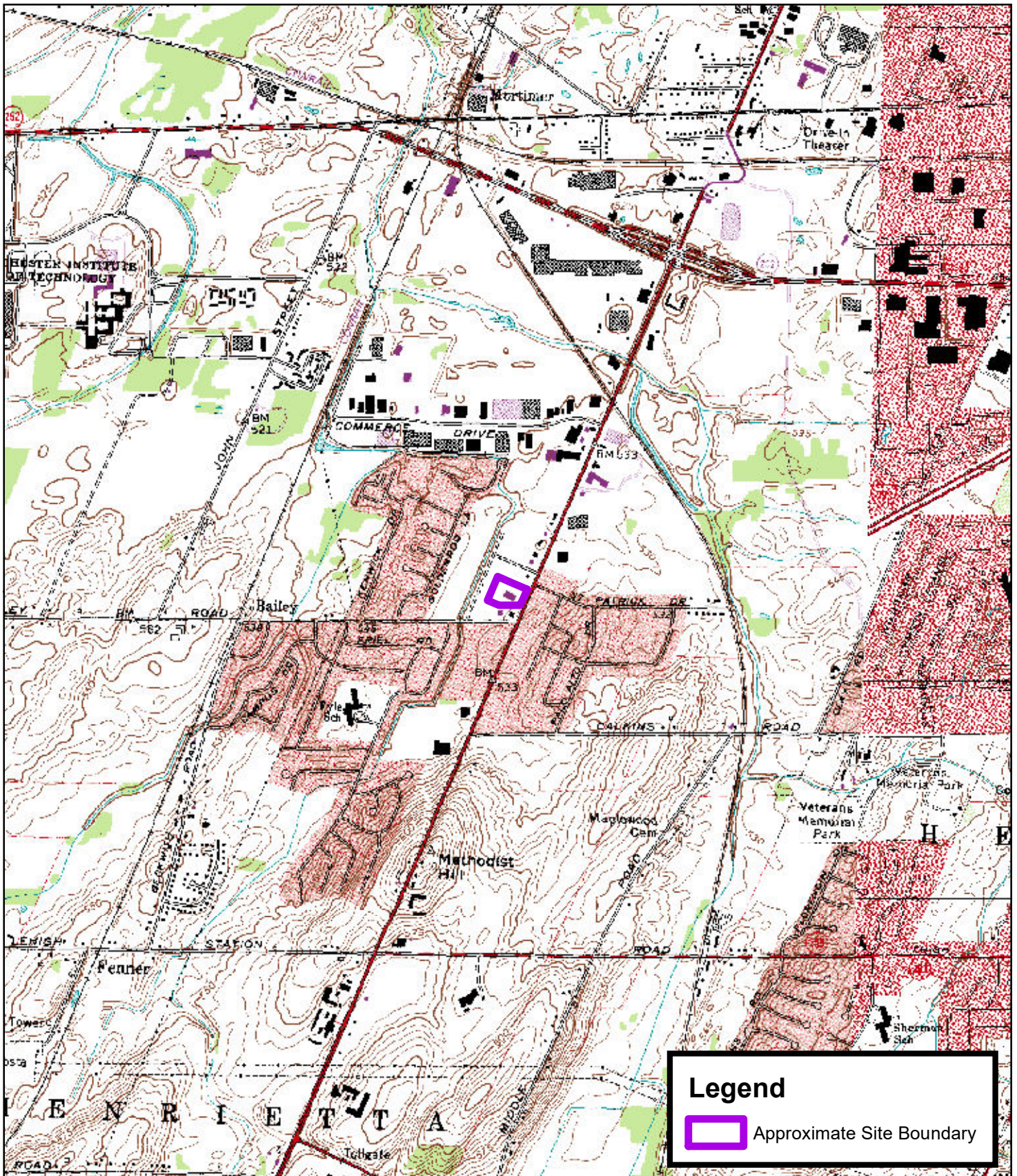


FIGURE 1

**Former Holtz Porsche Audi Mazda
3955 West Henrietta Road
Town of Henrietta, New York**

Scale: 1:24,000



300 STATE STREET
ROCHESTER, NY 14614
P: (585) 454-6110
F: (585) 454-3066
www.labellap.com
corporate

Path: I:\Garber Automotive Group\2160295 - 3955 W Henrietta Rd Site Mgmt Plan\Drawings\2017 PRR\Figure 2 Site & Surrounding.mxd



PROPERTY ADDRESS: BAILEY RD, HENRIETTA
OWNER: GARBER
OWNER ADDRESS: 3817 W HENRIETTA RD, ROCHESTER
TAX ID: 161.19-1-1.12
USE: VACANT (COMMERCIAL)

PROPERTY ADDRESS: 3925 W HENRIETTA RD, HENRIETTA
OWNER: GARBER HONDA
OWNER ADDRESS: ROCHESTER
TAX ID: 161.19-1-5.2
USE: COMMERCIAL (AUTO DEALER)

Legend

- Approximate Site Boundary
- Neighboring Parcel

PROPERTY ADDRESS: 3955 W HENRIETTA RD, HENRIETTA
OWNER: GARBER PORSCHE, AUDI, MAZDA
OWNER ADDRESS: ROCHESTER
TAX ID: 161.19-1-5.1
USE: COMMERCIAL (AUTO DEALER)

PROPERTY ADDRESS: 3922 W HENRIETTA RD, HENRIETTA
OWNER: JOSEPH COCO
OWNER ADDRESS: 1739 RIDGEWAY AVE, ROCHESTER
TAX ID: 161.19-1-59
USE: RESIDENTIAL (ONE FAMILY YEAR-ROUND)

PROPERTY ADDRESS: 3936 W HENRIETTA RD, HENRIETTA
OWNER: RAJWINDER SINGH
OWNER ADDRESS: 3936 W HENRIETTA RD, ROCHESTER
TAX ID: 161.19-1-60
USE: RESIDENTIAL (ONE FAMILY YEAR-ROUND)

PROPERTY ADDRESS: 3950 W HENRIETTA RD, HENRIETTA
OWNER: MARGARET A COURT
OWNER ADDRESS: 3950 W HENRIETTA RD, ROCHESTER
TAX ID: 161.19-1-61
USE: COMMERCIAL (CONVERTED RESIDENTIAL)

PROPERTY ADDRESS: 3960 W HENRIETTA RD, HENRIETTA
OWNER: KATHERINE A AND JOHN J IACULLI
OWNER ADDRESS: 15 OLD BROOK TRL, HONEOYE FALLS
TAX ID: 161.19-1-62
USE: RESIDENTIAL (ONE FAMILY YEAR-ROUND)

PROPERTY ADDRESS: BAILEY RD, HENRIETTA
OWNER: GARBER
OWNER ADDRESS: 3637 EAST RIVER RD, WEST HENRIETTA
TAX ID: 161.19-1-2
USE: VACANT (COMMERCIAL)

PROPERTY ADDRESS: 938 BAILEY RD, HENRIETTA
OWNER: JOHN D HOLTZ
OWNER ADDRESS: PO BOX 20340, ROCHESTER
TAX ID: 161.19-1-3.1
USE: COMMERCIAL (ONE STORY SMALL STRUCTURE)

PROPERTY ADDRESS: 3990 W HENRIETTA RD, HENRIETTA
OWNER: ADI REALTY, INC
OWNER ADDRESS: 1000 LEHIGH STATION RD, HENRIETTA
TAX ID: 161.19-1-63
USE: COMMERCIAL (MOTEL)

PROPERTY ADDRESS: W HENRIETTA RD, HENRIETTA
OWNER: SOUTHLAND CORPORATION
OWNER ADDRESS: 2711 HASKELL AVE, DALLAS, TX
TAX ID: 161.19-1-3.2
USE: VACANT (COMMERCIAL)

PROPERTY ADDRESS: 3995 W HENRIETTA RD, HENRIETTA
OWNER: SOUTHLAND CORPORATION
OWNER ADDRESS: 2711 HASKELL AVE, DALLAS, TX
TAX ID: 161.19-1-4
USE: COMMERCIAL

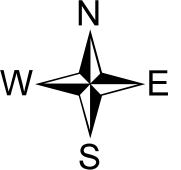


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**FORMER HOLTZ PORSCHE,
AUDI, MAZDA
3955 WEST HENRIETTA ROAD
HENRIETTA, NEW YORK**

**2017 PERIODIC REVIEW REPORT
BCP SITE NO. C828181**

**SITE PLAN AND
SURROUNDING PROPERTIES**



0 195 390
1 inch = 400 feet

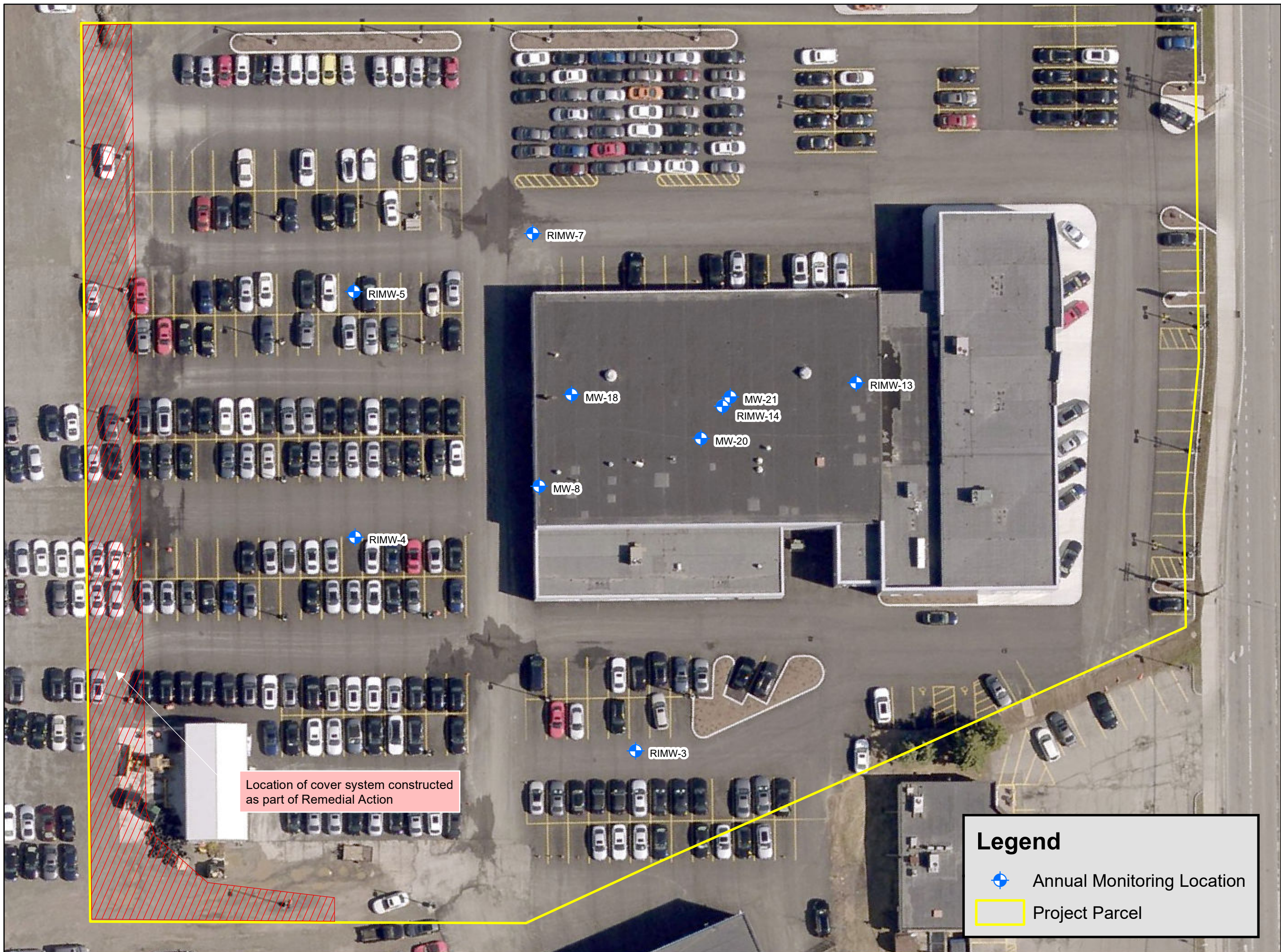
Note:
(1) Tax parcel boundaries are approximate. Tax parcel GIS shapefile was provided from Monroe County GIS (<http://www.monroecounty.gov/gis-Data.php>).

(2) Aerial photograph and parcel information provided may not represent current site conditions or property lines and should be considered approximate.

Issued For: **FINAL** Date: 08/23/2013
Drawn By: DKE



2160295

FIGURE 2



Location of cover system constructed as part of Remedial Action

Legend

-  Annual Monitoring Location
-  Project Parcel

**FORMER HOLTZ PORSCHE,
AUDI, MAZDA
3955 WEST HENRIETTA ROAD
HENRIETTA, NEW YORK**

**2017 PERIODIC REVIEW REPORT
BCP SITE NO. C828181**

**ANNUAL SAMPLING
LOCATIONS**



0 10 20 40

1 inch = 40 feet

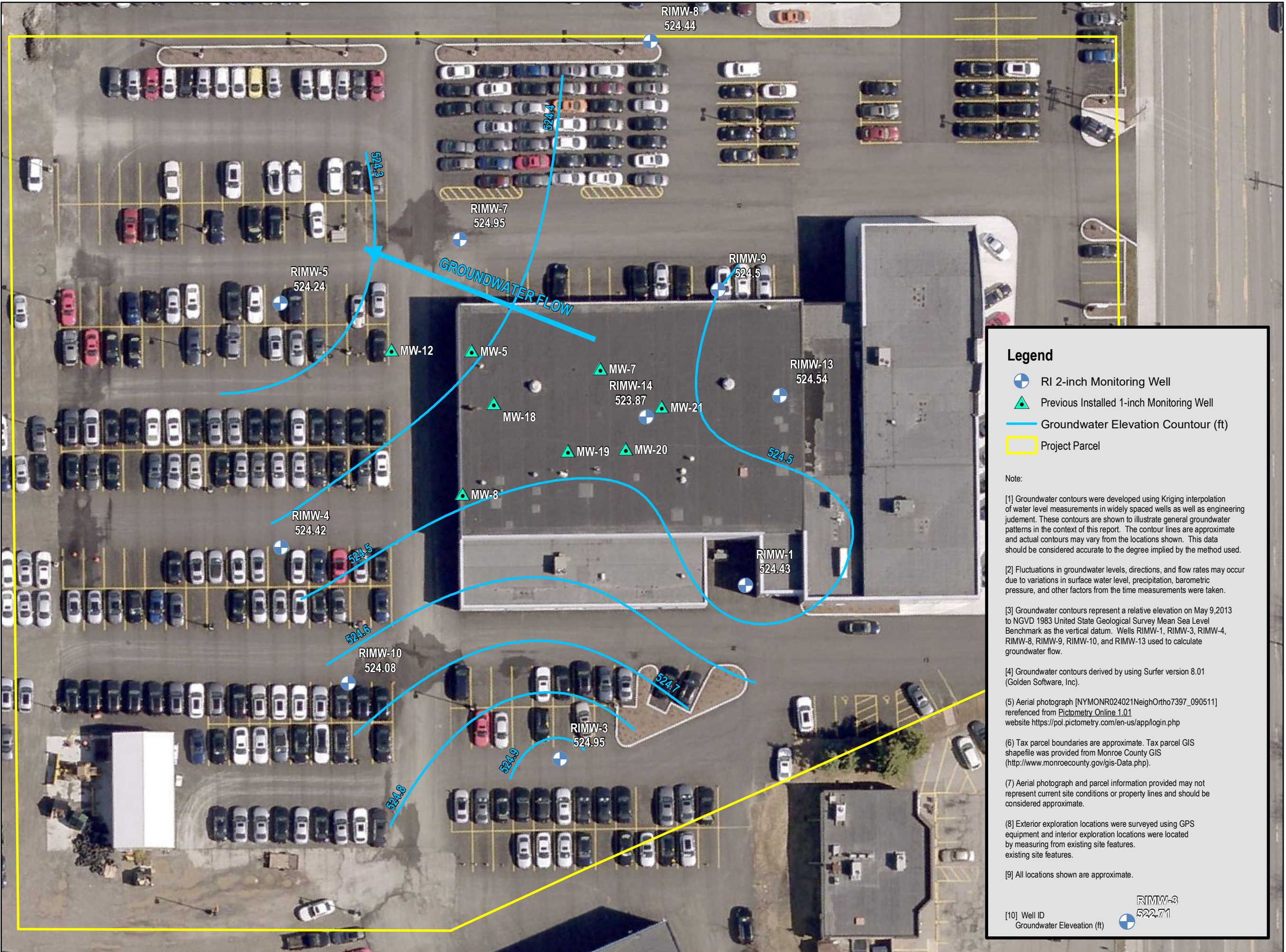
Issued For: **FINAL** Date: 02/06/2014
Drawn By: DKE

[2160295]
[**FIGURE 3**]

**FORMER HOLTZ PORSCHE,
AUDI, MAZDA
3955 WEST HENRIETTA ROAD
HENRIETTA, NEW YORK**

**2017 PERIODIC REVIEW REPORT
BCP SITE NO. C828181**

**RI MONITORING WELLS AND
GROUNDWATER FLOW DIRECTION
MAY 9, 2013**



Legend

- RI 2-inch Monitoring Well
- ▲ Previous Installed 1-inch Monitoring Well
- Groundwater Elevation Countour (ft)
- Project Parcel

Note:

[1] Groundwater contours were developed using Kriging interpolation of water level measurements in widely spaced wells as well as engineering judgement. These contours are shown to illustrate general groundwater patterns in the context of this report. The contour lines are approximate and actual contours may vary from the locations shown. This data should be considered accurate to the degree implied by the method used.

[2] Fluctuations in groundwater levels, directions, and flow rates may occur due to variations in surface water level, precipitation, barometric pressure, and other factors from the time measurements were taken.

[3] Groundwater contours represent a relative elevation on May 9, 2013 to NGVD 1983 United State Geological Survey Mean Sea Level Benchmark as the vertical datum. Wells RIMW-1, RIMW-3, RIMW-4, RIMW-8, RIMW-9, RIMW-10, and RIMW-13 used to calculate groundwater flow.

[4] Groundwater contours derived by using Surfer version 8.01 (Golden Software, Inc).

[5] Aerial photograph [NYMONR024021NeighOrtho7397_090511] referenced from Pictometry Online 1.01 website <https://pol.pictometry.com/en-us/app/login.php>

[6] Tax parcel boundaries are approximate. Tax parcel GIS shapefile was provided from Monroe County GIS (<http://www.monroecounty.gov/gis-Data.php>).

