American Environmental

December 9, 2016

Mr. Stephen Onochie
Indiana Department of Environmental Management
LUST Section
100 North Senate Avenue
P.O. Box 6015
Indianapolis, Indiana 46206-6015

RE: Quarterly Monitoring Report (3rd quarter 2016)
Tobacco Road Store Princeton South C-153
525 South Main Street
Princeton, Indiana
Facility I.D. Number: 7281
LUST Incident Number: 200312239
American Environmental Corporation Project Number: 244070

Dear Mr. Onochie:

On behalf of Kiel Bros. Oil Co. c/o Plews, Shadley, Racher, & Braun (PSRB), American Environmental Corporation (American Environmental) is submitting the enclosed LUST Quarterly Monitoring Report for the facility referenced above. This Quarterly Report is being submitted to fulfill guidelines established by the Indiana Department of Environmental Management (IDEM) in the document, The Underground Storage Tank Rule, 329 IAC 9.

In preparing this report, American Environmental Corporation has applied generally acceptable professional practices and standards and has exercised its professional judgment, skills and care, in a manner consistent with that of other professionals performing similar work under similar conditions. All information, conclusions and recommendations contained in the report are necessarily governed by the site conditions and the scope of our engagement. American Environmental Corporation has made recommendations where it believes additional studies or work is advisable and would bear upon the recommendations and conclusions herein. This warranty is in lieu of all other warranties, express or implied. American Environmental Corporation is not responsible for the independent conclusions, opinions or recommendations made by others, based upon the field exploration and laboratory data presented in this report.

If you have any questions or comments, please do not hesitate to contact us.

Sincerely,
AMERICAN ENVIRONMENTAL CORPORATION

Michael A. Hightchew, EIT
Senior Project Engineer

Timothy J. Quinn, LPG
Regional Manager

9127 Galene Drive, Suite D, Louisville, KY 40299 (502) 491-0144 FAX (502) 491-9271

LUST QUARTERLY MONITORING

State Form XXXXX(XX-05)
329 IAC 9-5-7
Indiana Department of Environmental Management
Office of Land Quality
Leaking Underground Storage Tank Section

67-18
Indiana Department of Environmental Management
Leaking Underground Storage Tank Section
100 N. Senate Ave., Room 1101
Indianapolis, IN 46204-2251

INSTRUCTIONS:

1. This template is intended assist with the organization of the LUST Quarterly Corrective Action Progress Report (CAPR).

2. Depending on the nature of the project, some of the following sections or appendices may not be applicable. If this is the case do not leave the section blank, or omit or reorder the appendices. Instead enter "Not Applicable" or other explanation to indicate that the section does not apply or that information is not available, and why.

3. Ensure that text boxes are re-sized (as needed) in order to have all entered text visible.

4. Extra rows can be added to data entry tables (as needed) by copying the previous row and pasting it into the blank row beneath. Note, do not use the <Insert Row> function as it does not always maintain the original formatting of the table.

For Reporting Period Beginning **July 1, 2016** and Ending **September 30, 2016**

Facility Name:	Tobacco Road C-153
IDEM Project Manager:	Stephen Onochie

Facility ID:	7281
Incident #:	200312239

Guidance	
☐	1994 UST Branch Guidance Manual
☑	RISC Default
☐	RISC Non-default

Reporting Type	
☐	Approved CAP
☑	Per IDEM Project Manager Request

Facility and Responsible Party Information		Consultant Information	
Site Name:	Tobacco Road C-153	Company Name:	American Environmental Corporation
Site Address:	525 South Main Street	Project Manager:	Michael A. Hightchew
City, State, Zip Code:	Princeton, IN 47670	Office Address:	9127 Galene Drive
County:	Gibson	Suite Number:	Suite D
Responsible Party:	Kiel Brothers Oil Co. c/o Plews Shadley Racher & Braun	City, State, Zip Code:	Louisville, KY 40299
Contact Person:	Mr. Chris Braun	Phone Number:	502-491-0144
Phone Number:	317-637-0700	Fax Number:	502-491-9271

Contaminants (check all that apply)			
☑	Gasoline	☐	Kerosene
☑	MTBE	☐	Virgin Hydrocarbon Oil
☑	Diesel	☐	Jet Fuel
☐	Waste Oil	☐	Hazardous

Corrective Action (check all that apply)			
☐	Pump and Treat	☐	Plume Stability
☐	Vapor Extraction	☐	MNA
☐	Air Sparging	☐	Excavation
☐	MPE / DPE	☐	Other

Affected Media (check all that apply)			
☑	Soil	☑	Groundwater

Signature

Please note, per 329 IAC 9-5-7, this document must be signed by one of the following professionals registered in the State of Indiana: 1) Professional Engineer, 2) Licensed Professional Geologist, 3) Certified Hazardous Materials Manager, or 4) Professional Soil Scientist.

Timothy J. Quinn

12/9/2016 (signature and date)

Timothy J. Quinn, LPG #1593 (printed name with Indiana professional registration indicated)

2.0 Summary of Quarterly Remediation Activities

2.1 Summary of Engineered Remediation System Operation *(if applicable)*
Indicate the type of system, dates of operation, and state if (and how long) the system was inoperable during the reporting period. Any laboratory analytical data generated during this reporting period related to the operation of the remediation system (i.e., influent/effluent sampling, emissions data) should be included in **APPENDIX A**.
Not Applicable

2.2 Groundwater Recovered *(if applicable)*		Groundwater Treated *(if applicable)*	
Ground Water Recovered During Reporting Period (gallons)	0	Ground Water Treated During Reporting Period (gallons)	Not Applicable
Cumulative Total of Groundwater Recovered over Lifetime of System Operation (gallons)	85	Cumulative Total of Ground Water Treated over Lifetime of System Operation (gallons)	Not Applicable
Final Disposition (i.e., disposal or discharge)	Clean Water	Final Disposition (i.e., disposal or discharge)	Not Applicable

2.3 Free Product Recovered *(if applicable)*		2.4 Pounds VOCs Removed *(if applicable)*	
Free Product Recovered During Reporting Period (gallons)	Not Applicable	VOCs removed (pounds) During Reporting Period	Not Applicable
Cumulative Total of Free Product Recovered over Lifetime of System Operation (gallons)	Not Applicable	Cumulative Total of VOCs Removed over Lifetime of System Operation (pounds)	Not Applicable
Final Disposition	Not Applicable	Indicate whether VOC emissions were treated or discharged directly into the atmosphere	Not Applicable

2.5 ORC Application *(if applicable)*			
*All injection point locations should be included on **FIGURE 4***			
Number of Injection Points or Excavation Dimensions	Not Applicable	Total Pounds ORC Applied This Reporting Period	Not Applicable
Pounds of ORC per Injection Point or per Excavation	Not Applicable	Cumulative Total of ORC Applied over Lifetime of Remediation Activity (pounds)	Not Applicable

2.6 Soil Removal *(if applicable)*			
Excavation boundaries should be included on **FIGURE 4**. A table summarizing confirmatory soil sampling should be included (along with supporting laboratory data and chain-of-custody documentation and disposal receipts) in **APPENDIX A**. Please Note: For the purposes of ELTF Reimbursement the conversion factor for cu yds to tons is 1 cu yd = 1.36 tons			
Soil in Tons/Cubic Yards Removed During this Reporting Period	Not Applicable	Date Removed	Not Applicable
Cumulative Amount of Soil Removed to Date at this Facility as Part of Corrective Actions (tons)	Not Applicable		

2.7 Monitored Natural Attenuation (MNA)/Plume Stability *(if applicable)*
Indicate the length of time that MNA or Plume Stability monitoring has been occurring at this facility. Any data supporting a decreasing contaminant trend should be discussed in this section and included in **APPENDIX A**. All calculations supporting a default or non-default RISC demonstration of Plume Stability should be discussed in this section and included in **APPENDIX A**.
Benzene decreased in MW-2 and MW-16 this quarter and increased in MW-1, MW-3 and MW-5. Toluene increased in MW-5 this quarter. Ethylbenzene increased in MW-3, MW-4, MW-5, MW-12, MW-13 and MW-16 and decreased in MW-2 this quarter. Xylenes increased in MW-1, MW-3, MW-5, MW-12, MW-13 and MW-16 and decreased in MW-2 this quarter. MTBE increased in MW-2, MW-3 and MW-9 this quarter. Naphthalene increased in MW-2, MW-3 and MW-9 this quarter. Trend charts depicting benzene and naphthalene concentrations and relative groundwater elevations over time for wells MW-1, MW-2, MW-3, MW-4, MW-5, MW-12, MW-13 and MW-16 are provided in Appendix A.

3.0 Current Site Conditions

3.1 Soil

Provide any soil data collected during the reporting period. Tables have been provided at the end of this form.

Please include the following:
TABLE 1—Soil Analytical Data
FIGURE 1—Most Recent Soil Analytical Data on site map

All soil data should be reported in parts per million (ppm). Laboratory and supporting chain-of-custody documentation should be included in **APPENDIX B**. Historical soil analytical results should be summarized and included in table format in **APPENDIX C**.

Note: MS/MSD samples are not required during corrective action monitoring activities unless otherwise directed by IDEM staff. However, prior to requesting site closure (during confirmatory soil and ground water sampling) an MS/MSD sample (for all affected media) will be required. Exceptions may be made on a site-specific basis for facilities that demonstrated soil concentrations below the applicable IDEM action levels prior to the implementation of IDEM's Minimum Data Documentation Requirements. IDEM requests that, in addition to the required hardcopy reports, all sampling results are submitted electronically to LeakingUST@idem.in.gov. Guidance on formatting sampling results for electronic submittal is posted at www.in.gov/idem/land/lust/electronicreporting.html.

A Further Site Investigation was performed on site in December 2014 and January 2015. A pilot study was conducted on March 15, 2016.

3.2 Groundwater

Provide the most recent groundwater data available for the subject site. Tables have been provided at the end of this form.

Please include the following:
TABLE 2—Groundwater Elevations
TABLE 3—Groundwater Analytical Results
FIGURE 2—Most Recent Groundwater Analytical Data on site map
FIGURE 3—Groundwater Contour Map indicating groundwater flow direction

All groundwater data should be reported in parts per billion (ppb). Laboratory and supporting chain-of-custody documentation should be included in **APPENDIX B**. Historical groundwater analytical results should be summarized and included in table format in **APPENDIX C**.

Note: MS/MSD samples are not required during corrective action monitoring activities unless otherwise directed by IDEM staff. However, prior to requesting site closure (during confirmatory soil and ground water sampling) an MS/MSD sample (for all affected media) will be required. Exceptions may be made on a site-specific basis for facilities that demonstrated groundwater concentrations below the applicable IDEM action levels prior to the implementation of IDEM's Minimum Data Documentation Requirements. IDEM also requests that, in addition to the required hardcopy reports, all sampling results are submitted electronically to LeakingUST@idem.in.gov. Guidance on formatting sampling results for electronic submittal is posted at www.in.gov/idem/land/lust/electronicreporting.html.

American Environmental collected groundwater samples from 16 monitoring wells on September 19, 2016. All samples were submitted to ESC, located in Mt. Juliet, TN, for analysis of VOCs and PAHs. The IDEM requested Polynuclear Aromatic Hydrocarbons be added to the COCs by letter dated April 10, 2014 and that lead be removed from the COCs by letter dated May 20, 2015. Due to a shipping error PAHs were not sampled this quarter. The laboratory analytical results are included in Appendix B. The most recent groundwater analytical results are summarized in Table 3 and on Figure 2. Static water level measurements were recorded to the nearest 0.01 of a foot with an electronic water level indicator and groundwater elevations were calculated. The groundwater elevations are summarized in Table 2. The groundwater contour map indicating flow direction based on the monitoring well network is shown in Figure 3. Historical groundwater elevation and laboratory analytical results are summarized in Appendix C.

The QA/QC evaluation revealed the following:
· The laboratory control samples were within laboratory acceptance limits.
· Surrogate spike recoveries were within the USEPA acceptance limits in all samples.
· No analytes were detected above the laboratory reporting limits in the trip blank.
· RPDs were calculated for analytes detected in both the MW-5 sample and the duplicate sample from MW-5.
The RPD for benzene and napthalene was calculated to be 4.33% and 5.66%, respectively. These differences are acceptable based on the methodologies employed.

4.0 Conclusions

Briefly summarize all remediation activities that occurred at this facility during the most recent reporting period. Provide an estimate of the work that will be performed during the upcoming reporting period.

American Environmental collected groundwater samples from 16 monitoring wells on March 24, 2016. All samples were submitted to ESC, located in Mt. Juliet, TN, for analysis of VOCs and PAHs.

During the most recent groundwater sampling event, benzene was detected above the Groundwater Residential Tap levels in montitoring wells MW-2, MW-5 and MW-16. Benzene's detection limit exceeded the Groundwater Residential Tap Level in MW-12. Toluene was not detected above the Groundwater Tap Levels. Ethylbenzene was detected above the Groundwater Residential Tap Levels in MW-5, MW-12 and MW-16. Xylenes were detected above the Groundwater Residential Tap Levels in MW-5. MTBE was not detected above the Groundwater Residential Tap levels. Naphthalene was detected above the Groundwater Residential Tap levels in MW-5, MW-12, MW-13 and MW-16. 1,2,4-Trimethylbenzene was detected above the Groundwater Residential Tap Level in MW-5, MW-12, MW-13 and MW-16. 1,2,3-Trimethylbenzene was detected above the Groundwater Residential Tap level in MW-5, MW-12, MW-13 and MW-16. 1,3,5-Trimethylbenzene was detected above the Groundwater Residential Tap level in MW-5, MW-12, MW-13 and MW-16

Quarterly monitoring will continue in the fourth quarter of 2016. The IDEM issued a Further Site Investigation request dated April 10, 2014. American submitted the FSI report dated February 23, 2015. The IDEM issued a CAPA request letter dated February 28, 2015. American Environmental conducted a pilot study in March 2016 and submitted a CAPA. IDEM requested a revised CAPA.