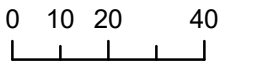
[7] Aerial photograph and parcel information provided may not represent current site conditions or property lines and should be considered approximate.

[8] Exterior exploration locations were surveyed using GPS equipment and interior exploration locations were located by measuring from existing site features.

[9] All locations shown are approximate.

[10] Well ID
Groundwater Elevation (ft)

RIMW-3
522.71



1 inch = 40 feet

Issued For: **FINAL** Date: 06/23/2013
Drawn By: MFP

2160295

FIGURE 4



TABLES

REFERENCE PAGE FOR SAMPLE RESULTS



NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York
LaBella Project No. 2160295

Qualifiers

< - The compound was not detected at the indicated concentration.

VOCs - Volatile Organic Compounds

NYSDEC - New York State Department of Environmental Conservation

ug/L - micrograms per Liter

NYS - New York State

NR - Not Regulated

USEPA - denotes United States Environmental Protection Agency

Highlighted result indicates compound was detected exceeding NYSDEC Part 703 Groundwater Standards

ND = Not Detected

U denotes compound was detected below the laboratory reporting limit

J indicates an estimated value due to either: the compound was detected below the reporting limit, or the associated batch QC was outside the established quality control range for accuracy or precision.

ND denotes Non Detect

J6 indicates that sample matrix interfered with the ability to make an accurate determination; spike value is low.

J0: Calibration verification outside of acceptance limits. Result is estimated.

J3: The associated batch QC was outside the established quality control range for precision.

J4: The associated batch QC was outside the established quality control range for accuracy

J5: The sample matrix interfered with the ability to make any accurate determination; spike value is high

WELL: RIMW-3

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	RIMW-3	RIMW-3	RIMW-3	RIMW-3	RIMW-3
Sample Date			11-28-2012	5-10-2013		1-11-2017	02/26/2018
ACETONE	ug/L	50	5.0 U	5.0 U	Well Not Sampled in 2015. Inaccessible, Paved Over with Asphalt	ND<50.0 UJ	<50 J3
BENZENE	ug/L	1	5.0 U	5.0 U		ND<1.00	<1
BROMOCHLOROMETHANE	ug/L	5	NA	NA		NA	<1
BROMODICHLOROMETHANE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
BROMOFORM	ug/L	NR	5.0 U	5.0 U		ND<1.00	<1
BROMOMETHANE	ug/L	5	5.0 UJ	5.0 U		ND<5.00	<5 J3
CARBON DISULFIDE	ug/L	60	2.3 J	5.0 U		ND<1.00	<1
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
CHLORO BENZENE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA		NA	<1
CHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	<5	
CHLOROFORM	ug/L	7	NA	NA	NA	<5	
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	ND<2.50	<2.5	
CYCLOHEXANE	ug/L	NR	NA	NA	NA	<1	
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	<5	
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	<1	
1,2-DICHLORO BENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	<1	
1,3-DICHLORO BENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	<1	
1,4-DICHLORO BENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	<1	
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA		<5	
1,1-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	<1	
CIS-1,2-DICHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 U	5.0 U	ND<1.00	<1	
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	ND<1.00	<1	
ETHYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
2-HEXANONE	ug/L	50	5.0 U	5.0 U	ND<10.0	<10	
ISOPROPYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	ND<10.0	<10	
METHYL ACETATE	ug/L	NR	NA	NA	NA	<20	
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	<1	
METHYLENE CHLORIDE	ug/L	5	5.0 U	5.0 U	ND<5.00	<5	
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	ND<10.0	<10	
METHYL TERT-BUTYL ETHER	ug/L	10	5.0 U	5.0 U	ND<1.00	<1	
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	NA	<5	
STYRENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
TETRACHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00 UJ	<1	
TOLUENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,2,3-TRICHLORO BENZENE	ug/L	NR	NA	NA	NA	<1 J4	
1,2,4-TRICHLORO BENZENE	ug/L	NR	NA	NA	NA	<1 J4	
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
TRICHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	<5	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	<1	
VINYL CHLORIDE	ug/L	2	5.0 U	5.0 U	ND<1.00	<1	
O-XYLENE	ug/L	5	5.0 U	5.0 U	NA	<1	
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	ND<3.00	<2	
N-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	NA	<1	
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	

WELL: RIMW-4

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	RIMW-4	RIMW-4	RIMW-4	RIMW-4
			11-29-2012	5-9-2013	12-30-2015	1-11-2017
Sample Date						
ACETONE	ug/L	50	5.0 UJ	5.0 U	ND<50.0	ND<50.0 UJ
BENZENE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00
BROMOCHLOROMETHANE	ug/L	5	NA	NA	NA	NA
BROMODICHLOROMETHANE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
BROMOFORM	ug/L	NR	5.0 UJ	5.0 U	ND<1.00	ND<1.00
BROMOMETHANE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00
CARBON DISULFIDE	ug/L	60	5.0 UJ	5.0 U	ND<1.00	ND<1.00
CARBON TETRACHLORIDE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
CHLOROBENZENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA
CHLOROETHANE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00
CHLOROFORM	ug/L	7	NA	NA		
CHLOROMETHANE	ug/L	NR	5.0 UJ	5.0 U	ND<2.50	ND<2.50
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA
1,2-DICHLOROETHANE	ug/L	3	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,3-DICHLOROETHANE	ug/L	3	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,4-DICHLOROETHANE	ug/L	3	5.0 UJ	5.0 U	ND<1.00	ND<1.00
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA	NA	NA
1,1-DICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,2-DICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
CIS-1,2-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,2-DICHLOROPROPANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 UJ	5.0 U	ND<1.00	ND<1.00
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 UJ	5.0 U	ND<1.00	ND<1.00
ETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
2-HEXANONE	ug/L	50	5.0 UJ	5.0 U	ND<10.0	ND<10.0
ISOPROPYLBENZENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
2-BUTANONE (MEK)	ug/L	NR	NA	NA	NA	NA
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA
METHYLENE CHLORIDE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 UJ	5.0 U	ND<10.0	ND<10.0
METHYL TERT-BUTYL ETHER	ug/L	10	0.67 J	5.0 U	3.26	2.99
NAPHTHALENE	ug/L	10	5.0 UJ	5.0 U	NA	NA
STYRENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00
TETRACHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00 J	ND<1.00 UJ
TOLUENE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<1.00
1,2,3-TRICHLOROETHANE	ug/L	NR	NA	NA	NA	NA
1,2,4-TRICHLOROETHANE	ug/L	NR	NA	NA	NA	NA
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00
TRICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA
VINYL CHLORIDE	ug/L	2	5.0 UJ	5.0 U	ND<1.00	ND<1.00
O-XYLENE	ug/L	5	5.0 UJ	5.0 U		
M&P-XYLENE	ug/L	5	5.0 UJ	5.0 U	ND<3.00*	ND<3.00*
N-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U	NA	NA
SEC-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U	NA	NA
TERT-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U	NA	NA
P-ISOPROPYLTOLUENE	ug/L	5	5.0 UJ	5.0 U	NA	NA
N-PROPYLBENZENE	ug/L	5	5.0 UJ	5.0 U	NA	NA
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U	NA	NA
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U	NA	NA

WELL: RIMW-5

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	RIMW-5	RIMW-5	RIMW-5 (BLIND DUPLICATE)	RIMW-5	RIMW-5	RIMW-5 (BLIND DUPLICATE)	RIMW-5 (BLIND DUPLICATE)
			11-29-2012	5-9-2013	12-30-2015	12-30-2015	1-11-2017	1-11-2017	02/26/2018
ACETONE	ug/L	50	5.0 UJ	5.0 U	4.4 J	ND<50.0	ND<50.0 UJ	ND<50.0 UJ	<50 J3
BENZENE	ug/L	1	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
BROMOCHLOROMETHANE	ug/L	5	NA	NA	NA	NA	NA	NA	<1
BROMODICHLOROMETHANE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
BROMOFORM	ug/L	NR	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
BROMOMETHANE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5 J3
CARBON DISULFIDE	ug/L	60	0.79 J	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CARBON TETRACHLORIDE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CHLOROBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
CHLOROETHANE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
CHLOROFORM	ug/L	7	NA	NA	NA	NA	NA	NA	<5
CHLOROMETHANE	ug/L	NR	5.0 UJ	5.0 U	5.0 U	ND<2.50	ND<2.50	ND<2.50	<2.5
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA	NA	NA	<5
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
1,2-DICHLOROBENZENE	ug/L	3	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,3-DICHLOROBENZENE	ug/L	3	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,4-DICHLOROBENZENE	ug/L	3	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA	NA	NA	NA	NA	<5
1,1-DICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,2-DICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CIS-1,2-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,2-DICHLOROPROPANE	ug/L	1	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
ETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
2-HEXANONE	ug/L	50	5.0 UJ	5.0 U	5.0 U	ND<10.0	ND<10.0	ND<10.0	<10
ISOPROPYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
2-BUTANONE (MEK)	ug/L	NR	5.0 UJ	5.0 U	5.0 U	ND<10.0	ND<10.0	ND<10.0	<10
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA	NA	NA	<20
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
METHYLENE CHLORIDE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 UJ	5.0 U	5.0 U	ND<10.0	ND<10.0	ND<10.0	<10
METHYL TERT-BUTYL ETHER	ug/L	10	9.9 J	15	14	ND<1.00	ND<1.00	ND<1.00	1.26
NAPHTHALENE	ug/L	10	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<5
STYRENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TETRACHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00 J	ND<1.00 UJ	ND<1.00 UJ	<1
TOLUENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<5.00	ND<1.00	ND<1.00	<1
1,2,3-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1 J4
1,2,4-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1 J4
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TRICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
VINYL CHLORIDE	ug/L	2	5.0 UJ	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
O-XYLENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
M&P-XYLENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	ND<3.00*	ND<3.00*	ND<3.00*	<2
N-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
SEC-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
TERT-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
P-ISOPROPYLTOLUENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
N-PROPYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U	5.0 U	NA	NA	NA	<1

WELL: RIMW-7

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	RIMW-7	RIMW-7	RIMW-7	RIMW-7	RIMW-7
			11-29-2012	5-9-2013		1-11-2017	02/26/2018
ACETONE	ug/L	50	5.0 UJ	13			ND<50.0 UJ <50 J3
BENZENE	ug/L	1	5.0 UJ	5.0 U			ND<1.00 UJ <1
BROMOCHLOROMETHANE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
BROMODICHLOROMETHANE	ug/L	5	NA	NA			NA <1
BROMOFORM	ug/L	NR	5.0 UJ	5.0 U			ND<1.00 <1
BROMOMETHANE	ug/L	5	5.0 UJ	5.0 U			ND<5.00 UJ <5 J3
CARBON DISULFIDE	ug/L	60	5.0 UJ	5.0 U			ND<1.00 UJ <1
CARBON TETRACHLORIDE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
CHLOROBENZENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA			NA <1
CHLOROETHANE	ug/L	5	5.0 UJ	5.0 U			ND<5.00 UJ <5
CHLOROFORM	ug/L	7	5.0 UJ	5.0 U			ND<5.00 <5
CHLOROMETHANE	ug/L	NR	5.0 UJ	5.0 U			ND<2.50 UJ <2.5
CYCLOHEXANE	ug/L	NR	NA	NA			NA <1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA			NA <5
1,2-DIBROMOETHANE	ug/L	NR	NA	NA			NA <1
1,2-DICHLOROBENZENE	ug/L	3	5.0 UJ	5.0 U			ND<1.00 <1
1,3-DICHLOROBENZENE	ug/L	3	5.0 UJ	5.0 U			ND<1.00 <1
1,4-DICHLOROBENZENE	ug/L	3	5.0 UJ	5.0 U			ND<1.00 <1
DICHLORODIFLUOROMETHANE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <5
1,1-DICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U			ND<1.00 <1
1,2-DICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U			ND<1.00 <1
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
CIS-1,2-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 UJ	5.7			ND<1.00 UJ <1
1,2-DICHLOROPROPANE	ug/L	1	5.0 UJ	5.0 U			ND<1.00 <1
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 UJ	5.0 U			ND<1.00 <1
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 UJ	5.0 U			ND<1.00 <1
ETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
2-HEXANONE	ug/L	50	5.0 UJ	5.0 U			ND<10.0 <10
ISOPROPYLBENZENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
2-BUTANONE (MEK)	ug/L	NR	5.0 UJ	5.0 U			ND<10.0 <10
METHYL ACETATE	ug/L	NR	NA	NA			NA <20
METHYL CYCLOHEXANE	ug/L	NR	NA	NA			NA <1
METHYLENE CHLORIDE	ug/L	5	5.0 UJ	5.0 U			ND<5.00 <5
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 UJ	1.3 J			ND<10.0 <10
METHYL TERT-BUTYL ETHER	ug/L	10	3.3 J	5.0 U			18.2 <1
NAPHTHALENE	ug/L	10	5.0 UJ	5.0 U			NA <5
STYRENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 UJ	5.0 U			ND<1.00 <1
TETRACHLOROETHENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 UJ <1
TOLUENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
1,2,3-TRICHLOROBENZENE	ug/L	NR	NA	NA			NA <1 J4
1,2,4-TRICHLOROBENZENE	ug/L	NR	NA	NA			NA <1 J4
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 UJ	5.0 U			ND<1.00 <1
TRICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U			ND<1.00 <1
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 UJ	5.0 U			ND<5.00 <5
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA			NA <1
VINYL CHLORIDE	ug/L	2	5.0 UJ	5.0 U			ND<1.00 UJ <1
O-XYLENE	ug/L	5	5.0 UJ	5.0 U			NA <1
M&P-XYLENE	ug/L	5	5.0 UJ	5.0 U			ND<3.00* <2
N-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U			NA <1
SEC-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U			NA <1
TERT-BUTYLBENZENE	ug/L	5	5.0 UJ	5.0 U			NA <1
P-ISOPROPYLTOLUENE	ug/L	5	5.0 UJ	5.0 U			NA <1
N-PROPYLBENZENE	ug/L	5	5.0 UJ	5.0 U			NA <1
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U			NA <1
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 UJ	5.0 U			NA <1

WELL: RIMW-13

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	RIMW-13	RIMW-13	RIMW-13	RIMW-13	RIMW-13
Sample Date			12-1-2012	5-11-2013		1-13-2017	02/26/2018
ACETONE	ug/L	50	5.0 U	5.0 U		ND<50.0 UJ	<50 J3
BENZENE	ug/L	1	5.0 U	5.0 U		ND<1.00	<1
BROMOCHLOROMETHANE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
BROMODICHLOROMETHANE	ug/L	5	NA			NA	<1
BROMOFORM	ug/L	NR	5.0 U	5.0 U		ND<1.00	<1
BROMOMETHANE	ug/L	5	5.0 UJ	5.0 U		ND<5.00	<5 J3
CARBON DISULFIDE	ug/L	60	2.2 J	5.0 U		ND<1.00	<1
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
CHLOROETHANE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA		NA	<1
CHLOROETHANE	ug/L	5	5.0 U	5.0 U		ND<5.00	<5
CHLOROFORM	ug/L	7	5.0 U	5.0 U		ND<5.00	<5
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	Well Not Sampled in 2015, Well Head Inaccessible	ND<2.50	<2.5
CYCLOHEXANE	ug/L	NR	NA	NA		NA	<1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA		NA	<5
1,2-DIBROMOETHANE	ug/L	NR	NA	NA		NA	<1
1,2-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U		ND<1.00	<1
1,3-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U		ND<1.00	<1
1,4-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U		ND<1.00	<1
DICHLORODIFLUOROMETHANE	ug/L	5	5.0 U	5.0 U		ND<1.00	<5
1,1-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U		ND<1.00	<1
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U		ND<1.00	<1
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U		ND<1.00	<1
CIS-1,2-DICHLOROETHENE	ug/L	5	1.7 J	1.9 J		1.36	1.1
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 U	5.0 U		ND<1.00	<1
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U		ND<1.00	<1
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 U	5.0 U	ND<1.00	<1	
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	ND<1.00	<1	
ETHYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
2-HEXANONE	ug/L	50	5.0 U	5.0 U	ND<10.0	<10	
ISOPROPYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	ND<10.0	<10	
METHYL ACETATE	ug/L	NR	NA	NA	NA	<20	
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	<1	
METHYLENE CHLORIDE	ug/L	5	5.0 U	5.0 U	ND<5.00	<5	
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	ND<10.0	<10	
METHYL TERT-BUTYL ETHER	ug/L	10	5.0 U	1.1 J	ND<1.00	<1	
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	NA	<5	
STYRENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
TETRACHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00 UJ	<1	
TOLUENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,2,3-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	<1 J4	
1,2,4-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	<1 J4	
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	<1	
TRICHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00	<1	
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	<5	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	<1	
VINYL CHLORIDE	ug/L	2	5.0 U	5.0 U	ND<1.00	<1	
O-XYLENE	ug/L	5	5.0 U	5.0 U	NA	<1	
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	ND<3.00*	<2	
N-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	NA	<1	
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	<1	

WELL: RIMW-14

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	RIMW-14	RIMW-14 DUP	RIMW-14	RIMW-14	RIMW-14 (BLIND DUPLICATE)	RIMW-14	RIMW-14
			12-1-2012	12-1-2012	5-11-2013	2-6-2016		1-13-2017	2-26-2018
ACETONE	ug/L	50	5.0 U	5.0 U	5.0 U	ND<50.0	ND<50.0 J	ND<50.0 UJ	<50
BENZENE	ug/L	1	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
BROMOCHLOROMETHANE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
BROMODICHLOROMETHANE	ug/L	5	NA	NA	NA	NA	NA	NA	<1
BROMOFORM	ug/L	NR	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
BROMOMETHANE	ug/L	5	5.0 UJ	5.0 UJ	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5 J0
CARBON DISULFIDE	ug/L	60	2.3 J	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CHLORO BENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
CHLOROETHANE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
CHLOROFORM	ug/L	7	5.0 U	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	5.0 U	ND<2.50	ND<2.50	ND<2.50	<2.5 J0
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA	NA	NA	<5
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
1,2-DICHLORO BENZENE	ug/L	3	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,3-DICHLORO BENZENE	ug/L	3	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,4-DICHLORO BENZENE	ug/L	3	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
DICHLORODIFLUOROMETHANE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<5
1,1-DICHLOROETHANE	ug/L	1	25	18	13	11.9	9.97	24.9	4.04
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 UJ	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CIS-1,2-DICHLOROETHENE	ug/L	5	120	70	56	83.5 J6	71.2	1.36	31.5
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	2.39	<1
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
ETHYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
2-HEXANONE	ug/L	50	5.0 U	5.0 U	5.0 U	ND<10.0	ND<10.0	ND<10.0	<10 J4
ISOPROPYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	5.0 U	ND<10.0	ND<10.0 J	ND<10.0	<10
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA	NA	NA	<20
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
METHYLENE CHLORIDE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	5.0 U	ND<10.0	ND<10.0 J	ND<10.0	<10
METHYL TERT-BUTYL ETHER	ug/L	10	12	8.6	7.4	3.48	3.14	7.30	<1
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	5.0 U	NA	NA	NA	<5
STYRENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TETRACHLOROETHENE	ug/L	5	1.9 J	1.4 J	5.0 U	ND<1.00	ND<1.00	ND<1.00 UJ	<1
TOLUENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<1.00	<1
1,2,3-TRICHLORO BENZENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
1,2,4-TRICHLORO BENZENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	5.0 U	ND<1.00	ND<1.00	ND<1.00	<1
TRICHLOROETHENE	ug/L	5	5.4	4.3 J	3.7	ND<1.00	ND<1.00	3.33 U	<1
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<5.00	ND<5.00	ND<5.00	<5
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1
VINYL CHLORIDE	ug/L	2	2.5 J	1.8 J	5.0 U	ND<1.00	ND<1.00	3.21	<1
O-XYLENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	5.0 U	ND<3.00*	ND<3.00*	ND<3.00*	<2
N-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	5.0 U	NA	NA	NA	<1

WELL: MW-8

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	MW-8	MW-8	MW-8	MW-8 (BLIND DUPLICATE)	MW-8	MW-8		
			8-10-2012	5-11-2013	12-29-2015	12-29-2015	1-14-2017	02/26/2018		
ACETONE	ug/L	50	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	<50	J3
BENZENE	ug/L	1	5.0 U	0.92 J	1.00 U	1.00 U	1.00 U	1.00 U	<1	
BROMOCHLOROMETHANE	ug/L	5	NA	NA	NA	NA	NA	NA	<1	
BROMODICHLOROMETHANE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
BROMOFORM	ug/L	NR	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
BROMOMETHANE	ug/L	5	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	<5	J3
CARBON DISULFIDE	ug/L	60	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
CHLOROBENZENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	
CHLOROETHANE	ug/L	5	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	<5	
CHLOROFORM	ug/L	7	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	<5	
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	2.50 U	2.50 U	2.50 U	2.50 U	<2.5	
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA	NA	NA	<5	
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	
1,2-DICHLOROBENZENE	ug/L	3	5.0 U	1.1 J	1.00 U	1.00 U	1.00 U	1.00 U	<1	
1,3-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
1,4-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA	NA	NA	NA	NA	<5	
1,1-DICHLOROETHANE	ug/L	1	0.54 J	2.4 J	1.13 J	1.22 J	1.00 U	1.00 U	<1	
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
1,1-DICHLOROETHENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
CIS-1,2-DICHLOROETHENE	ug/L	5	17	78	22.6	24.4	2.98	7		
TRANS-1,2-DICHLOROETHENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
CIS-1,3-DICHLOROPROPENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
ETHYLBENZENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
2-HEXANONE	ug/L	50	5.0 U	5.0 U	10.0 U	10.0 U	10.0 U	10.0 U	<10	
ISOPROPYLBENZENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	10.0 U	10.0 U	10.0 U	10.0 U	<10	
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA	NA	NA	<20	
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	
METHYLENE CHLORIDE	ug/L	5	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	<5	
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	10.0 U	10.0 U	10.0 U	10.0 U	<10	
METHYL TERT-BUTYL ETHER	ug/L	10	5.0 U	1.2 J	3.83	4.18	5.12	10.3		
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	NA	NA	NA	NA	<5	
STYRENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
TETRACHLOROETHENE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
TOLUENE	ug/L	5	5.0 U	5.0 U	5.00 U	5.00 U	5.00 U	5.00 U	<1	
1,2,3-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	J4
1,2,4-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	J4
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	1.00 U	1.00 U	1.00 U	1.00 U	<1	
TRICHLOROETHENE	ug/L	5	22	82	16.2	16.9	7.35	7.73		
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 U	2.0 J	5.00 U	5.00 U	5.00 U	5.00 U	<5	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA	NA	NA	<1	
VINYL CHLORIDE	ug/L	2	4.8 J	20	11.8	14.0	10.0	14.9		
O-XYLENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	3.00 U	3.00 U	3.00 U	3.00 U	<2	
N-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	NA	NA	<1	

WELL: MW-18

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	MW-18		MW-18		MW-18		MW-18	
			8-10-2012	5-11-2013	2-6-2016	1-14-2017	02/26/2018			
ACETONE	ug/L	50	5.0 U	5.0 U	ND<50.0 J	ND<50.0 UJ	<50	J3		
BENZENE	ug/L	1	0.66 J	5.0 U	ND<1.00	ND<1.00	<1			
BROMOCHLOROMETHANE	ug/L	5	NA	NA	NA	NA	<1			
BROMODICHLOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
BROMOFORM	ug/L	NR	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
BROMOMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<5	J3		
CARBON DISULFIDE	ug/L	60	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
CHLOROBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA	<1			
CHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<5			
CHLOROFORM	ug/L	7	5.0 U	5.0 U	ND<5.00	ND<5.00	<5			
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	ND<2.50	ND<2.50	<2.5			
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	<1			
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA	<5			
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA	<1			
1,2-DICHLOROETHANE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
1,3-DICHLOROETHANE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
1,4-DICHLOROETHANE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA	NA	NA	<5			
1,1-DICHLOROETHANE	ug/L	1	0.61 J	5.0 U	ND<1.00	ND<1.00	<1			
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00	<1			
CIS-1,2-DICHLOROETHENE	ug/L	5	20	86	41.2	35.6	14.3			
TRANS-1,2-DICHLOROETHENE	ug/L	5	0.70 J	5.0 U	ND<1.00	ND<1.00	<1			
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
CIS-1,3-DICHLOROPROPENE	ug/L	NR	NA	NA	NA	NA	<1			
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
ETHYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
2-HEXANONE	ug/L	50	5.0 U	5.0 U	ND<10.0	ND<10.0	<10			
ISOPROPYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	ND<10.0 J	ND<10.0	<10			
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA	<20			
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	<1			
METHYLENE CHLORIDE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00	<5			
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	ND<10.0 J	ND<10.0	<10			
METHYL TERT-BUTYL ETHER	ug/L	10	4.3 J	6.2	10.7	14.8	20.8			
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	NA	NA	<5			
STYRENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00	<1			
TETRACHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00 UJ	<1			
TOLUENE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<1.00	<1			
1,2,3-TRICHLOROETHANE	ug/L	NR	NA	NA	NA	NA	<1	J4		
1,2,4-TRICHLOROETHANE	ug/L	NR	NA	NA	NA	NA	<1	J4		
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
TRICHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1			
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<5			
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA	<1			
VINYL CHLORIDE	ug/L	2	56	12	1.65	1.86	1.91			
O-XYLENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	ND<3.00*	ND<3.00*	<2			
N-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<3.00*	ND<3.00*	<1			
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1			

WELL: MW-20

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	MW-20	MW-20	MW-20	MW-20	MW-20
			8-10-2012	5-11-2013	12-29-2015	1-14-2017	2-26-2018
ACETONE	ug/L	50	5.0 U	5.0 U	51.9	ND<50.0 UJ	<1000 J3
BENZENE	ug/L	1	1.9 J	1.0 J	1.57	ND<1.00	<20
BROMOCHLOROMETHANE	ug/L	5	NA	NA	NA	NA	<20
BROMODICHLOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
BROMOFORM	ug/L	NR	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
BROMOMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<100 J3
CARBON DISULFIDE	ug/L	60	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
CHLOROBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA	<20
CHLOROETHANE	ug/L	5	3.1 J	5.0 U	ND<5.00	ND<5.00	<100
CHLOROFORM	ug/L	7	NA	NA	NA	NA	<100
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	ND<2.50	ND<2.50	<50
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	<20
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA	<100
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA	<20
1,2-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	2.19	<20
1,3-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
1,4-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA	NA	NA	<100
1,1-DICHLOROETHANE	ug/L	1	120	94	8.44	66.3	71.6
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00	<20
CIS-1,2-DICHLOROETHENE	ug/L	5	180	200	18.4	233	430
TRANS-1,2-DICHLOROETHENE	ug/L	5	3.0 J	2.3 J	ND<1.00	9.39	<20
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
ETHYLBENZENE	ug/L	5	2.6 J	1.3 J	3.79	ND<1.00	<20
2-HEXANONE	ug/L	50	5.0 U	5.0 U	ND<10.0	ND<10.0	<200
ISOPROPYLBENZENE	ug/L	5	0.54 J	5.0 U	ND<1.00	ND<1.00	<20
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	10.2	ND<10.0	<200
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA	<400
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	<20
METHYLENE CHLORIDE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00	<100
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	ND<10.0	ND<10.0	<200
METHYL TERT-BUTYL ETHER	ug/L	10	7.6	17	14.3	9.14	<20
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	NA	NA	<100
STYRENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00	<20
TETRACHLOROETHENE	ug/L	5	5.0 U	5.0 U	ND<1.00 J	ND<1.00 UJ	<20
TOLUENE	ug/L	5	0.56 J	5.0 U	ND<5.00	ND<1.00	<20
1,2,3-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	<20 J4
1,2,4-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	<20 J4
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<20
TRICHLOROETHENE	ug/L	5	0.57 J	5.0 U	ND<1.00	ND<1.00	<20
TRICHLOROFLUOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<100
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA	<20
VINYL CHLORIDE	ug/L	2	5.6	5.0 U	ND<1.00	7.35	<20
O-XYLENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	25.9*	ND<3.00*	<40
N-BUTYLBENZENE	ug/L	5	2.2 J	5.0 U	NA	NA	<20
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<20

WELL: MW-21

Groundwater VOC Results

NYSDEC BCP Site #C828181

Former Holtz Porsche Audi Mazda, 3955 West Henrietta Road, Henrietta, New York

LaBella Project No. 2160295

Sample ID / Location	Units	NYSDEC Part 703 Groundwater Standards	MW-21	MW-21	MW-21	MW-21	MW-21	MW-21 (Blind Duplicate)
			8-10-2012	5-11-2013	2-6-2016	1-13-2017	2-26-2018	2-26-2018
ACETONE	ug/L	50	5.0 U	5.0 U	ND<50.0	ND<50.0 J4	<50	<50 J3
BENZENE	ug/L	1	0.77 J	1.2 J	ND<1.00	ND<1.00	<1	<1
BROMOCHLOROMETHANE	ug/L	5	NA	NA	NA	NA	<1	<1
BROMODICHLOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
BROMOFORM	ug/L	NR	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
BROMOMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<5 J3	<5 J3
CARBON DISULFIDE	ug/L	60	0.63 J	5.0 U	ND<1.00	ND<1.00	<1	<1
CARBON TETRACHLORIDE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1 J3	<1
CHLOROBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
CHLORODIBROMOMETHANE	ug/L	NR	NA	NA	NA	NA	<1	<1
CHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<5	<5
CHLOROFORM	ug/L	7	NA	NA	NA	NA	<5	<5
CHLOROMETHANE	ug/L	NR	5.0 U	5.0 U	ND<2.50	ND<2.50	<2.5	<2.5
CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	<1	<1
1,2-DIBROMO-3-CHLOROPROPANE	ug/L	0.04	NA	NA	NA	NA	<5 J3	<5
1,2-DIBROMOETHANE	ug/L	NR	NA	NA	NA	NA	<1	<1
1,2-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
1,3-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
1,4-DICHLOROBENZENE	ug/L	3	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
DICHLORODIFLUOROMETHANE	ug/L	5	NA	NA	NA	NA	<5	<5
1,1-DICHLOROETHANE	ug/L	1	37	48	30.3	9.32	26.3	26.6
1,2-DICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
1,1-DICHLOROETHENE	ug/L	5	5.0 UJ	5.0 U	ND<1.00	ND<1.00	<1	<1
CIS-1,2-DICHLOROETHENE	ug/L	5	200	430	523	147	360	341
TRANS-1,2-DICHLOROETHENE	ug/L	5	3.3 J	4.4 J	ND<1.00	ND<1.00	4.1	4.11
1,2-DICHLOROPROPANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
CIS-1,3-DICHLOROPROPENE	ug/L	NR	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
TRANS-1,3-DICHLOROPROPENE	ug/L	0.4	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
ETHYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
2-HEXANONE	ug/L	50	5.0 U	5.0 U	ND<10.0	ND<10.0	<10	<10
ISOPROPYLBENZENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
2-BUTANONE (MEK)	ug/L	NR	5.0 U	5.0 U	ND<10.0 J	ND<10.0	<10	<10
METHYL ACETATE	ug/L	NR	NA	NA	NA	NA	<20	<20
METHYL CYCLOHEXANE	ug/L	NR	NA	NA	NA	NA	<1	<1
METHYLENE CHLORIDE	ug/L	5	5.0 UJ	5.0 U	ND<5.00	ND<5.00	<5	<5
4-METHYL-2-PENTANONE (MIBK)	ug/L	NR	5.0 U	5.0 U	ND<10.0 J	ND<10.0	<10	<10
METHYL TERT-BUTYL ETHER	ug/L	10	4.7 J	13	7.68	4.23	5.93	6.16
NAPHTHALENE	ug/L	10	5.0 U	5.0 U	NA	NA	<5 J3	<5
STYRENE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1 J3	<1
1,1,2,2-TETRACHLOROETHANE	ug/L	1	5.0 UJ	5.0 U	ND<1.00	ND<1.00	<1	<1
TETRACHLOROETHENE	ug/L	5	5.0 U	1.5 J	ND<1.00	ND<1.00	<1	<1
TOLUENE	ug/L	5	5.0 U	5.0 U	ND<5.00	1.94	<1	<1
1,2,3-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	<1 J3 J4 J5	<1 J4
1,2,4-TRICHLOROBENZENE	ug/L	NR	NA	NA	NA	NA	<1 J4	<1 J4
1,1,1-TRICHLOROETHANE	ug/L	5	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
1,1,2-TRICHLOROETHANE	ug/L	1	5.0 U	5.0 U	ND<1.00	ND<1.00	<1	<1
TRICHLOROETHENE	ug/L	5	0.96 J	4.6 J	1.99	1.18	3.56	<1
TRICHLOROFUOROMETHANE	ug/L	5	5.0 U	5.0 U	ND<5.00	ND<5.00	<5	<5
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/L	NR	NA	NA	NA	NA	<1	<1
VINYL CHLORIDE	ug/L	2	4.5 J	3.7 J	3.71	2.10	15.7	16
O-XYLENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
M&P-XYLENE	ug/L	5	5.0 U	5.0 U	ND<3.00*	3.28*	<2	<2
N-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
SEC-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
TERT-BUTYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
P-ISOPROPYLTOLUENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
N-PROPYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
1,2,4-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1
1,3,5-TRIMETHYLBENZENE	ug/L	5	5.0 U	5.0 U	NA	NA	<1	<1



APPENDIX A

Groundwater Sample Logs



300 State Street
 Rochester, New York 14614
 Telephone: (585) 454-6110
 Facsimile: (585) 454-3066

Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 26, 2018
 Weather: Interior

WELL I.D.: MW-8

WELL SAMPLING INFORMATION

Well Diameter: 1" Static Water Level: 3.95'
 Depth of Well: 8.5' Length of Well Screen: 5'*
 Measuring Point: Top of PVC Depth to Top of Pump: 7.5'
 Pump Type: QED 0.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
1410	20		6.94	19.1	2.489	19.1	3.95	-55.5		Depth to water not collected
1415	20		6.83	18.6	2.444	29.0	2.13	-52.9		During purging. Water level
1420	20	0.2	6.82	18.5	2.396	36.6	1.99	-53.2		would not fit in 1-inch well with
1425	20		6.81	18.4	2.357	99.3	1.64	-55.9		Tubing for pump.
1430	20		6.79	18.3	2.331	147.6	1.07	-57.5		
1435	20		6.77	18.2	2.332	123.3	0.84	-56.9		
1440	20	0.3	6.76	18.3	2.332	95.5	0.60	-56.1		
1445	20		6.76	18.3	2.333	80.3	0.50	-55.1		
1450	20		6.75	18.4	2.334	72.8	0.46	-54.3		
1455	20		6.75	18.4	2.335	67.8	0.43	-53.1		
1500	20	0.4	6.75	18.4	2.333	70.8	0.41	-52.7		

Total +/- 0.4 Gallons Purged

Purge Time Start: 1347 Purge Time End: 1500 Final Static Water Level: 4.21'

OBSERVATIONS

Notes:
 -Starting purging at 13:47, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 15:00.
 -MP10 Controller Discharge: 5 sec Recharge: 10 sec.
 -Well appears to be in good condition.
 -* indicates not measured, based upon well construction logs.



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WELL I.D.: MW-18

Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 26, 2018
 Weather: Interior

WELL SAMPLING INFORMATION

Well Diameter: 1" Static Water Level: 3.49'
 Depth of Well: 12'* Length of Well Screen: 5'*
 Measuring Point: Top of PVC Depth to Top of Pump: 8'
 Pump Type: QED 0.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
1233	15		6.86	18.6	2.025	48.8	3.92	-15.0	3.74	
1238	15	0.1	6.78	18.7	3.978	42.8	1.94	-22.6	3.75	
1243	15		6.70	18.8	3.989	37.5	1.52	-26.9	3.75	
1248	15		6.68	18.8	3.989	30.8	1.34	-31.9	3.75	
1253	15	0.2	6.68	18.9	3.991	26.0	1.21	-34.6	3.75	
1258	15		6.67	18.9	3.992	18.1	1.09	-35.6	3.75	
1303	15		6.67	19.0	3.994	18.0	1.04	-36.5	3.75	
1308	15	0.3	6.67	19.0	3.996	17.6	1.01	-36.3	3.75	

Total +/- 0.3 Gallons Purged

Purge Time Start: 1215 Purge Time End: 1308 Final Static Water Level: 3.75

OBSERVATIONS

Notes:
 -Starting purging at 12:15, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 13:08.
 -Well appears to be in good condition.
 -* indicates not measured, based upon well construction logs.