5.0 Required Table Formats

Table 2. Groundwater Elevations 9/13/2016				
Monitoring Well ID	Top of Casing Elevation (ft)	Depth to Groundwater (ft)*	Free Product Thickness (ft)	Groundwater Elevation (ft)
MW-1	100.00	12.46	0	87.54
MW-2	99.12	13.07	0	86.05
MW-3	99.61	11.38	0	88.23
MW-4	99.09	11.52	0	87.57
MW-5	99.72	13.41	0	86.31
MW-6	99.92	14.04	0	85.88
MW-7	100.89	13.25	0	87.64
MW-8	99.87	14.16	0	85.71
MW-9	99.02	13.78	0	85.24
MW-10	98.89	13.22	0	85.67
MW-11	98.85	12.68	0	86.17
MW-12	99.30	11.94	0	87.36
MW-13	100.24	12.70	0	87.54
MW-14	98.70	14.08	0	84.62
MW-15	98.93	14.27	0	84.66
MW-16	99.94	12.05	0	87.89

*Measured from top of casing

Table 3. Groundwater Analytical Results
9/13/2016

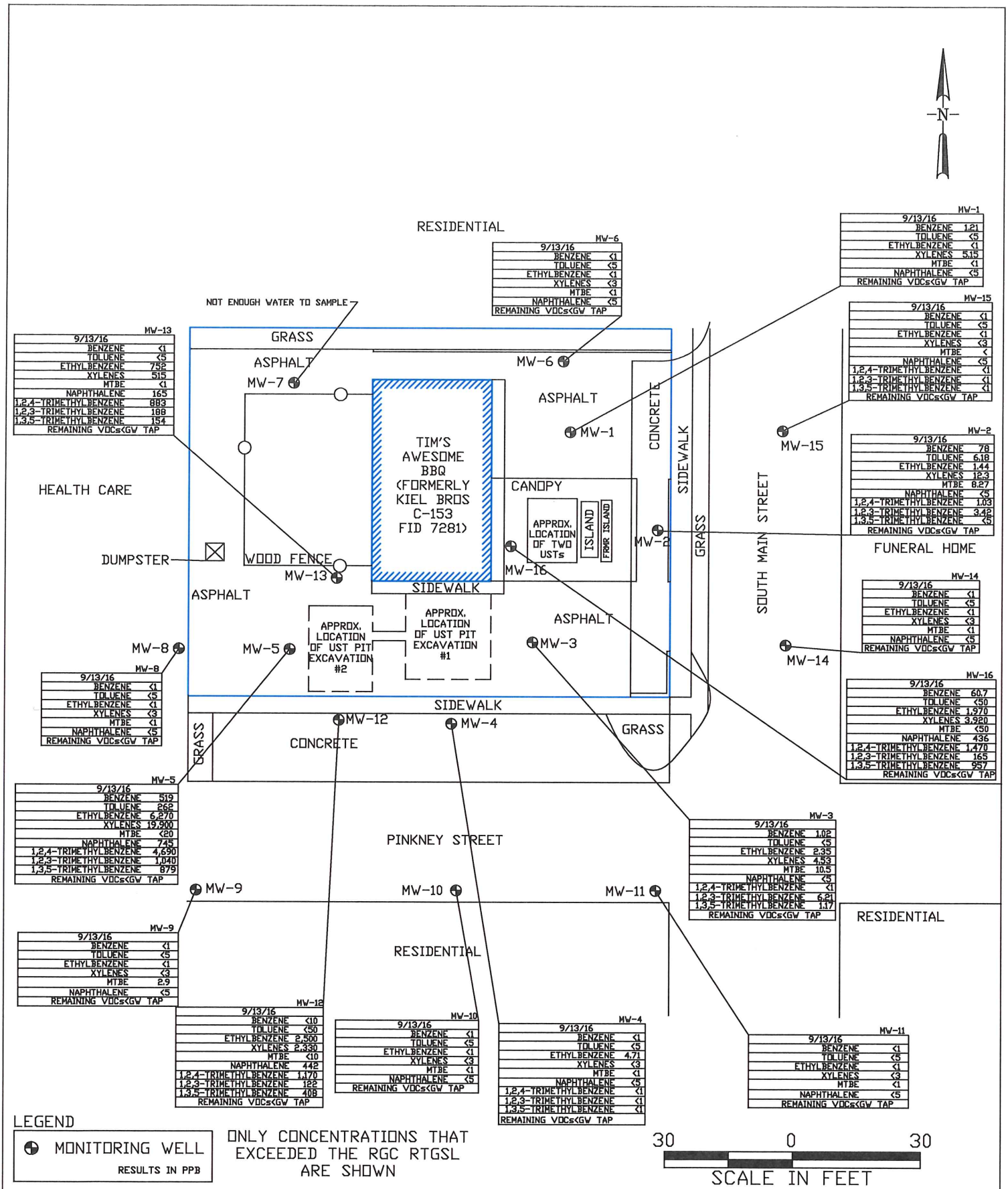
Well ID	CONTAMINANTS OF CONCERN (COC) all units in µg/l										
	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene (VOC)	n-Butylbenzene	sec-Butylbenzene	1-Methylnaphthalene	2-Methylnaphthalene	Acrylonitrile
MW-1	1.21	<5	<1	5.15	<1	**<5**	1.45	8.62	<10	<10	**<10**
MW-2	**78**	6.18	1.44	12.3	8.27	**<5**	18.7	12	<50	11.1	**95.2**
MW-3	1.02	<5	2.35	4.53	10.5	**<5**	13	15.4	<10	<10	**<10**
MW-4*	<1	<5	4.71	<3	<1	**<5**	<1	<1	<10	<10	**<10**
MW-5	**519**	262	**6,270**	**19,900**	<20	**745**	<25	<25	<200	<200	**<250**
MW-6	<1	<5	<1	<3	<1	**<5**	<1	<1	<10	<10	**<10**
MW-7	Not Enough Water to Sample										
MW-8*	<1	<5	<1	<3	<1	**<5**	<1	<1	<10	<10	**<10**
MW-9*	<1	<5	<1	<3	2.9	**<5**	<1	<1	<10	<10	**<10**
MW-10*	<1	<5	<1	<3	<1	**<5**	<1	<1	<10	<10	**<10**
MW-11*	<1	<5	<1	<3	<1	**<5**	<1	<1	<100	<100	**<10**
MW-12*	<10	<50	**2,500**	2,330	<10	**442**	19.1	22.8	100	<100	**<10**
MW-13	<1	<5	**752**	515	<1	**165**	13.2	21.4	<250	89.8	**<10**
MW-14*	<1	<5	<1	<3	<1	**<5**	<1	<1	<10	<10	**<10**
MW-15*	<1	<5	<1	<3	<1	**<5**	<1	<1	<10	<10	**<10**
MW-16	**60.7**	<50	**1,970**	3,920	<50	**436**	41.9	26.4	<500	<500	**<10**
DUP (MW-5)	**497**	256	**7,040**	**23,800**	<20	**704**	<20	<20	<200	<200	**<10**
GROUNDWATER TAP RESIDENTIAL LEVELS (PPB)	5	1,000	700	10,000	120	1.4	780	NA	12,000	NA	0.52

Well ID	CONTAMINANTS OF CONCERN (COC) all units in µg/l										
	Isopropylbenzene	p-Isopropyltoluene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene	Acenaphthylene	Naphthalene (PAH)	Acenaphthene	Fluorene	Phenanthrene
MW-1	3.93	<1	<1	<1	3.41	<1	NS	NS	NS	NS	NS
MW-2	17.4	5.01	10.2	1.03	3.42	<5	NS	NS	NS	NS	NS
MW-3	12.2	2.85	20.4	<1	6.21	1.17	NS	NS	NS	NS	NS
MW-4*	1.38	<1	2.5	<1	<1	<1	NS	NS	NS	NS	NS
MW-5	212	<20	560	**4,690**	**1,040**	**879**	NS	NS	NS	NS	NS
MW-6	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-7	Not Enough Water to Sample										
MW-8*	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-9*	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-10*	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-11*	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-12*	156	<10	374	**1,170**	**122**	**408**	NS	NS	NS	NS	NS
MW-13	125	4.78	193	**883**	**188**	**154**	NS	NS	NS	NS	NS
MW-14*	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-15*	<1	<1	<1	<1	<1	<1	NS	NS	NS	NS	NS
MW-16	156	<50	496	**1,470**	**165**	**957**	NS	NS	NS	NS	NS
DUP (MW-5)	203	<20	530	**4,210**	**998**	**838**	NS	NS	NS	NS	NS
GROUNDWATER TAP RESIDENTIAL LEVELS (PPB)	NA	NA	NA	15	10	120	NA	1.4	530	290	NA

Bold = COC concentration greater than the 2006 RISC Cleanup Objective

NS - not sampled

* = off-site well



MW-1

9/13/16	
BENZENE	1.21
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	5.15
MTBE	<1
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

MW-6

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	<1
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

MW-13

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	752
XYLENES	515
MTBE	<1
NAPHTHALENE	165
1,2,4-TRIMETHYLBENZENE	883
1,2,3-TRIMETHYLBENZENE	188
1,3,5-TRIMETHYLBENZENE	154
REMAINING VOCs<GW TAP	

MW-15

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	<
NAPHTHALENE	<5
1,2,4-TRIMETHYLBENZENE	<1
1,2,3-TRIMETHYLBENZENE	<1
1,3,5-TRIMETHYLBENZENE	<1
REMAINING VOCs<GW TAP	

MW-2

9/13/16	
BENZENE	78
TOLUENE	6.18
ETHYLBENZENE	1.44
XYLENES	12.3
MTBE	8.27
NAPHTHALENE	<5
1,2,4-TRIMETHYLBENZENE	1.03
1,2,3-TRIMETHYLBENZENE	3.42
1,3,5-TRIMETHYLBENZENE	<5
REMAINING VOCs<GW TAP	

MW-14

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	<1
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

MW-8

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	<1
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

MW-16

9/13/16	
BENZENE	60.7
TOLUENE	<50
ETHYLBENZENE	1,970
XYLENES	3,920
MTBE	<50
NAPHTHALENE	436
1,2,4-TRIMETHYLBENZENE	1,470
1,2,3-TRIMETHYLBENZENE	165
1,3,5-TRIMETHYLBENZENE	957
REMAINING VOCs<GW TAP	

MW-5

9/13/16	
BENZENE	519
TOLUENE	262
ETHYLBENZENE	6,870
XYLENES	19,900
MTBE	<20
NAPHTHALENE	745
1,2,4-TRIMETHYLBENZENE	4,690
1,2,3-TRIMETHYLBENZENE	1,040
1,3,5-TRIMETHYLBENZENE	879
REMAINING VOCs<GW TAP	

MW-3

9/13/16	
BENZENE	1.02
TOLUENE	<5
ETHYLBENZENE	2.35
XYLENES	4.53
MTBE	10.5
NAPHTHALENE	<5
1,2,4-TRIMETHYLBENZENE	<1
1,2,3-TRIMETHYLBENZENE	6.21
1,3,5-TRIMETHYLBENZENE	1.17
REMAINING VOCs<GW TAP	

MW-9

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	2.9
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

MW-12

9/13/16	
BENZENE	<10
TOLUENE	<50
ETHYLBENZENE	2,500
XYLENES	2,330
MTBE	<10
NAPHTHALENE	442
1,2,4-TRIMETHYLBENZENE	1,170
1,2,3-TRIMETHYLBENZENE	122
1,3,5-TRIMETHYLBENZENE	408
REMAINING VOCs<GW TAP	

MW-10

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	<1
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

MW-4

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	4.71
XYLENES	<3
MTBE	<1
NAPHTHALENE	<5
1,2,4-TRIMETHYLBENZENE	<1
1,2,3-TRIMETHYLBENZENE	<1
1,3,5-TRIMETHYLBENZENE	<1
REMAINING VOCs<GW TAP	