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Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 26, 2018
 Weather: Interior

WELL I.D.: MW-20

WELL SAMPLING INFORMATION

Well Diameter: 1" Static Water Level: 3.02'
 Depth of Well: 9.4'* Length of Well Screen: 5'*
 Measuring Point: Top of PVC Depth to Top of Pump: 7.5'
 Pump Type: QED 0.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
1600	20		7.21	19.8	1.315	32.3	3.96	-44.8	3.40	
1605	20		7.08	19.9	2.772	30.1	2.66	-48.4	3.48	
1610	20	0.2	7.08	19.9	2.803	28.8	1.161	-51.5	3.55	
1615	20		7.05	20.1	2.802	29.8	1.47	-48.3	3.59	
1620	20		7.02	20.2	2.792	27.6	1.48	-42.2	3.62	
1625	20	0.3	7.02	20.3	2.771	28.6	1.61	-39.2	3.65	

Total +/- 0.3 Gallons Purged

Purge Time Start: 1544 Purge Time End: 1625 Final Static Water Level: 3.65

OBSERVATIONS

Notes:
 -Starting purging at 15:44, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 16:25.
 -Well appears to be in good condition.
 -MP10 Controller Recharge: 8 sec, Discharge: 4 sec, PSI: 15.
 -* indicates not measured, based upon well construction logs.



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WELL I.D.: MW-21

Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 23, 2018
 Weather: Interior

WELL SAMPLING INFORMATION

Well Diameter: 1" Static Water Level: 2.19'
 Depth of Well: 12'* Length of Well Screen: 5'*
 Measuring Point: Top of PVC Depth to Top of Pump: 9'
 Pump Type: QED 0.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
1500			6.86	19.2	1.637	211.2	3.77	20.7	2.40	
1505			6.80	19.0	2.927	154.0	2.05	14.9	2.41	
1510			6.76	19.2	2.918	98.5	1.43	10.5	2.42	
1515			6.75	19.1	2.948	76.4	1.28	7.8	2.42	
1520			6.73	19.0	3.015	53.4	0.96	1.3	2.42	
1525			6.72	19.1	3.049	37.6	0.76	-3.9	2.43	
1530			6.72	19.2	3.101	30.1	0.67	-7.3	2.43	
1535			6.71	19.2	3.127	21.3	0.59	-10.2	2.43	
1540			6.71	19.1	3.147	21.2	0.49	-13.3	2.43	
1545			6.71	19.1	3.167	19.0	0.44	-15.6	2.43	
1550			6.71	19.0	3.180	18.3	0.43	-17.1	2.43	
1555			6.71	19.0	3.190	17.9	0.40	-20.0	2.43	

Total +/- 0.3 Gallons Purged

Purge Time Start: 1455 Purge Time End: 1555 Final Static Water Level: 2.43

OBSERVATIONS

Notes:
 -Starting purging at 14:55, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 15:55.
 -Well, is missing a bolt, otherwise appears to be in good condition.
 -MS/MSD/Duplicate collected.
 -* indicates not measured, based upon well construction logs.



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Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 26, 2018
 Weather: 40's (degrees F), Sunny

WELL I.D.: RIMW-3

WELL SAMPLING INFORMATION

Well Diameter: 2" Static Water Level: 0.89'
 Depth of Well: 16'* Length of Well Screen: 10'*
 Measuring Point: Top of PVC Depth to Top of Pump: 10'
 Pump Type: QED 1.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
0920	70	0.2	6.57	7.3	4.281	127.2	3.64	63.7	1.49	
0925	70	0.3	6.52	7.9	4.222	126.2	1.11	59.6	1.73	
0930	70	0.4	6.51	8.1	4.214	120.2	0.56	57.5	2.04	Missed five minute interval speaking with site contact.
0940	70	0.5	6.51	8.1	4.201	190.1	0.55	54.9	2.35	
0945	70	0.6	6.51	8.3	4.198	160.1	0.43	54.3	2.44	
0950	70	0.7	6.51	8.3	4.197	156.8	0.43	54.1	2.47	
0955	70	0.8	6.51	8.3	4.195	116.8	0.37	58.3	2.47	
1000	70	0.9	6.51	8.4	4.195	105.1	0.28	53.4	2.55	
1005	70	1.0	6.50	8.4	4.193	103.1	0.29	53.3	2.57	
1010	70	1.1	6.50	8.4	4.194	102.2	0.27	53.1	2.57	

Total +/- 1.1 Gallons Purged

Purge Time Start: 0915 Purge Time End: 1010 Final Static Water Level: 2.57

OBSERVATIONS

Notes:
 -Starting purging at 09:15, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 10:10.
 -Well appears to be in good condition.
 -* indicates not measured, based upon well construction logs.



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WELL I.D.: RIMW-5

Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 26, 2018
 Weather: 45 degrees F, Sunny

WELL SAMPLING INFORMATION

Well Diameter: 2" Static Water Level: 1.52'
 Depth of Well: 15.3'* Length of Well Screen: 10'*
 Measuring Point: Top of PVC Depth to Top of Pump: 10'
 Pump Type: QED 1.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
0730	40	0.1	6.82	8.4	4.580	102.8	1.95	53.0	1.85	
0735	40		6.89	7.1	5.047	124.5	0.70	35.0	2.20	
0745	40	0.2	6.98	7.1	5.090	127.6	0.40	23.1	2.65	
0750	40		7.15	6.2	5.105	95.4	0.40	16.1	2.57	
0755	40	0.3	7.13	6.1	5.117	70.1	0.50	9.1	3.15	
0800	40		7.14	6.2	5.116	46.0	0.35	5.6	3.45	
0805	40	0.4	7.15	6.3	5.117	45.8	0.28	4.5	3.57	
0810	40		7.15	6.0	5.136	44.1	0.27	3.2	3.65	
0815	40	0.5	7.15	6.0	5.140	42.8	0.28	2.9	3.75	

Total +/- 0.5 Gallons Purged

Purge Time Start: 0725 Purge Time End: 0815 Final Static Water Level: 3.75

OBSERVATIONS

Notes:
 -Starting purging at 07:25, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 08:15.
 -Well cap was missing bolts, water accumulated in curb box.
 -* indicates not measured, based upon well construction logs.



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WELL I.D.: RIMW-7

Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 26, 2018
 Weather: 40 degrees F, Clear sky

WELL SAMPLING INFORMATION

Well Diameter: 2" Static Water Level: 0' - Above PVC
 Depth of Well: 16'* Length of Well Screen: 10'*
 Measuring Point: Top of PVC Depth to Top of Pump: 10'
 Pump Type: QED 1.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
1755	150		7.94	9.8	27.774	320	0.62	-80.6	0	Water above PVC
1800	150		8.05	9.4	25.060	266.1	1.46	-68.3	0	Water above PVC
1805	380	1.0	8.99	8.5	12.202	182.0	2.86	-66.4	0	Water above PVC
1810	380		9.53	7.7	10.050	110.3	3.74	-55.2	0.2	
1815	250	2.0	9.55	7.6	10.014	87.0	3.73	-46.3	1.98	
1820	250		9.59	7.7	9.971	63.2	3.48	-38.9	4.04	
1825	250		9.58	7.6	10.088	57.7	3.55	-34.4	4.85	
1830	250	3.0	9.45	7.7	11.808	52.8	3.45	-29.6	5.30	
1835	250		9.42	7.8	12.231	47.3	3.59	-27.5	5.54	
1840	250		9.41	7.8	12.256	48.6	3.57	-26.7	5.56	
1845	250	4.0	9.40	7.8	12.155	46.6	3.65	-26.1	5.56	

Total +/- 4.0 Gallons Purged

Purge Time Start: 1750 Purge Time End: 1845 Final Static Water Level: 5.56

OBSERVATIONS

Notes:
 -Starting purging at 1750, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 18:45.
 -Curb box concrete appears cracked/damaged, water pooled over curb box, well compression cap does not fit properly (will not tighten), curb box full of water.
 -* indicates not measured, based upon well construction logs.



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Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 23, 2018
 Weather: Interior

WELL I.D.: RIMW-13

WELL SAMPLING INFORMATION

Well Diameter: 2" Static Water Level: 1.43
 Depth of Well: 14.8' Length of Well Screen: 10'*
 Measuring Point: Top of PVC Depth to Top of Pump: 10'
 Pump Type: QED 0.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
1300	30	0.1	6.79	17.8	5.731	74.1	1.48	36.3	1.52	
1305	30		6.79	17.8	5.758	72.8	1.37	35.3	1.58	
1310	30		6.80	18.1	5.747	73.5	1.22	23.5	1.64	
1315	30	0.2	6.79	18.5	5.734	72.6	1.01	19.6	1.64	
1320	30		6.79	18.7	5.764	74.0	0.71	16.0	1.65	
1325	30		6.78	18.8	5.777	80.8	0.54	12.7	1.65	
1330	30	0.3	6.78	18.9	5.783	82.4	0.50	11.4	1.66	
1335	30		6.78	18.9	5.790	87.0	0.42	9.8	1.66	
1340	30		6.78	18.9	5.792	89.2	0.41	8.6	1.66	
1345	30	0.45	6.78	18.9	5.792	89.8	0.39	7.6	1.66	

Total +/- 0.45 Gallons Purged

Purge Time Start: 1250 Purge Time End: 1345 Final Static Water Level: 1.66

OBSERVATIONS

Notes:
 -Starting purging at 1250, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 13:45.
 -Well appears to be in good condition.
 -MP10 Controller Recharge:3 sec, Discharge 3 sec.
 -* indicates not measured, based upon well construction logs.



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Project Name: Former Holtz P.A.M NYSDEC Site Code C828181
 Location: 3955 West Henrietta Road, Rochester, New York
 Project No.: 2160295
 Sampled By: A. Brett
 Date: February 27, 2018
 Weather: Interior

WELL I.D.: RIMW-14

WELL SAMPLING INFORMATION

Well Diameter: 2" Static Water Level: 1.10
 Depth of Well: 20.5'* Length of Well Screen: 5'*
 Measuring Point: Top of PVC Depth to Top of Pump: 10'
 Pump Type: QED 1.75-inch bladder pump Tubing Type: LDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)	Depth to Water (ft.)	Comments
			+/- 0.1	+/- 3%	+/- 3%	+/- 10% for >1 NTU	+/- 10%	+/- 10 mV	<0.3	
0730	150		7.32	17.2	1.689	71.4	7.33	161.9	1.15	
0735	150		7.32	17.9	3.620	57.1	5.83	149.2	1.70	
0740	150		7.32	18.8	3.647	21.8	5.28	137.7	2.93	
0745	150		7.24	18.9	3.564	14.2	4.70	130.6	3.21	
0750	190	1.0	6.93	18.9	3.057	9.2	2.36	-2.1	3.76	
0755	190		6.89	18.9	2.934	10.0	1.72	-6.1	4.25	
0800	190		6.87	18.9	2.862	12.5	1.34	-8.4	4.49	
0805	190		6.85	18.8	2.799	17.9	1.05	-10.3	4.79	
0810	190	2.0	6.84	18.8	2.753	25.6	0.87	-11.8	4.91	
0815	190		6.83	18.8	2.714	32.2	0.71	-12.6	5.03	
0820	190		6.83	18.9	2.700	31.5	0.64	-13.8	5.06	
0825	190	2.75	6.82	18.9	2.692	33.8	0.51	-14.3	5.07	

Total +/- 2.75 Gallons Purged

Purge Time Start: 0725 Purge Time End: 0825 Final Static Water Level: 5.07

OBSERVATIONS

Notes:
 -Starting purging at 0725, allowed flow through cell to fill prior to collecting parameters.
 -Sample collected at 08:25.
 -Curb box lid is broken in half, bolt is broken/sheared in curb box.
 -* indicates not measured, based upon well construction logs.



APPENDIX B

Laboratory Analytical Report

March 12, 2018

LaBella Associates, P.C.

Sample Delivery Group: L974606
Samples Received: 03/03/2018
Project Number: 2160295
Description: Former Holtz P.A.M
Site: C828181
Report To: Mr. Alex Brett / Mr. Mike Pelychaty
300 State Street, Suite 201
Rochester, NY 14614

Entire Report Reviewed By:



T. Alan Harvill
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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SAMPLE SUMMARY



MW-8 L974606-01 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/03/18 23:18	03/03/18 23:18	RAS

1 Cp

2 Tc

3 Ss

MW-18 L974606-02 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/03/18 23:37	03/03/18 23:37	RAS

4 Cn

5 Sr

MW-20 L974606-03 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	20	03/03/18 23:57	03/03/18 23:57	RAS

6 Qc

7 Gl

MW-21 L974606-04 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/04/18 00:16	03/04/18 00:16	RAS
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1082466	10	03/09/18 10:03	03/09/18 10:03	JAH

8 Al

9 Sc

RIMW-3 L974606-05 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/04/18 00:35	03/04/18 00:35	RAS

RIMW-5 L974606-06 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/04/18 00:54	03/04/18 00:54	RAS

RIMW-7 L974606-07 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/04/18 01:13	03/04/18 01:13	RAS

RIMW-13 L974606-08 GW

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Collected by Alex Bretl				Collected date/time 02/26/18 15:00	Received date/time 03/03/18 09:00
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/04/18 01:32	03/04/18 01:32	RAS

SAMPLE SUMMARY



RIMW-14 L974606-09 GW

Collected by: Alex Brett
 Collected date/time: 02/26/18 15:00
 Received date/time: 03/03/18 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1082466	1	03/09/18 10:22	03/09/18 10:22	JAH

1 Cp

2 Tc

BLIND DUPLICATE L974606-10 GW

Collected by: Alex Brett
 Collected date/time: 02/26/18 15:00
 Received date/time: 03/03/18 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/04/18 02:11	03/04/18 02:11	RAS
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1082466	10	03/09/18 10:41	03/09/18 10:41	JAH

3 Ss

4 Cn

5 Sr

TRIP BLANK L974606-11 GW

Collected by: Alex Brett
 Collected date/time: 02/26/18 15:00
 Received date/time: 03/03/18 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260C	WG1080230	1	03/03/18 20:06	03/03/18 20:06	RAS

6 Qc

7 Gl

8 Al

9 Sc



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

T. Alan Harvill
Technical Service Representative

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	<u>J3</u>	50.0	1	03/03/2018 23:18	WG1080230
Benzene	ND		1.00	1	03/03/2018 23:18	WG1080230
Bromochloromethane	ND		1.00	1	03/03/2018 23:18	WG1080230
Bromodichloromethane	ND		1.00	1	03/03/2018 23:18	WG1080230
Bromoform	ND		1.00	1	03/03/2018 23:18	WG1080230
Bromomethane	ND	<u>J3</u>	5.00	1	03/03/2018 23:18	WG1080230
Carbon disulfide	ND		1.00	1	03/03/2018 23:18	WG1080230
Carbon tetrachloride	ND		1.00	1	03/03/2018 23:18	WG1080230
Chlorobenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
Chlorodibromomethane	ND		1.00	1	03/03/2018 23:18	WG1080230
Chloroethane	ND		5.00	1	03/03/2018 23:18	WG1080230
Chloroform	ND		5.00	1	03/03/2018 23:18	WG1080230
Chloromethane	ND		2.50	1	03/03/2018 23:18	WG1080230
Cyclohexane	ND		1.00	1	03/03/2018 23:18	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/03/2018 23:18	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/03/2018 23:18	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/03/2018 23:18	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/03/2018 23:18	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/03/2018 23:18	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/03/2018 23:18	WG1080230
cis-1,2-Dichloroethene	7.00		1.00	1	03/03/2018 23:18	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/03/2018 23:18	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/03/2018 23:18	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/03/2018 23:18	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/03/2018 23:18	WG1080230
Ethylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
2-Hexanone	ND		10.0	1	03/03/2018 23:18	WG1080230
Isopropylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/03/2018 23:18	WG1080230
Methyl Acetate	ND		20.0	1	03/03/2018 23:18	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/03/2018 23:18	WG1080230
Methylene Chloride	ND		5.00	1	03/03/2018 23:18	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/03/2018 23:18	WG1080230
Methyl tert-butyl ether	10.3		1.00	1	03/03/2018 23:18	WG1080230
Naphthalene	ND		5.00	1	03/03/2018 23:18	WG1080230
Styrene	ND		1.00	1	03/03/2018 23:18	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/03/2018 23:18	WG1080230
Tetrachloroethene	ND		1.00	1	03/03/2018 23:18	WG1080230
Toluene	ND		1.00	1	03/03/2018 23:18	WG1080230
1,2,3-Trichlorobenzene	ND	<u>J4</u>	1.00	1	03/03/2018 23:18	WG1080230
1,2,4-Trichlorobenzene	ND	<u>J4</u>	1.00	1	03/03/2018 23:18	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/03/2018 23:18	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/03/2018 23:18	WG1080230
Trichloroethene	7.73		1.00	1	03/03/2018 23:18	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/03/2018 23:18	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/03/2018 23:18	WG1080230
Vinyl chloride	14.9		1.00	1	03/03/2018 23:18	WG1080230
o-Xylene	ND		1.00	1	03/03/2018 23:18	WG1080230
m&p-Xylenes	ND		2.00	1	03/03/2018 23:18	WG1080230
n-Butylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
sec-Butylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
tert-Butylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,3,5-Trimethylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
n-Propylbenzene	ND		1.00	1	03/03/2018 23:18	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/03/2018 23:18	WG1080230
(S) Toluene-d8	107		80.0-120		03/03/2018 23:18	WG1080230
(S) Dibromofluoromethane	93.9		76.0-123		03/03/2018 23:18	WG1080230
(S) a,a,a-Trifluorotoluene	93.4		80.0-120		03/03/2018 23:18	WG1080230
(S) 4-Bromofluorobenzene	98.2		80.0-120		03/03/2018 23:18	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	50.0	1	03/03/2018 23:37	WG1080230
Benzene	ND		1.00	1	03/03/2018 23:37	WG1080230
Bromochloromethane	ND		1.00	1	03/03/2018 23:37	WG1080230
Bromodichloromethane	ND		1.00	1	03/03/2018 23:37	WG1080230
Bromoform	ND		1.00	1	03/03/2018 23:37	WG1080230
Bromomethane	ND	J3	5.00	1	03/03/2018 23:37	WG1080230
Carbon disulfide	ND		1.00	1	03/03/2018 23:37	WG1080230
Carbon tetrachloride	ND		1.00	1	03/03/2018 23:37	WG1080230
Chlorobenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
Chlorodibromomethane	ND		1.00	1	03/03/2018 23:37	WG1080230
Chloroethane	ND		5.00	1	03/03/2018 23:37	WG1080230
Chloroform	ND		5.00	1	03/03/2018 23:37	WG1080230
Chloromethane	ND		2.50	1	03/03/2018 23:37	WG1080230
Cyclohexane	ND		1.00	1	03/03/2018 23:37	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/03/2018 23:37	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/03/2018 23:37	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/03/2018 23:37	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/03/2018 23:37	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/03/2018 23:37	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/03/2018 23:37	WG1080230
cis-1,2-Dichloroethene	14.3		1.00	1	03/03/2018 23:37	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/03/2018 23:37	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/03/2018 23:37	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/03/2018 23:37	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/03/2018 23:37	WG1080230
Ethylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
2-Hexanone	ND		10.0	1	03/03/2018 23:37	WG1080230
Isopropylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/03/2018 23:37	WG1080230
Methyl Acetate	ND		20.0	1	03/03/2018 23:37	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/03/2018 23:37	WG1080230
Methylene Chloride	ND		5.00	1	03/03/2018 23:37	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/03/2018 23:37	WG1080230
Methyl tert-butyl ether	20.8		1.00	1	03/03/2018 23:37	WG1080230
Naphthalene	ND		5.00	1	03/03/2018 23:37	WG1080230
Styrene	ND		1.00	1	03/03/2018 23:37	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/03/2018 23:37	WG1080230
Tetrachloroethene	ND		1.00	1	03/03/2018 23:37	WG1080230
Toluene	ND		1.00	1	03/03/2018 23:37	WG1080230
1,2,3-Trichlorobenzene	ND	J4	1.00	1	03/03/2018 23:37	WG1080230
1,2,4-Trichlorobenzene	ND	J4	1.00	1	03/03/2018 23:37	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/03/2018 23:37	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/03/2018 23:37	WG1080230
Trichloroethene	ND		1.00	1	03/03/2018 23:37	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/03/2018 23:37	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/03/2018 23:37	WG1080230
Vinyl chloride	1.91		1.00	1	03/03/2018 23:37	WG1080230
o-Xylene	ND		1.00	1	03/03/2018 23:37	WG1080230
m&p-Xylenes	ND		2.00	1	03/03/2018 23:37	WG1080230
n-Butylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
sec-Butylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
tert-Butylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
n-Propylbenzene	ND		1.00	1	03/03/2018 23:37	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/03/2018 23:37	WG1080230
(S) Toluene-d8	107		80.0-120		03/03/2018 23:37	WG1080230
(S) Dibromofluoromethane	94.7		76.0-123		03/03/2018 23:37	WG1080230
(S) a,a,a-Trifluorotoluene	91.8		80.0-120		03/03/2018 23:37	WG1080230
(S) 4-Bromofluorobenzene	98.9		80.0-120		03/03/2018 23:37	WG1080230

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	1000	20	03/03/2018 23:57	WG1080230
Benzene	ND		20.0	20	03/03/2018 23:57	WG1080230
Bromochloromethane	ND		20.0	20	03/03/2018 23:57	WG1080230
Bromodichloromethane	ND		20.0	20	03/03/2018 23:57	WG1080230
Bromoform	ND		20.0	20	03/03/2018 23:57	WG1080230
Bromomethane	ND	J3	100	20	03/03/2018 23:57	WG1080230
Carbon disulfide	ND		20.0	20	03/03/2018 23:57	WG1080230
Carbon tetrachloride	ND		20.0	20	03/03/2018 23:57	WG1080230
Chlorobenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
Chlorodibromomethane	ND		20.0	20	03/03/2018 23:57	WG1080230
Chloroethane	ND		100	20	03/03/2018 23:57	WG1080230
Chloroform	ND		100	20	03/03/2018 23:57	WG1080230
Chloromethane	ND		50.0	20	03/03/2018 23:57	WG1080230
Cyclohexane	ND		20.0	20	03/03/2018 23:57	WG1080230
1,2-Dibromo-3-Chloropropane	ND		100	20	03/03/2018 23:57	WG1080230
1,2-Dibromoethane	ND		20.0	20	03/03/2018 23:57	WG1080230
1,2-Dichlorobenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
1,3-Dichlorobenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
1,4-Dichlorobenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
Dichlorodifluoromethane	ND		100	20	03/03/2018 23:57	WG1080230
1,1-Dichloroethane	71.6		20.0	20	03/03/2018 23:57	WG1080230
1,2-Dichloroethane	ND		20.0	20	03/03/2018 23:57	WG1080230
1,1-Dichloroethene	ND		20.0	20	03/03/2018 23:57	WG1080230
cis-1,2-Dichloroethene	430		20.0	20	03/03/2018 23:57	WG1080230
trans-1,2-Dichloroethene	ND		20.0	20	03/03/2018 23:57	WG1080230
1,2-Dichloropropane	ND		20.0	20	03/03/2018 23:57	WG1080230
cis-1,3-Dichloropropene	ND		20.0	20	03/03/2018 23:57	WG1080230
trans-1,3-Dichloropropene	ND		20.0	20	03/03/2018 23:57	WG1080230
Ethylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
2-Hexanone	ND		200	20	03/03/2018 23:57	WG1080230
Isopropylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
2-Butanone (MEK)	ND		200	20	03/03/2018 23:57	WG1080230
Methyl Acetate	ND		400	20	03/03/2018 23:57	WG1080230
Methyl Cyclohexane	ND		20.0	20	03/03/2018 23:57	WG1080230
Methylene Chloride	ND		100	20	03/03/2018 23:57	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		200	20	03/03/2018 23:57	WG1080230
Methyl tert-butyl ether	ND		20.0	20	03/03/2018 23:57	WG1080230
Naphthalene	ND		100	20	03/03/2018 23:57	WG1080230
Styrene	ND		20.0	20	03/03/2018 23:57	WG1080230
1,1,2,2-Tetrachloroethane	ND		20.0	20	03/03/2018 23:57	WG1080230
Tetrachloroethene	ND		20.0	20	03/03/2018 23:57	WG1080230
Toluene	ND		20.0	20	03/03/2018 23:57	WG1080230
1,2,3-Trichlorobenzene	ND	J4	20.0	20	03/03/2018 23:57	WG1080230
1,2,4-Trichlorobenzene	ND	J4	20.0	20	03/03/2018 23:57	WG1080230
1,1,1-Trichloroethane	ND		20.0	20	03/03/2018 23:57	WG1080230
1,1,2-Trichloroethane	ND		20.0	20	03/03/2018 23:57	WG1080230
Trichloroethene	ND		20.0	20	03/03/2018 23:57	WG1080230
Trichlorofluoromethane	ND		100	20	03/03/2018 23:57	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		20.0	20	03/03/2018 23:57	WG1080230
Vinyl chloride	ND		20.0	20	03/03/2018 23:57	WG1080230
o-Xylene	ND		20.0	20	03/03/2018 23:57	WG1080230
m&p-Xylenes	ND		40.0	20	03/03/2018 23:57	WG1080230
n-Butylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
sec-Butylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
tert-Butylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
1,2,4-Trimethylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
n-Propylbenzene	ND		20.0	20	03/03/2018 23:57	WG1080230
p-Isopropyltoluene	ND		20.0	20	03/03/2018 23:57	WG1080230
(S) Toluene-d8	103		80.0-120		03/03/2018 23:57	WG1080230
(S) Dibromofluoromethane	95.9		76.0-123		03/03/2018 23:57	WG1080230
(S) a,a,a-Trifluorotoluene	95.1		80.0-120		03/03/2018 23:57	WG1080230
(S) 4-Bromofluorobenzene	101		80.0-120		03/03/2018 23:57	WG1080230

Sample Narrative:

L974606-03 WG1080230: Targets too high to run lower.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	03/04/2018 00:16	WG1080230
Benzene	ND		1.00	1	03/04/2018 00:16	WG1080230
Bromochloromethane	ND		1.00	1	03/04/2018 00:16	WG1080230
Bromodichloromethane	ND		1.00	1	03/04/2018 00:16	WG1080230
Bromoform	ND		1.00	1	03/04/2018 00:16	WG1080230
Bromomethane	ND	J3	5.00	1	03/04/2018 00:16	WG1080230
Carbon disulfide	ND		1.00	1	03/04/2018 00:16	WG1080230
Carbon tetrachloride	ND	J3	1.00	1	03/04/2018 00:16	WG1080230
Chlorobenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
Chlorodibromomethane	ND		1.00	1	03/04/2018 00:16	WG1080230
Chloroethane	ND		5.00	1	03/04/2018 00:16	WG1080230
Chloroform	ND		5.00	1	03/04/2018 00:16	WG1080230
Chloromethane	ND		2.50	1	03/04/2018 00:16	WG1080230
Cyclohexane	ND		1.00	1	03/04/2018 00:16	WG1080230
1,2-Dibromo-3-Chloropropane	ND	J3	5.00	1	03/04/2018 00:16	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/04/2018 00:16	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/04/2018 00:16	WG1080230
1,1-Dichloroethane	26.3		1.00	1	03/04/2018 00:16	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/04/2018 00:16	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/04/2018 00:16	WG1080230
cis-1,2-Dichloroethene	360		10.0	10	03/09/2018 10:03	WG1082466
trans-1,2-Dichloroethene	4.10		1.00	1	03/04/2018 00:16	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/04/2018 00:16	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/04/2018 00:16	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/04/2018 00:16	WG1080230
Ethylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
2-Hexanone	ND		10.0	1	03/04/2018 00:16	WG1080230
Isopropylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/04/2018 00:16	WG1080230
Methyl Acetate	ND		20.0	1	03/04/2018 00:16	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/04/2018 00:16	WG1080230
Methylene Chloride	ND		5.00	1	03/04/2018 00:16	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/04/2018 00:16	WG1080230
Methyl tert-butyl ether	5.93		1.00	1	03/04/2018 00:16	WG1080230
Naphthalene	ND	J3	5.00	1	03/04/2018 00:16	WG1080230
Styrene	ND	J3	1.00	1	03/04/2018 00:16	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/04/2018 00:16	WG1080230
Tetrachloroethene	ND		1.00	1	03/04/2018 00:16	WG1080230
Toluene	ND		1.00	1	03/04/2018 00:16	WG1080230
1,2,3-Trichlorobenzene	ND	J3 J4 J5	1.00	1	03/04/2018 00:16	WG1080230
1,2,4-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 00:16	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/04/2018 00:16	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/04/2018 00:16	WG1080230
Trichloroethene	3.56		1.00	1	03/04/2018 00:16	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/04/2018 00:16	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/04/2018 00:16	WG1080230
Vinyl chloride	15.7		1.00	1	03/04/2018 00:16	WG1080230
o-Xylene	ND		1.00	1	03/04/2018 00:16	WG1080230
m&p-Xylenes	ND		2.00	1	03/04/2018 00:16	WG1080230
n-Butylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
sec-Butylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
tert-Butylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
n-Propylbenzene	ND		1.00	1	03/04/2018 00:16	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/04/2018 00:16	WG1080230
(S) Toluene-d8	104		80.0-120		03/04/2018 00:16	WG1080230
(S) Toluene-d8	105		80.0-120		03/09/2018 10:03	WG1082466
(S) Dibromofluoromethane	92.6		76.0-123		03/04/2018 00:16	WG1080230
(S) Dibromofluoromethane	91.9		76.0-123		03/09/2018 10:03	WG1082466
(S) a,a,a-Trifluorotoluene	95.3		80.0-120		03/04/2018 00:16	WG1080230
(S) a,a,a-Trifluorotoluene	98.4		80.0-120		03/09/2018 10:03	WG1082466
(S) 4-Bromofluorobenzene	98.0		80.0-120		03/04/2018 00:16	WG1080230
(S) 4-Bromofluorobenzene	95.5		80.0-120		03/09/2018 10:03	WG1082466