MW-11

9/13/16	
BENZENE	<1
TOLUENE	<5
ETHYLBENZENE	<1
XYLENES	<3
MTBE	<1
NAPHTHALENE	<5
REMAINING VOCs<GW TAP	

LEGEND

MONITORING WELL

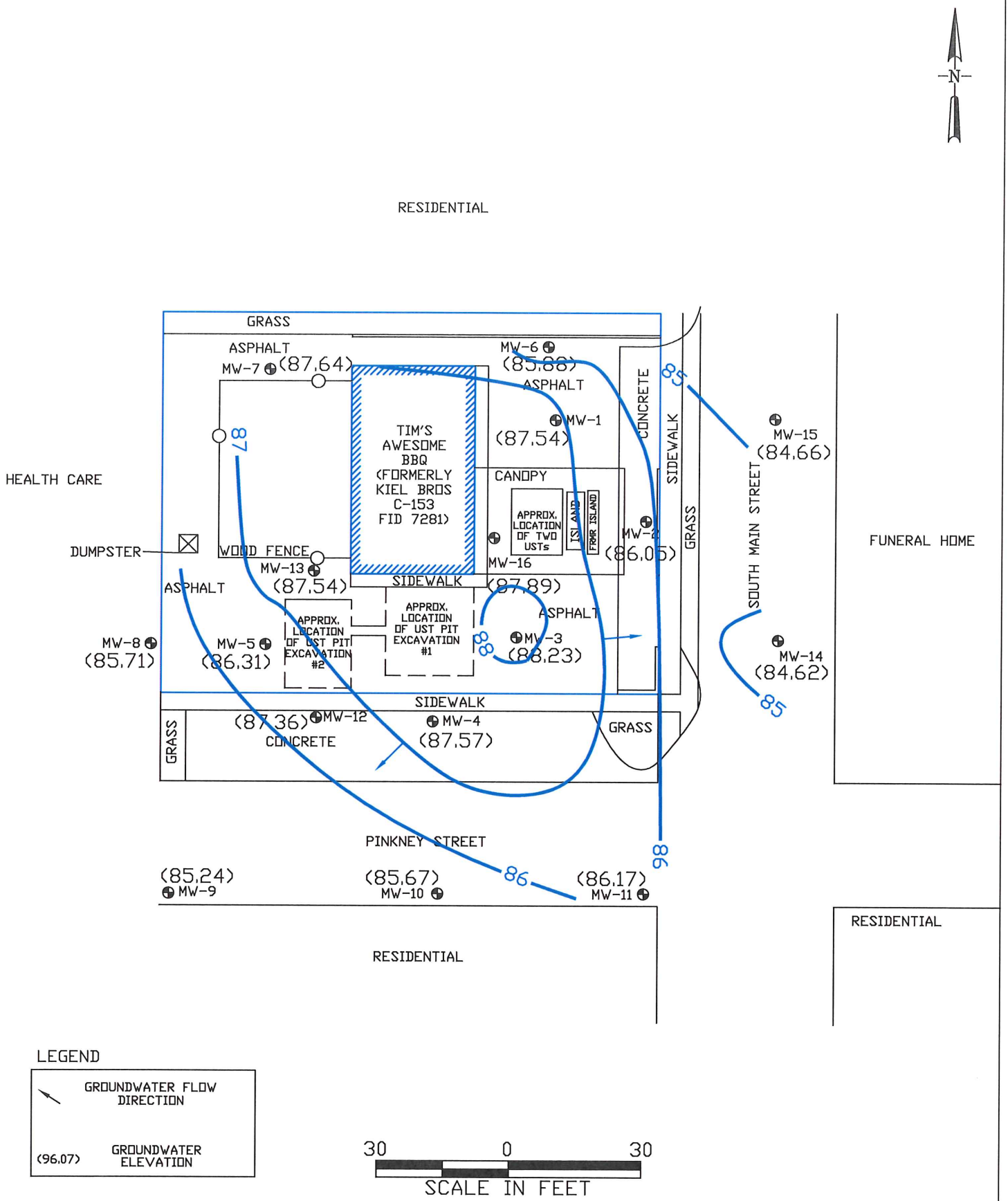
RESULTS IN PPB

ONLY CONCENTRATIONS THAT EXCEEDED THE RGC RTGSL ARE SHOWN

American Environmental
Indianapolis, Indiana–Corporate Office
(317) 871–4090
Louisville, Kentucky–Regional Office
(502) 491–0144
Springfield, Illinois–Regional Office
(217) 585–9517

GROUNDWATER VOC RESULTS 9/13/216
FORMER TOBACCO ROAD C-153
(PRINCETON SOUTH JFM)
525 SOUTH MAIN STREET
PRINCETON, INDIANA

Project No.: 244070	SCALE: AS SHOWN
Drawing File: C-153	FIGURE: 2A
Date: 11/30/16	



American Environmental
Indianapolis, Indiana–Corporate Office
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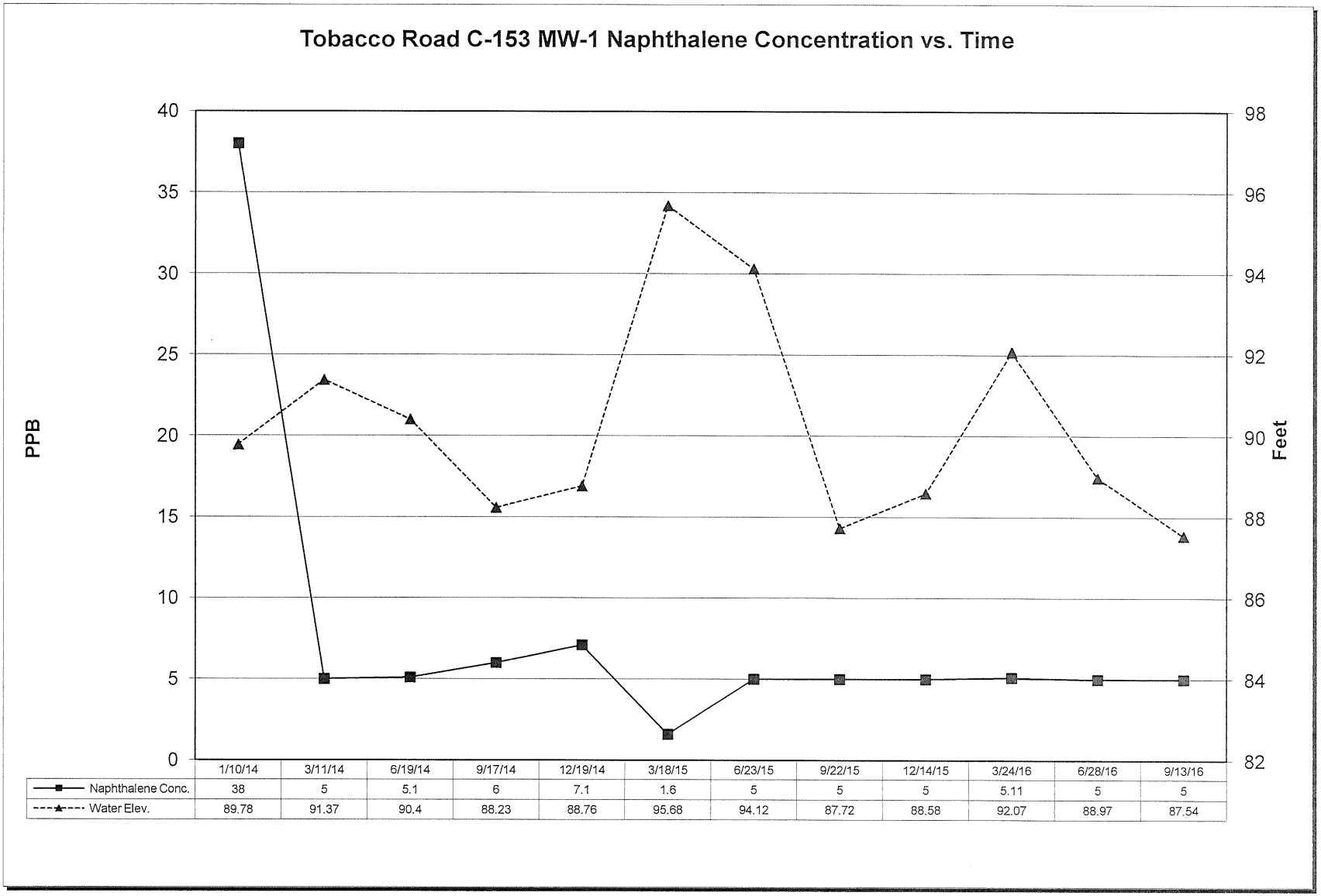
(502) 491–0144
Springfield, Illinois–Regional Office
(217) 585–9517

POTENTIOMETRIC MAP 9/13/16
FORMER TOBACCO ROAD C-153
(PRINCETON SOUTH JFM)
525 SOUTH MAIN STREET
PRINCETON, INDIANA

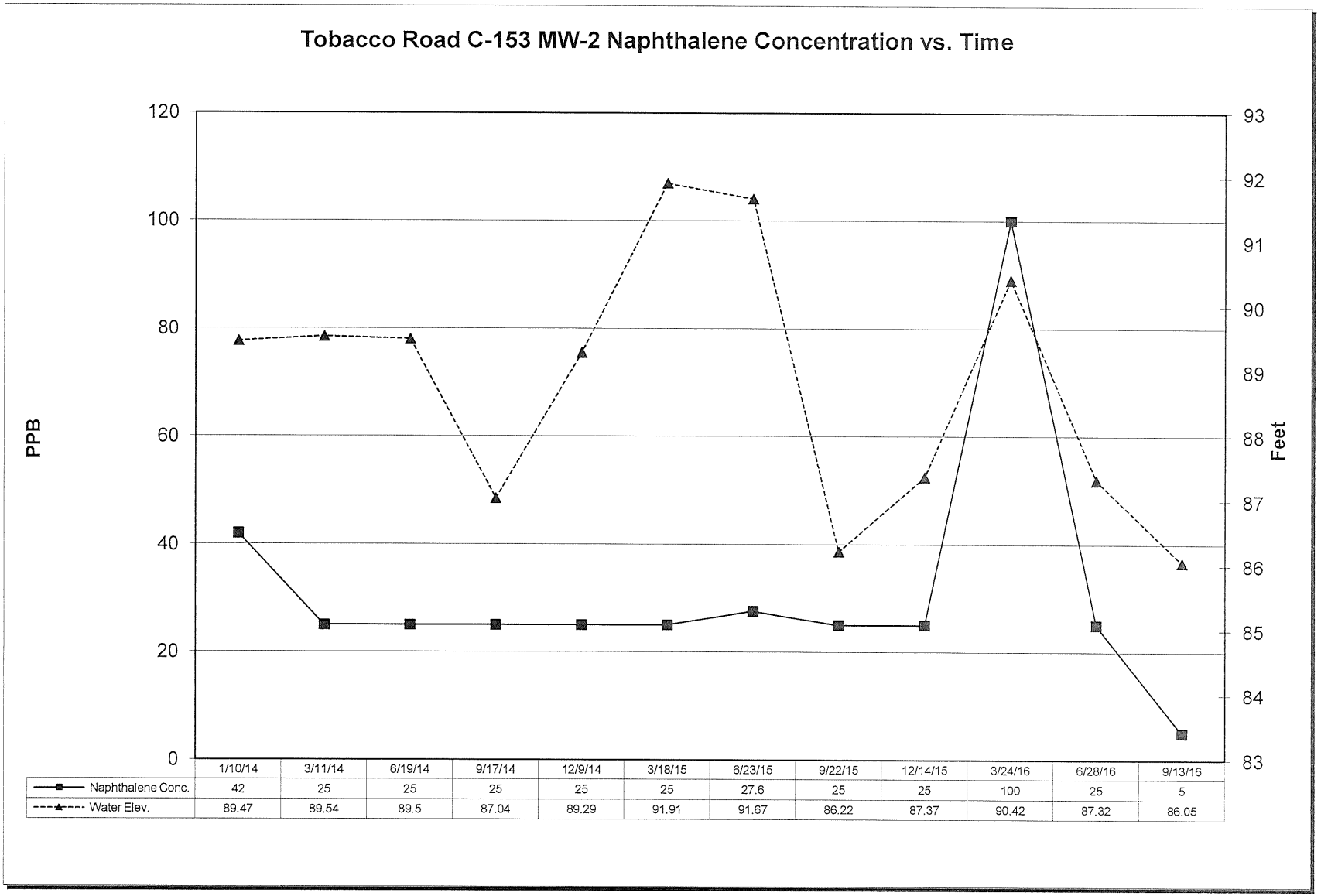
Project No.: 244070	SCALE: AS SHOWN
Drawing File: C-153	FIGURE: 3
Date: 11/30/16	

APPENDIX A

Remediation System Data (Not Applicable)
Influent/Effluent Laboratory Analytical Results (Not Applicable)
Air Laboratory Analytical Results (Not Applicable)
Air Calculation Spreadsheet (Not Applicable)
Monitored Natural Attenuation/Plume Stability (Not Applicable)
Trend Charts



	1/10/14	3/11/14	6/19/14	9/17/14	12/19/14	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Naphthalene Conc.	38	5	5.1	6	7.1	1.6	5	5	5	5.11	5	5
Water Elev.	89.78	91.37	90.4	88.23	88.76	95.68	94.12	87.72	88.58	92.07	88.97	87.54