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	<u>J3</u>	50.0	1	03/04/2018 00:35	WG1080230
Benzene	ND		1.00	1	03/04/2018 00:35	WG1080230
Bromochloromethane	ND		1.00	1	03/04/2018 00:35	WG1080230
Bromodichloromethane	ND		1.00	1	03/04/2018 00:35	WG1080230
Bromoform	ND		1.00	1	03/04/2018 00:35	WG1080230
Bromomethane	ND	<u>J3</u>	5.00	1	03/04/2018 00:35	WG1080230
Carbon disulfide	ND		1.00	1	03/04/2018 00:35	WG1080230
Carbon tetrachloride	ND		1.00	1	03/04/2018 00:35	WG1080230
Chlorobenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
Chlorodibromomethane	ND		1.00	1	03/04/2018 00:35	WG1080230
Chloroethane	ND		5.00	1	03/04/2018 00:35	WG1080230
Chloroform	ND		5.00	1	03/04/2018 00:35	WG1080230
Chloromethane	ND		2.50	1	03/04/2018 00:35	WG1080230
Cyclohexane	ND		1.00	1	03/04/2018 00:35	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/04/2018 00:35	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/04/2018 00:35	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/04/2018 00:35	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/04/2018 00:35	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/04/2018 00:35	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/04/2018 00:35	WG1080230
cis-1,2-Dichloroethene	ND		1.00	1	03/04/2018 00:35	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/04/2018 00:35	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/04/2018 00:35	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/04/2018 00:35	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/04/2018 00:35	WG1080230
Ethylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
2-Hexanone	ND		10.0	1	03/04/2018 00:35	WG1080230
Isopropylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/04/2018 00:35	WG1080230
Methyl Acetate	ND		20.0	1	03/04/2018 00:35	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/04/2018 00:35	WG1080230
Methylene Chloride	ND		5.00	1	03/04/2018 00:35	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/04/2018 00:35	WG1080230
Methyl tert-butyl ether	ND		1.00	1	03/04/2018 00:35	WG1080230
Naphthalene	ND		5.00	1	03/04/2018 00:35	WG1080230
Styrene	ND		1.00	1	03/04/2018 00:35	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/04/2018 00:35	WG1080230
Tetrachloroethene	ND		1.00	1	03/04/2018 00:35	WG1080230
Toluene	ND		1.00	1	03/04/2018 00:35	WG1080230
1,2,3-Trichlorobenzene	ND	<u>J4</u>	1.00	1	03/04/2018 00:35	WG1080230
1,2,4-Trichlorobenzene	ND	<u>J4</u>	1.00	1	03/04/2018 00:35	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/04/2018 00:35	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/04/2018 00:35	WG1080230
Trichloroethene	ND		1.00	1	03/04/2018 00:35	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/04/2018 00:35	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/04/2018 00:35	WG1080230
Vinyl chloride	ND		1.00	1	03/04/2018 00:35	WG1080230
o-Xylene	ND		1.00	1	03/04/2018 00:35	WG1080230
m&p-Xylenes	ND		2.00	1	03/04/2018 00:35	WG1080230
n-Butylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
sec-Butylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
tert-Butylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,3,5-Trimethylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
n-Propylbenzene	ND		1.00	1	03/04/2018 00:35	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/04/2018 00:35	WG1080230
(S) Toluene-d8	105		80.0-120		03/04/2018 00:35	WG1080230
(S) Dibromofluoromethane	95.8		76.0-123		03/04/2018 00:35	WG1080230
(S) a,a,a-Trifluorotoluene	91.5		80.0-120		03/04/2018 00:35	WG1080230
(S) 4-Bromofluorobenzene	108		80.0-120		03/04/2018 00:35	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	50.0	1	03/04/2018 00:54	WG1080230
Benzene	ND		1.00	1	03/04/2018 00:54	WG1080230
Bromochloromethane	ND		1.00	1	03/04/2018 00:54	WG1080230
Bromodichloromethane	ND		1.00	1	03/04/2018 00:54	WG1080230
Bromoform	ND		1.00	1	03/04/2018 00:54	WG1080230
Bromomethane	ND	J3	5.00	1	03/04/2018 00:54	WG1080230
Carbon disulfide	ND		1.00	1	03/04/2018 00:54	WG1080230
Carbon tetrachloride	ND		1.00	1	03/04/2018 00:54	WG1080230
Chlorobenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
Chlorodibromomethane	ND		1.00	1	03/04/2018 00:54	WG1080230
Chloroethane	ND		5.00	1	03/04/2018 00:54	WG1080230
Chloroform	ND		5.00	1	03/04/2018 00:54	WG1080230
Chloromethane	ND		2.50	1	03/04/2018 00:54	WG1080230
Cyclohexane	ND		1.00	1	03/04/2018 00:54	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/04/2018 00:54	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/04/2018 00:54	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/04/2018 00:54	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/04/2018 00:54	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/04/2018 00:54	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/04/2018 00:54	WG1080230
cis-1,2-Dichloroethene	ND		1.00	1	03/04/2018 00:54	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/04/2018 00:54	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/04/2018 00:54	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/04/2018 00:54	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/04/2018 00:54	WG1080230
Ethylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
2-Hexanone	ND		10.0	1	03/04/2018 00:54	WG1080230
Isopropylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/04/2018 00:54	WG1080230
Methyl Acetate	ND		20.0	1	03/04/2018 00:54	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/04/2018 00:54	WG1080230
Methylene Chloride	ND		5.00	1	03/04/2018 00:54	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/04/2018 00:54	WG1080230
Methyl tert-butyl ether	1.26		1.00	1	03/04/2018 00:54	WG1080230
Naphthalene	ND		5.00	1	03/04/2018 00:54	WG1080230
Styrene	ND		1.00	1	03/04/2018 00:54	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/04/2018 00:54	WG1080230
Tetrachloroethene	ND		1.00	1	03/04/2018 00:54	WG1080230
Toluene	ND		1.00	1	03/04/2018 00:54	WG1080230
1,2,3-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 00:54	WG1080230
1,2,4-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 00:54	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/04/2018 00:54	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/04/2018 00:54	WG1080230
Trichloroethene	ND		1.00	1	03/04/2018 00:54	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/04/2018 00:54	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/04/2018 00:54	WG1080230
Vinyl chloride	ND		1.00	1	03/04/2018 00:54	WG1080230
o-Xylene	ND		1.00	1	03/04/2018 00:54	WG1080230
m&p-Xylenes	ND		2.00	1	03/04/2018 00:54	WG1080230
n-Butylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
sec-Butylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
tert-Butylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
n-Propylbenzene	ND		1.00	1	03/04/2018 00:54	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/04/2018 00:54	WG1080230
(S) Toluene-d8	105		80.0-120		03/04/2018 00:54	WG1080230
(S) Dibromofluoromethane	93.8		76.0-123		03/04/2018 00:54	WG1080230
(S) a,a,a-Trifluorotoluene	93.0		80.0-120		03/04/2018 00:54	WG1080230
(S) 4-Bromofluorobenzene	107		80.0-120		03/04/2018 00:54	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	50.0	1	03/04/2018 01:13	WG1080230
Benzene	ND		1.00	1	03/04/2018 01:13	WG1080230
Bromochloromethane	ND		1.00	1	03/04/2018 01:13	WG1080230
Bromodichloromethane	ND		1.00	1	03/04/2018 01:13	WG1080230
Bromoform	ND		1.00	1	03/04/2018 01:13	WG1080230
Bromomethane	ND	J3	5.00	1	03/04/2018 01:13	WG1080230
Carbon disulfide	ND		1.00	1	03/04/2018 01:13	WG1080230
Carbon tetrachloride	ND		1.00	1	03/04/2018 01:13	WG1080230
Chlorobenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
Chlorodibromomethane	ND		1.00	1	03/04/2018 01:13	WG1080230
Chloroethane	ND		5.00	1	03/04/2018 01:13	WG1080230
Chloroform	ND		5.00	1	03/04/2018 01:13	WG1080230
Chloromethane	ND		2.50	1	03/04/2018 01:13	WG1080230
Cyclohexane	ND		1.00	1	03/04/2018 01:13	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/04/2018 01:13	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/04/2018 01:13	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/04/2018 01:13	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/04/2018 01:13	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/04/2018 01:13	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/04/2018 01:13	WG1080230
cis-1,2-Dichloroethene	ND		1.00	1	03/04/2018 01:13	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/04/2018 01:13	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/04/2018 01:13	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/04/2018 01:13	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/04/2018 01:13	WG1080230
Ethylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
2-Hexanone	ND		10.0	1	03/04/2018 01:13	WG1080230
Isopropylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/04/2018 01:13	WG1080230
Methyl Acetate	ND		20.0	1	03/04/2018 01:13	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/04/2018 01:13	WG1080230
Methylene Chloride	ND		5.00	1	03/04/2018 01:13	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/04/2018 01:13	WG1080230
Methyl tert-butyl ether	ND		1.00	1	03/04/2018 01:13	WG1080230
Naphthalene	ND		5.00	1	03/04/2018 01:13	WG1080230
Styrene	ND		1.00	1	03/04/2018 01:13	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/04/2018 01:13	WG1080230
Tetrachloroethene	ND		1.00	1	03/04/2018 01:13	WG1080230
Toluene	ND		1.00	1	03/04/2018 01:13	WG1080230
1,2,3-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 01:13	WG1080230
1,2,4-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 01:13	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/04/2018 01:13	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/04/2018 01:13	WG1080230
Trichloroethene	ND		1.00	1	03/04/2018 01:13	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/04/2018 01:13	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/04/2018 01:13	WG1080230
Vinyl chloride	ND		1.00	1	03/04/2018 01:13	WG1080230
o-Xylene	ND		1.00	1	03/04/2018 01:13	WG1080230
m&p-Xylenes	ND		2.00	1	03/04/2018 01:13	WG1080230
n-Butylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
sec-Butylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
tert-Butylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
1,3,5-Trimethylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
n-Propylbenzene	ND		1.00	1	03/04/2018 01:13	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/04/2018 01:13	WG1080230
(S) Toluene-d8	107		80.0-120		03/04/2018 01:13	WG1080230
(S) Dibromofluoromethane	90.9		76.0-123		03/04/2018 01:13	WG1080230
(S) a,a,a-Trifluorotoluene	93.5		80.0-120		03/04/2018 01:13	WG1080230
(S) 4-Bromofluorobenzene	101		80.0-120		03/04/2018 01:13	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	50.0	1	03/04/2018 01:32	WG1080230
Benzene	ND		1.00	1	03/04/2018 01:32	WG1080230
Bromochloromethane	ND		1.00	1	03/04/2018 01:32	WG1080230
Bromodichloromethane	ND		1.00	1	03/04/2018 01:32	WG1080230
Bromoform	ND		1.00	1	03/04/2018 01:32	WG1080230
Bromomethane	ND	J3	5.00	1	03/04/2018 01:32	WG1080230
Carbon disulfide	ND		1.00	1	03/04/2018 01:32	WG1080230
Carbon tetrachloride	ND		1.00	1	03/04/2018 01:32	WG1080230
Chlorobenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
Chlorodibromomethane	ND		1.00	1	03/04/2018 01:32	WG1080230
Chloroethane	ND		5.00	1	03/04/2018 01:32	WG1080230
Chloroform	ND		5.00	1	03/04/2018 01:32	WG1080230
Chloromethane	ND		2.50	1	03/04/2018 01:32	WG1080230
Cyclohexane	ND		1.00	1	03/04/2018 01:32	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/04/2018 01:32	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/04/2018 01:32	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/04/2018 01:32	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/04/2018 01:32	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/04/2018 01:32	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/04/2018 01:32	WG1080230
cis-1,2-Dichloroethene	1.10		1.00	1	03/04/2018 01:32	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/04/2018 01:32	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/04/2018 01:32	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/04/2018 01:32	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/04/2018 01:32	WG1080230
Ethylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
2-Hexanone	ND		10.0	1	03/04/2018 01:32	WG1080230
Isopropylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/04/2018 01:32	WG1080230
Methyl Acetate	ND		20.0	1	03/04/2018 01:32	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/04/2018 01:32	WG1080230
Methylene Chloride	ND		5.00	1	03/04/2018 01:32	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/04/2018 01:32	WG1080230
Methyl tert-butyl ether	ND		1.00	1	03/04/2018 01:32	WG1080230
Naphthalene	ND		5.00	1	03/04/2018 01:32	WG1080230
Styrene	ND		1.00	1	03/04/2018 01:32	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/04/2018 01:32	WG1080230
Tetrachloroethene	ND		1.00	1	03/04/2018 01:32	WG1080230
Toluene	ND		1.00	1	03/04/2018 01:32	WG1080230
1,2,3-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 01:32	WG1080230
1,2,4-Trichlorobenzene	ND	J4	1.00	1	03/04/2018 01:32	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/04/2018 01:32	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/04/2018 01:32	WG1080230
Trichloroethene	ND		1.00	1	03/04/2018 01:32	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/04/2018 01:32	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/04/2018 01:32	WG1080230
Vinyl chloride	ND		1.00	1	03/04/2018 01:32	WG1080230
o-Xylene	ND		1.00	1	03/04/2018 01:32	WG1080230
m&p-Xylenes	ND		2.00	1	03/04/2018 01:32	WG1080230
n-Butylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
sec-Butylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
tert-Butylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
n-Propylbenzene	ND		1.00	1	03/04/2018 01:32	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/04/2018 01:32	WG1080230
(S) Toluene-d8	107		80.0-120		03/04/2018 01:32	WG1080230
(S) Dibromofluoromethane	93.2		76.0-123		03/04/2018 01:32	WG1080230
(S) a,a,a-Trifluorotoluene	94.5		80.0-120		03/04/2018 01:32	WG1080230
(S) 4-Bromofluorobenzene	99.9		80.0-120		03/04/2018 01:32	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND		50.0	1	03/09/2018 10:22	WG1082466
Benzene	ND		1.00	1	03/09/2018 10:22	WG1082466
Bromochloromethane	ND		1.00	1	03/09/2018 10:22	WG1082466
Bromodichloromethane	ND		1.00	1	03/09/2018 10:22	WG1082466
Bromoform	ND		1.00	1	03/09/2018 10:22	WG1082466
Bromomethane	ND	JO	5.00	1	03/09/2018 10:22	WG1082466
Carbon disulfide	ND		1.00	1	03/09/2018 10:22	WG1082466
Carbon tetrachloride	ND		1.00	1	03/09/2018 10:22	WG1082466
Chlorobenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
Chlorodibromomethane	ND		1.00	1	03/09/2018 10:22	WG1082466
Chloroethane	ND		5.00	1	03/09/2018 10:22	WG1082466
Chloroform	ND		5.00	1	03/09/2018 10:22	WG1082466
Chloromethane	ND	JO	2.50	1	03/09/2018 10:22	WG1082466
Cyclohexane	ND		1.00	1	03/09/2018 10:22	WG1082466
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/09/2018 10:22	WG1082466
1,2-Dibromoethane	ND		1.00	1	03/09/2018 10:22	WG1082466
1,2-Dichlorobenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,3-Dichlorobenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,4-Dichlorobenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
Dichlorodifluoromethane	ND		5.00	1	03/09/2018 10:22	WG1082466
1,1-Dichloroethane	4.04		1.00	1	03/09/2018 10:22	WG1082466
1,2-Dichloroethane	ND		1.00	1	03/09/2018 10:22	WG1082466
1,1-Dichloroethene	ND		1.00	1	03/09/2018 10:22	WG1082466
cis-1,2-Dichloroethene	31.5		1.00	1	03/09/2018 10:22	WG1082466
trans-1,2-Dichloroethene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,2-Dichloropropane	ND		1.00	1	03/09/2018 10:22	WG1082466
cis-1,3-Dichloropropene	ND		1.00	1	03/09/2018 10:22	WG1082466
trans-1,3-Dichloropropene	ND		1.00	1	03/09/2018 10:22	WG1082466
Ethylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
2-Hexanone	ND	J4	10.0	1	03/09/2018 10:22	WG1082466
Isopropylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
2-Butanone (MEK)	ND		10.0	1	03/09/2018 10:22	WG1082466
Methyl Acetate	ND		20.0	1	03/09/2018 10:22	WG1082466
Methyl Cyclohexane	ND		1.00	1	03/09/2018 10:22	WG1082466
Methylene Chloride	ND		5.00	1	03/09/2018 10:22	WG1082466
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/09/2018 10:22	WG1082466
Methyl tert-butyl ether	ND		1.00	1	03/09/2018 10:22	WG1082466
Naphthalene	ND		5.00	1	03/09/2018 10:22	WG1082466
Styrene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/09/2018 10:22	WG1082466
Tetrachloroethene	ND		1.00	1	03/09/2018 10:22	WG1082466
Toluene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,2,3-Trichlorobenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,2,4-Trichlorobenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,1,1-Trichloroethane	ND		1.00	1	03/09/2018 10:22	WG1082466
1,1,2-Trichloroethane	ND		1.00	1	03/09/2018 10:22	WG1082466
Trichloroethene	ND		1.00	1	03/09/2018 10:22	WG1082466
Trichlorofluoromethane	ND		5.00	1	03/09/2018 10:22	WG1082466
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/09/2018 10:22	WG1082466
Vinyl chloride	ND		1.00	1	03/09/2018 10:22	WG1082466
o-Xylene	ND		1.00	1	03/09/2018 10:22	WG1082466
m&p-Xylenes	ND		2.00	1	03/09/2018 10:22	WG1082466
n-Butylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
sec-Butylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
tert-Butylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
1,2,4-Trimethylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
n-Propylbenzene	ND		1.00	1	03/09/2018 10:22	WG1082466
p-Isopropyltoluene	ND		1.00	1	03/09/2018 10:22	WG1082466
(S) Toluene-d8	108		80.0-120		03/09/2018 10:22	WG1082466
(S) Dibromofluoromethane	91.5		76.0-123		03/09/2018 10:22	WG1082466
(S) a,a,a-Trifluorotoluene	98.0		80.0-120		03/09/2018 10:22	WG1082466
(S) 4-Bromofluorobenzene	96.6		80.0-120		03/09/2018 10:22	WG1082466

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	<u>J3</u>	50.0	1	03/04/2018 02:11	WG1080230
Benzene	ND		1.00	1	03/04/2018 02:11	WG1080230
Bromochloromethane	ND		1.00	1	03/04/2018 02:11	WG1080230
Bromodichloromethane	ND		1.00	1	03/04/2018 02:11	WG1080230
Bromoform	ND		1.00	1	03/04/2018 02:11	WG1080230
Bromomethane	ND	<u>J3</u>	5.00	1	03/04/2018 02:11	WG1080230
Carbon disulfide	ND		1.00	1	03/04/2018 02:11	WG1080230
Carbon tetrachloride	ND		1.00	1	03/04/2018 02:11	WG1080230
Chlorobenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
Chlorodibromomethane	ND		1.00	1	03/04/2018 02:11	WG1080230
Chloroethane	ND		5.00	1	03/04/2018 02:11	WG1080230
Chloroform	ND		5.00	1	03/04/2018 02:11	WG1080230
Chloromethane	ND		2.50	1	03/04/2018 02:11	WG1080230
Cyclohexane	ND		1.00	1	03/04/2018 02:11	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/04/2018 02:11	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/04/2018 02:11	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/04/2018 02:11	WG1080230
1,1-Dichloroethane	26.6		1.00	1	03/04/2018 02:11	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/04/2018 02:11	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/04/2018 02:11	WG1080230
cis-1,2-Dichloroethene	341		10.0	10	03/09/2018 10:41	WG1082466
trans-1,2-Dichloroethene	4.11		1.00	1	03/04/2018 02:11	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/04/2018 02:11	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/04/2018 02:11	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/04/2018 02:11	WG1080230
Ethylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
2-Hexanone	ND		10.0	1	03/04/2018 02:11	WG1080230
Isopropylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/04/2018 02:11	WG1080230
Methyl Acetate	ND		20.0	1	03/04/2018 02:11	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/04/2018 02:11	WG1080230
Methylene Chloride	ND		5.00	1	03/04/2018 02:11	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/04/2018 02:11	WG1080230
Methyl tert-butyl ether	6.16		1.00	1	03/04/2018 02:11	WG1080230
Naphthalene	ND		5.00	1	03/04/2018 02:11	WG1080230
Styrene	ND		1.00	1	03/04/2018 02:11	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/04/2018 02:11	WG1080230
Tetrachloroethene	ND		1.00	1	03/04/2018 02:11	WG1080230
Toluene	ND		1.00	1	03/04/2018 02:11	WG1080230
1,2,3-Trichlorobenzene	ND	<u>J4</u>	1.00	1	03/04/2018 02:11	WG1080230
1,2,4-Trichlorobenzene	ND	<u>J4</u>	1.00	1	03/04/2018 02:11	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/04/2018 02:11	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/04/2018 02:11	WG1080230
Trichloroethene	ND		1.00	1	03/04/2018 02:11	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/04/2018 02:11	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/04/2018 02:11	WG1080230
Vinyl chloride	16.0		1.00	1	03/04/2018 02:11	WG1080230
o-Xylene	ND		1.00	1	03/04/2018 02:11	WG1080230
m&p-Xylenes	ND		2.00	1	03/04/2018 02:11	WG1080230
n-Butylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
sec-Butylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
tert-Butylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

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Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
n-Propylbenzene	ND		1.00	1	03/04/2018 02:11	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/04/2018 02:11	WG1080230
(S) Toluene-d8	105		80.0-120		03/04/2018 02:11	WG1080230
(S) Toluene-d8	107		80.0-120		03/09/2018 10:41	WG1082466
(S) Dibromofluoromethane	92.8		76.0-123		03/04/2018 02:11	WG1080230
(S) Dibromofluoromethane	90.9		76.0-123		03/09/2018 10:41	WG1082466
(S) a,a,a-Trifluorotoluene	93.2		80.0-120		03/04/2018 02:11	WG1080230
(S) a,a,a-Trifluorotoluene	98.1		80.0-120		03/09/2018 10:41	WG1082466
(S) 4-Bromofluorobenzene	101		80.0-120		03/04/2018 02:11	WG1080230
(S) 4-Bromofluorobenzene	96.4		80.0-120		03/09/2018 10:41	WG1082466

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/l		ug/l		date / time	
Acetone	ND	J3	50.0	1	03/03/2018 20:06	WG1080230
Benzene	ND		1.00	1	03/03/2018 20:06	WG1080230
Bromochloromethane	ND		1.00	1	03/03/2018 20:06	WG1080230
Bromodichloromethane	ND		1.00	1	03/03/2018 20:06	WG1080230
Bromoform	ND		1.00	1	03/03/2018 20:06	WG1080230
Bromomethane	ND	J3	5.00	1	03/03/2018 20:06	WG1080230
Carbon disulfide	ND		1.00	1	03/03/2018 20:06	WG1080230
Carbon tetrachloride	ND		1.00	1	03/03/2018 20:06	WG1080230
Chlorobenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
Chlorodibromomethane	ND		1.00	1	03/03/2018 20:06	WG1080230
Chloroethane	ND		5.00	1	03/03/2018 20:06	WG1080230
Chloroform	ND		5.00	1	03/03/2018 20:06	WG1080230
Chloromethane	ND		2.50	1	03/03/2018 20:06	WG1080230
Cyclohexane	ND		1.00	1	03/03/2018 20:06	WG1080230
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/03/2018 20:06	WG1080230
1,2-Dibromoethane	ND		1.00	1	03/03/2018 20:06	WG1080230
1,2-Dichlorobenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
1,3-Dichlorobenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
1,4-Dichlorobenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
Dichlorodifluoromethane	ND		5.00	1	03/03/2018 20:06	WG1080230
1,1-Dichloroethane	ND		1.00	1	03/03/2018 20:06	WG1080230
1,2-Dichloroethane	ND		1.00	1	03/03/2018 20:06	WG1080230
1,1-Dichloroethene	ND		1.00	1	03/03/2018 20:06	WG1080230
cis-1,2-Dichloroethene	ND		1.00	1	03/03/2018 20:06	WG1080230
trans-1,2-Dichloroethene	ND		1.00	1	03/03/2018 20:06	WG1080230
1,2-Dichloropropane	ND		1.00	1	03/03/2018 20:06	WG1080230
cis-1,3-Dichloropropene	ND		1.00	1	03/03/2018 20:06	WG1080230
trans-1,3-Dichloropropene	ND		1.00	1	03/03/2018 20:06	WG1080230
Ethylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
2-Hexanone	ND		10.0	1	03/03/2018 20:06	WG1080230
Isopropylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
2-Butanone (MEK)	ND		10.0	1	03/03/2018 20:06	WG1080230
Methyl Acetate	ND		20.0	1	03/03/2018 20:06	WG1080230
Methyl Cyclohexane	ND		1.00	1	03/03/2018 20:06	WG1080230
Methylene Chloride	ND		5.00	1	03/03/2018 20:06	WG1080230
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/03/2018 20:06	WG1080230
Methyl tert-butyl ether	ND		1.00	1	03/03/2018 20:06	WG1080230
Naphthalene	ND		5.00	1	03/03/2018 20:06	WG1080230
Styrene	ND		1.00	1	03/03/2018 20:06	WG1080230
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/03/2018 20:06	WG1080230
Tetrachloroethene	ND		1.00	1	03/03/2018 20:06	WG1080230
Toluene	ND		1.00	1	03/03/2018 20:06	WG1080230
1,2,3-Trichlorobenzene	ND	J4	1.00	1	03/03/2018 20:06	WG1080230
1,2,4-Trichlorobenzene	ND	J4	1.00	1	03/03/2018 20:06	WG1080230
1,1,1-Trichloroethane	ND		1.00	1	03/03/2018 20:06	WG1080230
1,1,2-Trichloroethane	ND		1.00	1	03/03/2018 20:06	WG1080230
Trichloroethene	ND		1.00	1	03/03/2018 20:06	WG1080230
Trichlorofluoromethane	ND		5.00	1	03/03/2018 20:06	WG1080230
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/03/2018 20:06	WG1080230
Vinyl chloride	ND		1.00	1	03/03/2018 20:06	WG1080230
o-Xylene	ND		1.00	1	03/03/2018 20:06	WG1080230
m&p-Xylenes	ND		2.00	1	03/03/2018 20:06	WG1080230
n-Butylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
sec-Butylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
tert-Butylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
1,2,4-Trimethylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Collected date/time: 02/26/18 15:00