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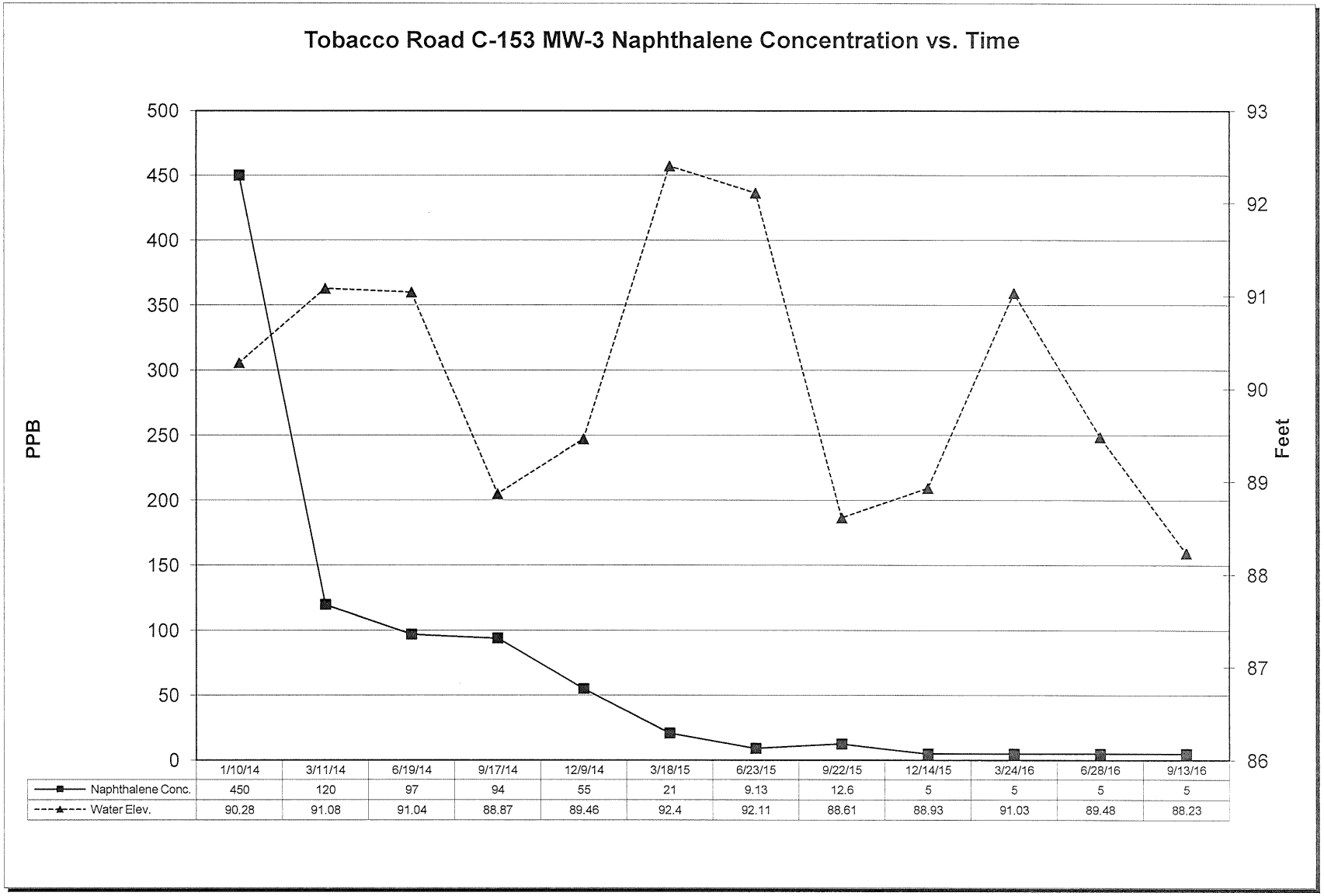
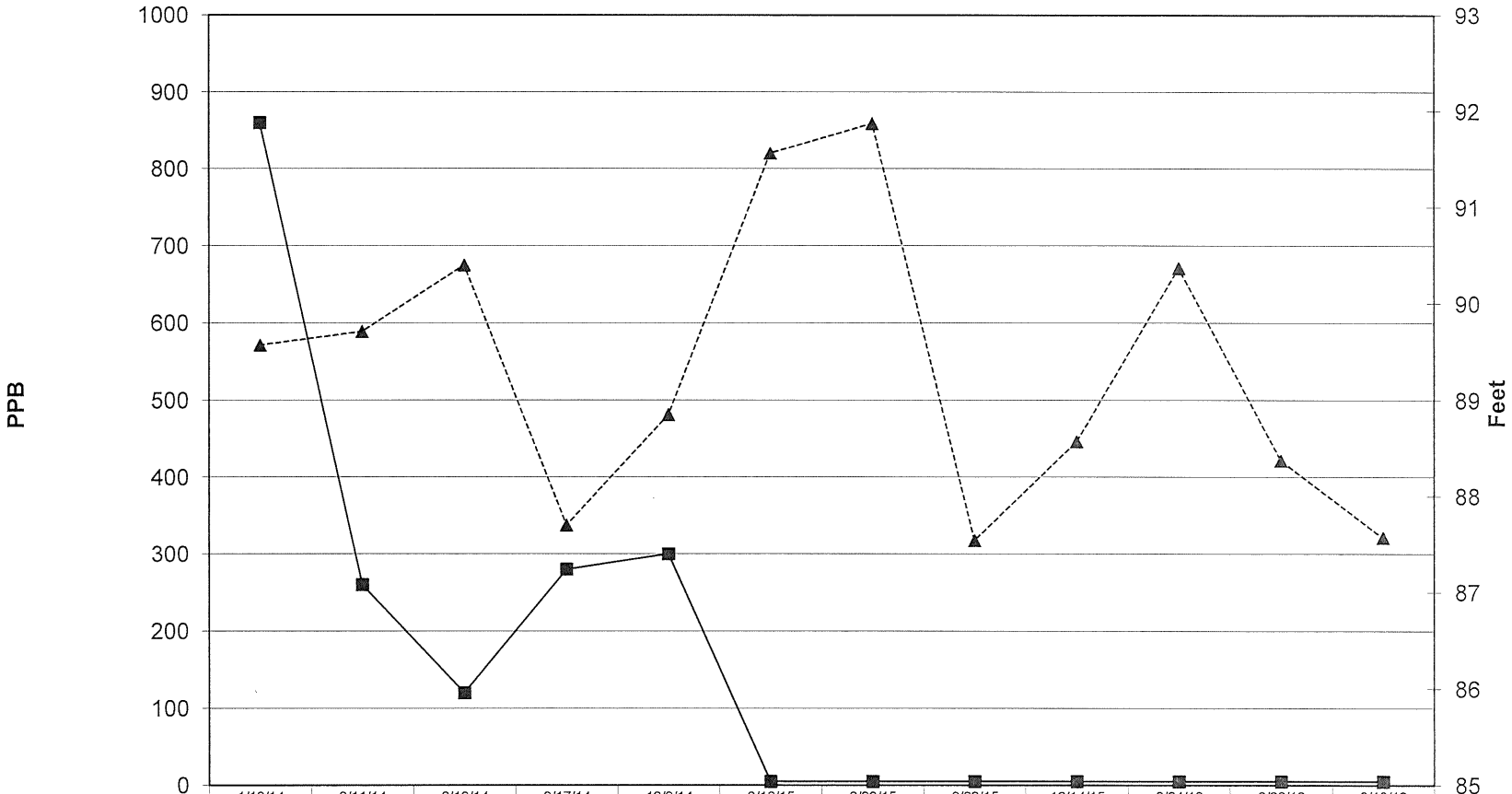
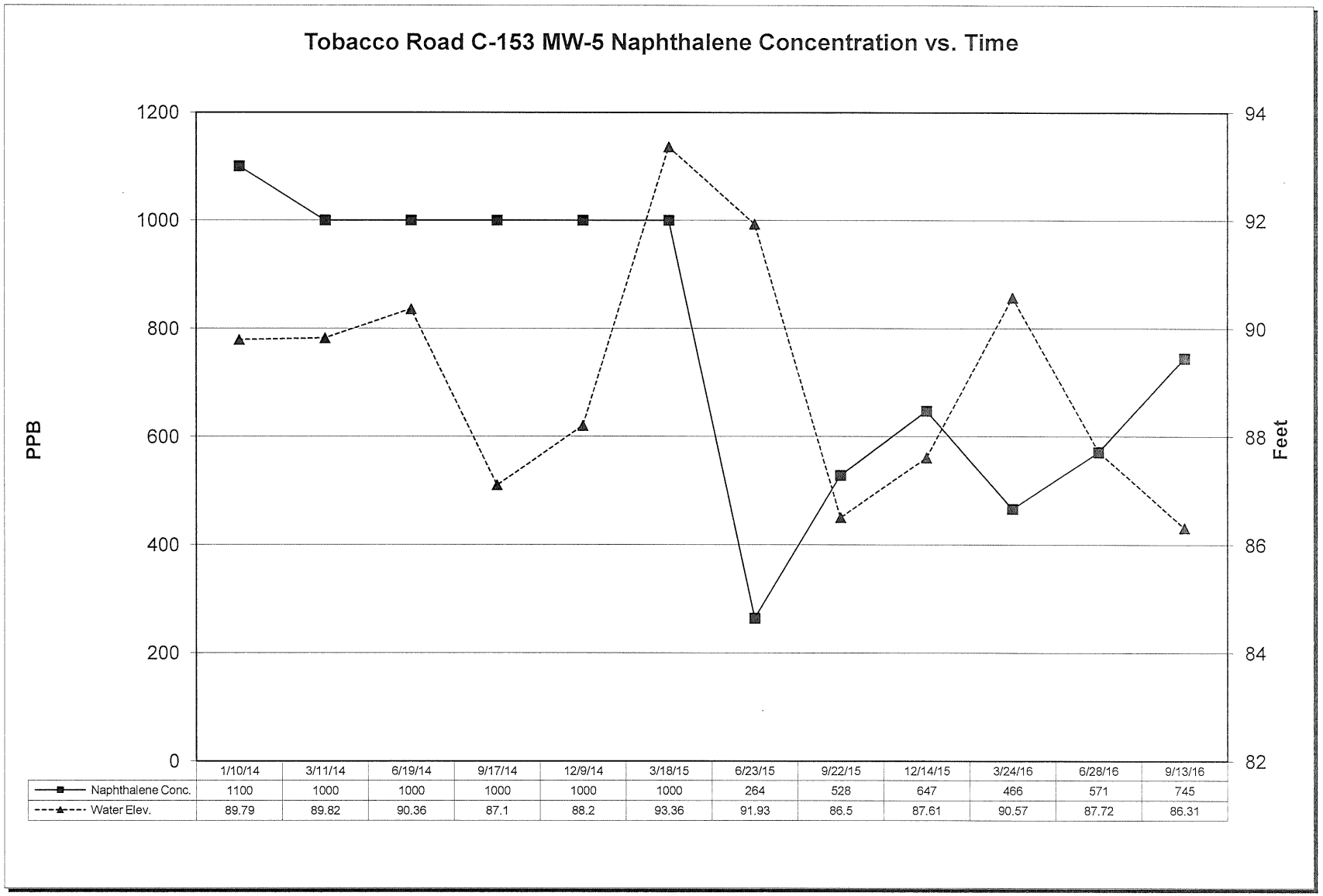
Naphthalene Conc.	42	25	25	25	25	25	27.6	25	25	100	25	5
Water Elev.	89.47	89.54	89.5	87.04	89.29	91.91	91.67	86.22	87.37	90.42	87.32	86.05