L974606

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
1,3,5-Trimethylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
n-Propylbenzene	ND		1.00	1	03/03/2018 20:06	WG1080230
p-Isopropyltoluene	ND		1.00	1	03/03/2018 20:06	WG1080230
(S) Toluene-d8	108		80.0-120		03/03/2018 20:06	WG1080230
(S) Dibromofluoromethane	92.4		76.0-123		03/03/2018 20:06	WG1080230
(S) a,a,a-Trifluorotoluene	93.8		80.0-120		03/03/2018 20:06	WG1080230
(S) 4-Bromofluorobenzene	103		80.0-120		03/03/2018 20:06	WG1080230

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Method Blank (MB)

(MB) R3291733-3 03/03/18 19:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Benzene	U		0.331	1.00
Bromodichloromethane	U		0.380	1.00
Bromochloromethane	U		0.520	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon disulfide	U		0.275	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
Cyclohexane	U		0.390	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
Ethylbenzene	U		0.384	1.00
2-Hexanone	U		3.82	10.0
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methyl Acetate	U		4.30	20.0
Methyl Cyclohexane	U		0.380	1.00
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc



Method Blank (MB)

(MB) R3291733-3 03/03/18 19:47

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	105			80.0-120
(S) Dibromofluoromethane	94.0			76.0-123
(S) a,a,a-Trifluorotoluene	94.6			80.0-120
(S) 4-Bromofluorobenzene	104			80.0-120

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3291733-1 03/03/18 18:49 • (LCSD) R3291733-2 03/03/18 19:08

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Acetone	125	105	143	84.0	114	10.0-160		J3	30.6	23
Benzene	25.0	23.1	23.0	92.2	92.0	69.0-123			0.205	20
Bromodichloromethane	25.0	26.2	27.8	105	111	76.0-120			5.81	20
Bromochloromethane	25.0	25.2	24.4	101	97.6	76.0-122			3.06	20
Bromoform	25.0	23.5	25.2	94.1	101	67.0-132			6.96	20
Bromomethane	25.0	29.2	35.8	117	143	18.0-160		J3	20.4	20
n-Butylbenzene	25.0	28.7	30.2	115	121	72.0-126			5.09	20
sec-Butylbenzene	25.0	26.3	27.9	105	112	74.0-121			6.12	20
tert-Butylbenzene	25.0	25.9	26.9	104	107	75.0-122			3.63	20
Carbon disulfide	25.0	20.8	21.8	83.3	87.3	55.0-127			4.66	20



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3291733-1 03/03/18 18:49 • (LCSD) R3291733-2 03/03/18 19:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Carbon tetrachloride	25.0	23.9	24.9	95.7	99.5	63.0-122			3.84	20
Chlorobenzene	25.0	25.4	26.8	102	107	79.0-121			5.23	20
Chlorodibromomethane	25.0	24.8	25.2	99.0	101	75.0-125			1.64	20
Chloroethane	25.0	25.8	26.3	103	105	47.0-152			1.88	20
Chloroform	25.0	23.9	24.5	95.6	98.1	72.0-121			2.60	20
Chloromethane	25.0	21.7	23.1	86.9	92.6	48.0-139			6.36	20
Cyclohexane	25.0	23.5	23.6	93.9	94.4	70.0-130			0.521	20
1,2-Dibromo-3-Chloropropane	25.0	22.6	23.4	90.5	93.7	64.0-127			3.49	20
1,2-Dibromoethane	25.0	25.9	26.7	104	107	77.0-123			3.11	20
1,2-Dichlorobenzene	25.0	24.3	25.0	97.1	100	80.0-120			2.93	20
1,3-Dichlorobenzene	25.0	23.7	23.9	94.8	95.7	72.0-123			0.916	20
1,4-Dichlorobenzene	25.0	22.9	22.7	91.4	90.6	77.0-120			0.892	20
Dichlorodifluoromethane	25.0	30.4	31.8	122	127	49.0-155			4.50	20
1,1-Dichloroethane	25.0	25.2	25.7	101	103	70.0-126			1.89	20
1,2-Dichloroethane	25.0	25.4	25.9	102	103	67.0-126			1.80	20
1,1-Dichloroethene	25.0	21.9	22.5	87.5	89.9	64.0-129			2.70	20
cis-1,2-Dichloroethene	25.0	23.7	22.9	94.7	91.8	73.0-120			3.16	20
trans-1,2-Dichloroethene	25.0	23.5	23.8	94.1	95.1	71.0-121			1.07	20
1,2-Dichloropropane	25.0	26.6	28.1	106	112	75.0-125			5.47	20
cis-1,3-Dichloropropene	25.0	24.8	26.0	99.2	104	79.0-123			4.81	20
trans-1,3-Dichloropropene	25.0	27.6	28.1	110	112	74.0-127			1.65	20
Ethylbenzene	25.0	25.9	27.5	104	110	77.0-120			5.92	20
2-Hexanone	125	135	144	108	115	58.0-147			5.86	20
Isopropylbenzene	25.0	25.7	27.2	103	109	75.0-120			5.55	20
p-Isopropyltoluene	25.0	27.4	28.2	110	113	74.0-126			2.88	20
2-Butanone (MEK)	125	109	121	86.9	96.5	37.0-158			10.5	20
Methyl Acetate	125	121	123	96.4	98.6	70.0-130			2.24	20
Methyl Cyclohexane	25.0	23.2	24.3	92.7	97.1	70.0-130			4.61	20
Methylene Chloride	25.0	22.7	23.7	90.8	94.6	66.0-121			4.15	20
4-Methyl-2-pentanone (MIBK)	125	133	139	106	112	59.0-143			4.90	20
Methyl tert-butyl ether	25.0	23.9	24.3	95.5	97.0	64.0-123			1.57	20
Naphthalene	25.0	30.0	32.0	120	128	62.0-128			6.62	20
n-Propylbenzene	25.0	25.8	27.0	103	108	79.0-120			4.43	20
Styrene	25.0	24.9	25.5	99.7	102	78.0-124			2.37	20
1,1,2,2-Tetrachloroethane	25.0	23.9	24.9	95.6	99.8	71.0-122			4.33	20
Tetrachloroethene	25.0	22.2	23.0	89.0	92.0	70.0-127			3.34	20
Toluene	25.0	25.2	25.9	101	103	77.0-120			2.69	20
1,1,2-Trichlorotrifluoroethane	25.0	22.1	23.7	88.4	94.7	61.0-136			6.88	20
1,2,3-Trichlorobenzene	25.0	42.1	45.4	168	182	61.0-133	<u>J4</u>	<u>J4</u>	7.46	20
1,2,4-Trichlorobenzene	25.0	36.1	38.8	144	155	69.0-129	<u>J4</u>	<u>J4</u>	7.21	20

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3291733-1 03/03/18 18:49 • (LCSD) R3291733-2 03/03/18 19:08

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
1,1,1-Trichloroethane	25.0	24.7	25.6	98.7	102	68.0-122			3.70	20
1,1,2-Trichloroethane	25.0	25.8	25.9	103	104	78.0-120			0.449	20
Trichloroethene	25.0	25.6	26.6	102	106	78.0-120			3.98	20
Trichlorofluoromethane	25.0	26.0	27.9	104	112	56.0-137			6.97	20
1,2,4-Trimethylbenzene	25.0	25.9	27.3	104	109	75.0-120			5.45	20
1,3,5-Trimethylbenzene	25.0	25.7	26.7	103	107	75.0-120			3.92	20
Vinyl chloride	25.0	22.9	23.8	91.7	95.2	64.0-133			3.72	20
o-Xylene	25.0	26.3	26.2	105	105	78.0-120			0.404	20
m&p-Xylenes	50.0	52.1	53.5	104	107	77.0-120			2.71	20
(S) Toluene-d8				103	104	80.0-120				
(S) Dibromofluoromethane				92.7	93.4	76.0-123				
(S) a,a,a-Trifluorotoluene				92.9	94.4	80.0-120				
(S) 4-Bromofluorobenzene				102	102	80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

L974606-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L974606-04 03/04/18 00:16 • (MS) R3291733-4 03/04/18 02:30 • (MSD) R3291733-5 03/04/18 02:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	RPD %	RPD Limits %
Acetone	125	ND	90.2	111	72.1	89.2	1	10.0-139			21.1	25
Benzene	25.0	ND	20.5	23.9	78.7	92.3	1	34.0-147			15.4	20
Bromodichloromethane	25.0	ND	23.5	27.4	94.0	109	1	52.0-135			15.2	20
Bromochloromethane	25.0	ND	22.6	25.0	90.5	99.8	1	53.0-138			9.76	20
Bromoform	25.0	ND	19.6	23.9	78.5	95.7	1	50.0-146			19.8	20
Bromomethane	25.0	ND	16.6	24.9	66.2	99.7	1	10.0-160		J3	40.3	23
n-Butylbenzene	25.0	ND	23.6	27.9	94.5	112	1	50.0-144			16.5	20
sec-Butylbenzene	25.0	ND	22.6	26.2	90.6	105	1	48.0-143			14.4	20
tert-Butylbenzene	25.0	ND	22.5	26.5	89.8	106	1	50.0-142			16.4	20
Carbon disulfide	25.0	ND	15.0	17.2	59.9	68.8	1	10.0-147			13.7	20
Carbon tetrachloride	25.0	ND	21.8	26.9	87.3	108	1	41.0-138		J3	21.0	20
Chlorobenzene	25.0	ND	22.8	25.4	91.0	102	1	52.0-141			11.1	20
Chlorodibromomethane	25.0	ND	21.7	25.8	86.8	103	1	54.0-142			17.2	20
Chloroethane	25.0	ND	23.3	24.9	93.1	99.7	1	23.0-160			6.80	20
Chloroform	25.0	ND	21.6	25.1	86.2	101	1	50.0-139			15.4	20
Chloromethane	25.0	ND	17.0	20.3	68.1	81.0	1	14.0-151			17.4	20
Cyclohexane	25.0	ND	19.6	22.1	78.5	88.6	1	70.0-130			12.0	20
1,2-Dibromo-3-Chloropropane	25.0	ND	19.0	24.5	75.8	98.1	1	49.0-144		J3	25.6	24
1,2-Dibromoethane	25.0	ND	22.4	26.0	89.6	104	1	54.0-140			15.0	20
1,2-Dichlorobenzene	25.0	ND	19.6	23.6	78.5	94.4	1	56.0-139			18.4	20



L974606-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L974606-04 03/04/18 00:16 • (MS) R3291733-4 03/04/18 02:30 • (MSD) R3291733-5 03/04/18 02:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
1,3-Dichlorobenzene	25.0	ND	19.3	22.3	77.2	89.0	1	50.0-141			14.3	20
1,4-Dichlorobenzene	25.0	ND	18.7	21.8	74.7	87.3	1	53.0-136			15.6	20
Dichlorodifluoromethane	25.0	ND	26.5	30.9	106	124	1	20.0-160			15.4	21
1,1-Dichloroethane	25.0	26.3	49.1	52.6	91.2	105	1	47.0-143			6.96	20
1,2-Dichloroethane	25.0	ND	22.3	26.4	89.4	106	1	47.0-141			16.7	20
1,1-Dichloroethene	25.0	ND	19.7	22.4	78.9	89.7	1	31.0-148			12.8	20
cis-1,2-Dichloroethene	25.0	351	350	363	0.000	49.8	1	43.0-142	EV	E	3.77	20
trans-1,2-Dichloroethene	25.0	4.10	23.8	27.8	78.7	94.7	1	36.0-141			15.5	20
1,2-Dichloropropane	25.0	ND	22.6	26.8	90.4	107	1	51.0-141			16.9	20
cis-1,3-Dichloropropene	25.0	ND	22.2	25.8	88.7	103	1	53.0-139			15.0	20
trans-1,3-Dichloropropene	25.0	ND	22.5	26.3	90.0	105	1	51.0-143			15.6	20
Ethylbenzene	25.0	ND	23.3	27.0	93.2	108	1	42.0-147			14.7	20
2-Hexanone	125	ND	119	147	94.9	118	1	36.0-145			21.6	23
Isopropylbenzene	25.0	ND	21.5	25.4	86.0	102	1	48.0-141			16.9	20
p-Isopropyltoluene	25.0	ND	22.6	26.6	90.5	106	1	49.0-146			16.2	20
2-Butanone (MEK)	125	ND	93.1	115	74.4	92.2	1	12.0-149			21.3	24
Methyl Acetate	125	ND	101	124	80.8	99.3	1	70.0-130			20.5	20.8
Methyl Cyclohexane	25.0	ND	19.5	21.7	77.8	86.6	1	70.0-130			10.7	20.8
Methylene Chloride	25.0	ND	19.1	22.2	76.3	88.7	1	42.0-135			15.0	20
4-Methyl-2-pentanone (MIBK)	125	ND	119	144	95.6	115	1	44.0-160			18.5	22
Methyl tert-butyl ether	25.0	5.93	26.6	29.9	82.5	96.0	1	42.0-142			12.0	20
Naphthalene	25.0	ND	23.6	30.6	94.6	122	1	42.0-146		J3	25.5	24
n-Propylbenzene	25.0	ND	21.0	25.4	84.0	102	1	47.0-144			18.9	20
Styrene	25.0	ND	20.2	25.3	80.7	101	1	47.0-147		J3	22.4	20
1,1,2,2-Tetrachloroethane	25.0	ND	20.0	24.4	80.2	97.5	1	46.0-149			19.5	20
Tetrachloroethene	25.0	ND	19.8	22.2	76.4	86.1	1	38.0-147			11.5	20
Toluene	25.0	ND	22.9	25.6	91.6	102	1	42.0-141			11.0	20
1,1,2-Trichlorotrifluoroethane	25.0	ND	21.2	25.3	84.9	101	1	40.0-151			17.8	21
1,2,3-Trichlorobenzene	25.0	ND	33.9	42.7	136	171	1	45.0-145		J3 J5	23.1	22
1,2,4-Trichlorobenzene	25.0	ND	30.3	36.3	121	145	1	49.0-147			17.9	21
1,1,1-Trichloroethane	25.0	ND	23.3	27.0	93.1	108	1	46.0-140			14.8	20
1,1,2-Trichloroethane	25.0	ND	22.5	26.7	90.2	107	1	54.0-139			16.9	20
Trichloroethene	25.0	3.56	26.3	29.3	91.0	103	1	32.0-156			10.8	20
Trichlorofluoromethane	25.0	ND	25.8	28.3	103	113	1	32.0-152			9.31	20
1,2,4-Trimethylbenzene	25.0	ND	22.3	26.1	89.4	104	1	41.0-146			15.3	20
1,3,5-Trimethylbenzene	25.0	ND	21.2	25.1	84.8	100	1	44.0-143			16.8	20
Vinyl chloride	25.0	15.7	37.5	40.0	87.4	97.1	1	24.0-153			6.23	20
o-Xylene	25.0	ND	22.7	25.8	90.8	103	1	44.0-146			12.9	20
m&p-Xylenes	50.0	ND	46.0	52.0	92.0	104	1	41.0-147			12.2	20
(S) Toluene-d8					106	105		80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



L974606-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L974606-04 03/04/18 00:16 • (MS) R3291733-4 03/04/18 02:30 • (MSD) R3291733-5 03/04/18 02:49

Analyte	Spike Amount ug/l	Original Result ug/l	MS Result ug/l	MSD Result ug/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Dibromofluoromethane					95.6	95.1		76.0-123				
(S) a,a,a-Trifluorotoluene					93.5	94.9		80.0-120				
(S) 4-Bromofluorobenzene					99.0	102		80.0-120				

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3292003-3 03/09/18 06:46

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Benzene	U		0.331	1.00
Bromodichloromethane	U		0.380	1.00
Bromochloromethane	U		0.520	1.00
Bromoform	U		0.469	1.00
Bromomethane	U		0.866	5.00
n-Butylbenzene	U		0.361	1.00
sec-Butylbenzene	U		0.365	1.00
tert-Butylbenzene	U		0.399	1.00
Carbon disulfide	U		0.275	1.00
Carbon tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
Cyclohexane	U		0.390	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
1,2-Dichlorobenzene	U		0.349	1.00
1,3-Dichlorobenzene	U		0.220	1.00
1,4-Dichlorobenzene	U		0.274	1.00
Dichlorodifluoromethane	U		0.551	5.00
1,1-Dichloroethane	U		0.259	1.00
1,2-Dichloroethane	U		0.361	1.00
1,1-Dichloroethene	U		0.398	1.00
cis-1,2-Dichloroethene	U		0.260	1.00
trans-1,2-Dichloroethene	U		0.396	1.00
1,2-Dichloropropane	U		0.306	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
Ethylbenzene	U		0.384	1.00
2-Hexanone	U		3.82	10.0
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methyl Acetate	U		4.30	20.0
Methyl Cyclohexane	U		0.380	1.00
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc



Method Blank (MB)

(MB) R3292003-3 03/09/18 06:46

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Methyl tert-butyl ether	U		0.367	1.00
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.412	1.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	U		0.230	1.00
1,2,4-Trichlorobenzene	U		0.355	1.00
1,1,1-Trichloroethane	U		0.319	1.00
1,1,2-Trichloroethane	U		0.383	1.00
Trichloroethene	U		0.398	1.00
Trichlorofluoromethane	U		1.20	5.00
1,2,4-Trimethylbenzene	U		0.373	1.00
1,3,5-Trimethylbenzene	U		0.387	1.00
Vinyl chloride	U		0.259	1.00
o-Xylene	U		0.341	1.00
m&p-Xylenes	U		0.719	2.00
(S) Toluene-d8	106			80.0-120
(S) Dibromofluoromethane	90.0			76.0-123
(S) a,a,a-Trifluorotoluene	97.7			80.0-120
(S) 4-Bromofluorobenzene	95.3			80.0-120

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3292003-1 03/09/18 05:30 • (LCSD) R3292003-2 03/09/18 05:49

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Acetone	125	116	114	92.9	91.4	10.0-160			1.55	23
Benzene	25.0	23.7	24.1	94.8	96.5	69.0-123			1.78	20
Bromodichloromethane	25.0	22.5	22.1	89.9	88.6	76.0-120			1.53	20
Bromochloromethane	25.0	25.6	25.3	102	101	76.0-122			1.03	20
Bromoform	25.0	25.7	25.1	103	100	67.0-132			2.66	20
Bromomethane	25.0	18.7	20.4	75.0	81.4	18.0-160			8.25	20
n-Butylbenzene	25.0	26.4	26.0	106	104	72.0-126			1.56	20
sec-Butylbenzene	25.0	26.3	25.9	105	104	74.0-121			1.56	20
tert-Butylbenzene	25.0	26.9	26.6	108	106	75.0-122			1.08	20
Carbon disulfide	25.0	21.9	21.9	87.7	87.5	55.0-127			0.215	20



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3292003-1 03/09/18 05:30 • (LCSD) R3292003-2 03/09/18 05:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	25.0	23.3	24.8	93.1	99.1	63.0-122			6.23	20
Chlorobenzene	25.0	28.8	28.8	115	115	79.0-121			0.0276	20
Chlorodibromomethane	25.0	27.5	27.5	110	110	75.0-125			0.182	20
Chloroethane	25.0	21.8	22.2	87.1	88.8	47.0-152			1.93	20
Chloroform	25.0	23.7	23.7	94.7	94.9	72.0-121			0.228	20
Chloromethane	25.0	15.2	16.7	61.0	66.7	48.0-139			8.91	20
Cyclohexane	25.0	23.0	23.5	91.9	94.0	70.0-130			2.22	20
1,2-Dibromo-3-Chloropropane	25.0	28.1	27.3	112	109	64.0-127			2.88	20
1,2-Dibromoethane	25.0	28.4	28.0	114	112	77.0-123			1.33	20
1,2-Dichlorobenzene	25.0	27.0	27.0	108	108	80.0-120			0.0211	20
1,3-Dichlorobenzene	25.0	26.0	26.1	104	105	72.0-123			0.461	20
1,4-Dichlorobenzene	25.0	25.5	25.2	102	101	77.0-120			1.11	20
Dichlorodifluoromethane	25.0	24.8	25.3	99.1	101	49.0-155			2.16	20
1,1-Dichloroethane	25.0	28.3	28.3	113	113	70.0-126			0.103	20
1,2-Dichloroethane	25.0	25.5	25.9	102	104	67.0-126			1.50	20
1,1-Dichloroethene	25.0	24.4	25.2	97.5	101	64.0-129			3.54	20
cis-1,2-Dichloroethene	25.0	25.2	24.8	101	99.2	73.0-120			1.61	20
trans-1,2-Dichloroethene	25.0	25.1	25.7	101	103	71.0-121			2.11	20
1,2-Dichloropropane	25.0	28.7	28.9	115	116	75.0-125			0.756	20
cis-1,3-Dichloropropene	25.0	27.0	27.2	108	109	79.0-123			0.628	20
trans-1,3-Dichloropropene	25.0	28.6	28.4	114	114	74.0-127			0.791	20
Ethylbenzene	25.0	29.1	28.9	116	115	77.0-120			0.704	20
2-Hexanone	125	194	193	155	155	58.0-147	J4	J4	0.254	20
Isopropylbenzene	25.0	26.5	26.4	106	106	75.0-120			0.347	20
p-Isopropyltoluene	25.0	28.0	27.7	112	111	74.0-126			0.822	20
2-Butanone (MEK)	125	145	141	116	113	37.0-158			2.47	20
Methyl Acetate	125	134	135	107	108	70.0-130			0.848	20
Methyl Cyclohexane	25.0	23.2	23.3	92.9	93.4	70.0-130			0.514	20
Methylene Chloride	25.0	21.3	22.0	85.3	87.8	66.0-121			2.89	20
4-Methyl-2-pentanone (MIBK)	125	151	148	120	119	59.0-143			1.39	20
Methyl tert-butyl ether	25.0	22.0	22.7	88.0	91.0	64.0-123			3.30	20
Naphthalene	25.0	25.1	25.6	100	102	62.0-128			2.20	20
n-Propylbenzene	25.0	26.9	26.5	108	106	79.0-120			1.58	20
Styrene	25.0	25.9	26.1	104	104	78.0-124			0.622	20
1,1,2,2-Tetrachloroethane	25.0	23.9	24.8	95.5	99.1	71.0-122			3.76	20
Tetrachloroethene	25.0	28.8	28.3	115	113	70.0-127			1.73	20
Toluene	25.0	26.8	26.6	107	107	77.0-120			0.398	20
1,1,2-Trichlorotrifluoroethane	25.0	28.6	28.6	114	114	61.0-136			0.146	20
1,2,3-Trichlorobenzene	25.0	26.9	26.5	108	106	61.0-133			1.64	20
1,2,4-Trichlorobenzene	25.0	27.6	27.7	110	111	69.0-129			0.421	20

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3292003-1 03/09/18 05:30 • (LCSD) R3292003-2 03/09/18 05:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
1,1,1-Trichloroethane	25.0	24.1	24.4	96.3	97.6	68.0-122			1.24	20
1,1,2-Trichloroethane	25.0	27.0	27.2	108	109	78.0-120			0.753	20
Trichloroethene	25.0	28.7	28.2	115	113	78.0-120			1.63	20
Trichlorofluoromethane	25.0	23.3	23.4	93.4	93.7	56.0-137			0.349	20
1,2,4-Trimethylbenzene	25.0	25.7	25.0	103	100	75.0-120			2.77	20
1,3,5-Trimethylbenzene	25.0	25.6	25.8	102	103	75.0-120			0.657	20
Vinyl chloride	25.0	25.3	24.5	101	98.0	64.0-133			3.20	20
o-Xylene	25.0	27.9	28.5	112	114	78.0-120			2.24	20
m&p-Xylenes	50.0	56.6	57.0	113	114	77.0-120			0.712	20
<i>(S) Toluene-d8</i>				105	104	80.0-120				
<i>(S) Dibromofluoromethane</i>				88.6	89.2	76.0-123				
<i>(S) a,a,a-Trifluorotoluene</i>				100	98.7	80.0-120				
<i>(S) 4-Bromofluorobenzene</i>				95.7	94.1	80.0-120				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J0	J0: Calibration verification outside of acceptance limits. Result is estimated.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana ¹	LA180010	Texas	T 104704245-17-14
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

1
Cp

2
Tc

3
Ss

4
Cn

5
Sr

6
Qc

7
Gl

8
Al

9
Sc

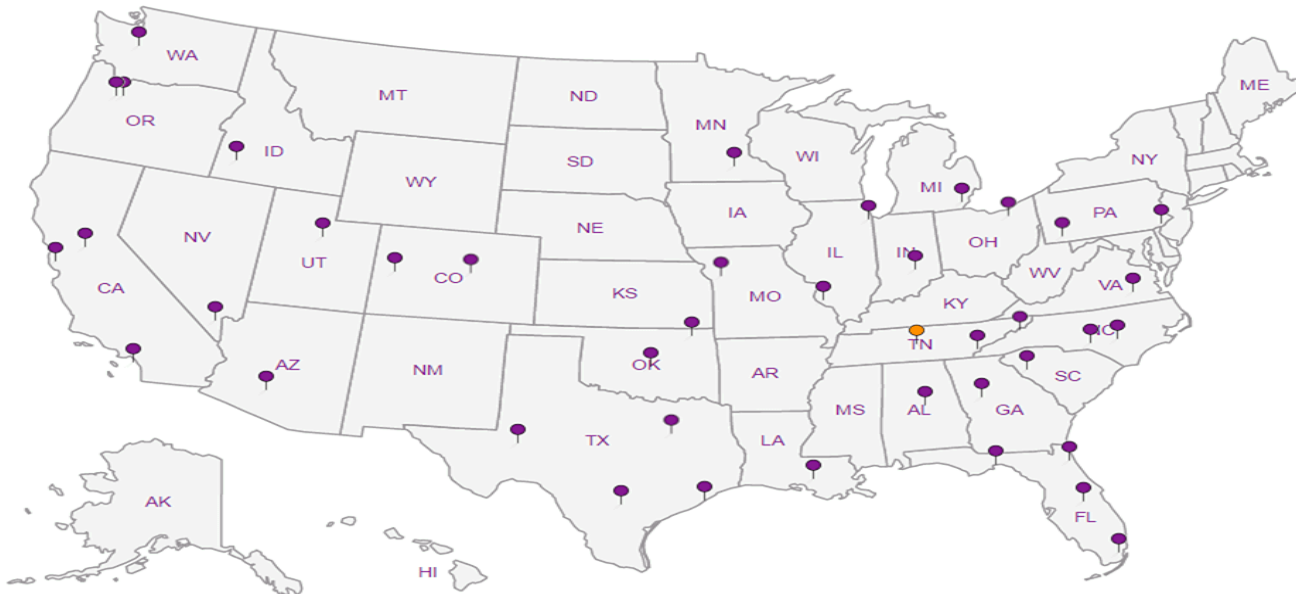
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



LaBella Associates, P.C.
 300 State Street, Suite 201
 Rochester, NY 14614

Billing Information:
Attn: Accounts Payable
 300 State St., Ste. 201
 Rochester, NY 14614

Analysis / Container / Preservative									

Chain of Custody Page 1 of 2



L.A.B. S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



Report to: *Alex Brett and Mike Pelychatsky*

Email To: *ABrett@LaBellaPC.com*
M.Pelychatsky@LaBellaPC.com

Project: *3955 WEST HENRIETTA RD.*
 Description: *FORMER HOLTS P.A.M.*

City/State Collected: *HENRIETTA, NY*

Phone: **585-454-6110**
 Fax:

Client Project #
2160295

Lab Project #

Collected by (print):
Alex Brett

Site/Facility ID #
C828181

P.O. #

Collected by (signature):
Alex Brett

Immediately Packed on Ice: N Y

Rush? (Lab MUST Be Notified)
 Same Day Five Day
 Next Day 5 Day (Rad Only)
 Two Day 10 Day (Rad Only)
 Three Day

Quote #
 Date Results Needed

TCL VOLs via EPA Method 8360

L# *L974606*

Table **F053**

Acctnum: **LABRNY**

Template:

Prelogin:
 TSR: 364 - T. Alan Harvill

PB:

Shipped Via:

Remarks	Sample # (Lab only)
	-01
	02
	03
<i>M5/M50</i>	04
	05
	06
	07
	08
	09
	10

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs												
MW-8	G	GW	-	2/26/18	1500	2	X											
MW-18	G	GW	-	2/26/18	1308	2	X											
MW-20	G	GW	-	2/26/18	1625	2	X											
MW-21	G	GW	-	2/23/18	1555	6	X											
RIMW-3	G	GW	-	2/26/18	1010	2	X											
RIMW-5	G	GW	-	2/26/18	0813	2	X											
RIMW-7	G	GW	-	2/26/18	1845	2	X											
RIMW-13	G	GW	-	2/23/18	1345	2	X											
RIMW-14	G	GW	-	2/27/18	0825	2	X											
Blind Duplicate	G	GW	-	2/23/18	-	2	X											

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:
ASP Category B report

pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 UPS FedEx _____ Courier _____

Tracking # *63 6309 3735 4227*

Sample Receipt Checklist

COC Seal Present/Intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
COC Signed/Accurate:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Bottles arrive intact:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Correct bottles used:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Sufficient volume sent:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
If Applicable	
VOA Zero Headpace:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
Preservation Correct/Checked:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N

Relinquished by: (Signature)
Alex Brett

Date: *3-2-18*

Time: *1645*

Received by: (Signature)
 Trip Blank Received: *1* Yes/No
 HCl / MeOH
 TBR

Received by: (Signature)

Temp: *33* °F
50 °F
23

If preservation required by Login: Date/Time





Received for lab by: (Signature)
JM

Date: *3/3/18*

Time: *0900*

Hold:

Condition:
 NCF / OK

LaBella Associates, P.C. 300 State Street, Suite 201 Rochester, NY 14614		Billing Information: Attn: Accounts Payable 300 State St., Ste. 201 Rochester, NY 14614		Pres Chk		Analysis / Container / Preservative										Chain of Custody Page <u>1</u> of <u>2</u>					
Report to: <u>ALEX BRETT</u>		Email To: <u>A.Brett@LaBella-PC.com</u> <u>ABrett@LaBella-PC.com</u>		Project: <u>3955 West Henrietta Rd</u> Description: <u>Farmer Holtz P.A.M.</u>		City/State Collected: <u>Henrietta, NY</u>		TCE VOCs via EPA Method 7860										 L.A.B. S.C.I.E.N.C.E.S. YOUR LAB OF CHOICE 12065 Lebanon Rd Mount Juliet, TN 37122 Phone: 615-758-5858 Phone: 800-767-5859 Fax: 615-758-5859 			
Phone: 585-454-6110 Fax:		Client Project # <u>2160295</u>		Lab Project #		P.O. #												L# <u>L974606</u>			
Collected by (print): <u>Alex Brett</u>		Site/Facility ID # <u>C828181</u>		Quote #		Date Results Needed												Table #			
Collected by (signature): 		Rush? (Lab MUST Be Notified) <input type="checkbox"/> Same Day <input type="checkbox"/> Five Day <input type="checkbox"/> Next Day <input type="checkbox"/> 5 Day (Rad Only) <input type="checkbox"/> Two Day <input type="checkbox"/> 10 Day (Rad Only) <input type="checkbox"/> Three Day		No. of Cntrs												Acctnum: LABRNY Terr.plate:					
Immediately Packed on Ice: N <input type="checkbox"/> Y <input checked="" type="checkbox"/>																		Prelogin: TSR: 364 - T. Alan Harvill PB:			
Sample ID		Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs											Shipped Via:			
<u>TRIP BLANK</u>		-	-	-	<u>2/23/12</u>	<u>0800</u>	<u>1</u>											Remarks			
																		Sample # (lab only)			
																		- 11			
* Matrix: SS - Soil AIR - Air F - Filter GW - Groundwater B - Bioassay WW - WasteWater DW - Drinking Water OT - Other		Remarks: <u>ASP Category B report</u>		Samples returned via: <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Courier		Tracking #												Sample Receipt Checklist COC Seal Present/Intact: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u> COC Signed/Accurate: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u> Bottles arrive intact: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u> Correct bottles used: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u> Sufficient volume sent: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u> If Applicable VOA Zero Headpace: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u> Preservation Correct/Checked: <input checked="" type="checkbox"/> <u>Y</u> <input type="checkbox"/> <u>N</u>			
Relinquished by: (Signature) 		Date: <u>3-2-12</u>	Time: <u>1645</u>	Received by: (Signature)		Trip Blank Received: Yes / No <input type="checkbox"/> HCL / MeOH <input type="checkbox"/> TBR												If preservation required by Login: Date/Time			
Relinquished by: (Signature)		Date:	Time:	Received by: (Signature)		Temp: <u>3.3</u> °C <u>50</u>		Bottles Received: <u>23</u>												Hold:	
Relinquished by: (Signature)		Date:	Time:	Received for lab by: (Signature)		Date:		Time:												Condition: NCF / <u>OK</u>	



APPENDIX C

Site Inspection Form



300 State Street
 Rochester, New York 14614
 Phone: (585) 454-6110
 Fax: (585) 454-3066

SITE-WIDE INSPECTION FORM

Project Name: NYSDEC BCP Site No. C828181

Location: 3955 West Henrietta Road, Rochester, New York

Project No.: 2160295

Inspected By: A. Brett

Date of Inspection: February 26, 2018

Weather Conditions: Cloudy, high 30's to low 40's (°F)

INSPECTION FINDINGS

GENERAL SITE CONDITIONS	CURRENT USE OF SITE (COMMERCIAL/ RESIDENTIAL/ETC.)	SITE RECORDS UP TO DATE (YES/NO)	COVER SYSTEM PRESENT AND INTACT (YES/NO)	COMMENTS AND/OR ACTIONS TAKEN
Similar to site inspection in 2017. Site used for auto sales and service	Commercial - Garber car dealership and automotive service center.	YES	YES	NONE



APPENDIX D

Institutional Controls/Engineering Controls 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.	C828181	
Site Name Holtz Porsche, Audi, Mazda (PAM)		
Site Address: 3955 West Henrietta Road Zip Code: 14623		
City/Town: Henrietta		
County: Monroe		
Site Acreage: 3.9		
Reporting Period: January 15, 2017 to January 15, 2018		
		YES NO
1. Is the information above correct?		<input checked="" type="checkbox"/> <input type="checkbox"/>
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?		<input type="checkbox"/> <input checked="" type="checkbox"/>
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		<input type="checkbox"/> <input checked="" type="checkbox"/>
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		<input type="checkbox"/> <input checked="" type="checkbox"/>
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?		<input type="checkbox"/> <input checked="" type="checkbox"/>
		Box 2
		YES NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial		<input checked="" type="checkbox"/> <input type="checkbox"/>
7. Are all ICs/ECs in place and functioning as designed?		<input checked="" type="checkbox"/> <input type="checkbox"/>
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

Box 2A

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid? YES NO

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?

(The Qualitative Exposure Assessment must be certified every five years)

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

Box 3

SITE NO. C828181

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
161.19-1-5.1	Garber Automotive Group	Ground Water Use Restriction Soil Management Plan Landuse Restriction Building Use Restriction Monitoring Plan Site Management Plan IC/EC Plan Soil Management Plan Monitoring Plan Site Management Plan

Box 4

Description of Engineering Controls

<u>Parcel</u>	<u>Engineering Control</u>
161.19-1-5.1	Cover System Cover System

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 complete.

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. C828181

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 Patrick S. Hengstler at 999 S Washington St, New Milford, CT 06860
" print name print business address

am certifying as Manager/Owner (Owner or Remedial Party)

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

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

3/14/18
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

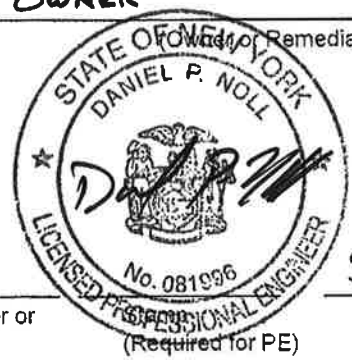
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I, DANIEL NOLL at LaBelh Associates, DAC
print name 300 State St, Rochester NY
print business address

am certifying as a Professional Engineer for the OWNER
(Owner of Remedial Party)

D P Noll

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



3/29/18
Date

(Required for PE)