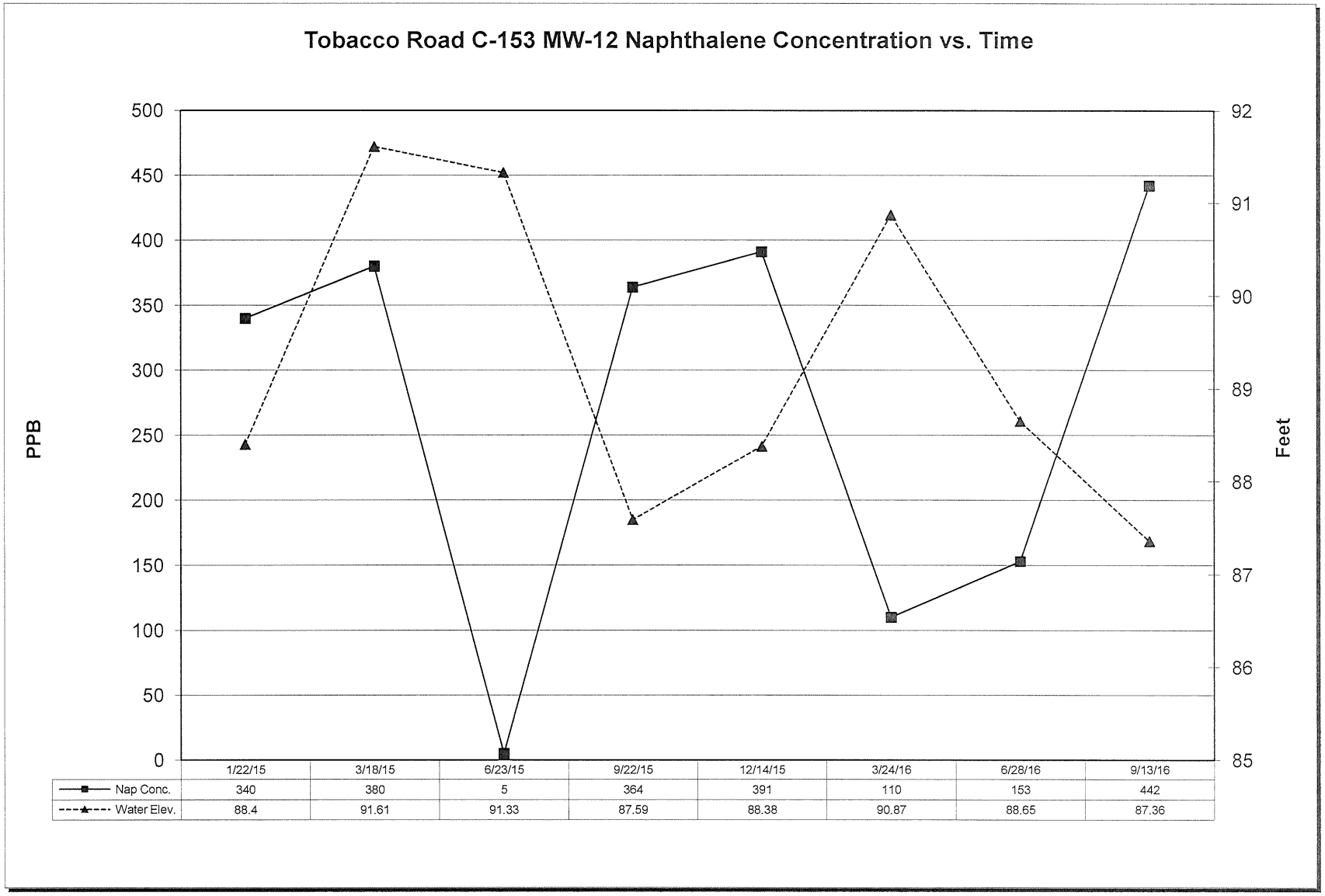
	1/10/14	3/11/14	6/19/14	9/17/14	12/9/14	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Naphthalene Conc.	450	120	97	94	55	21	9.13	12.6	5	5	5	5
Water Elev.	90.28	91.08	91.04	88.87	89.46	92.4	92.11	88.61	88.93	91.03	89.48	88.23



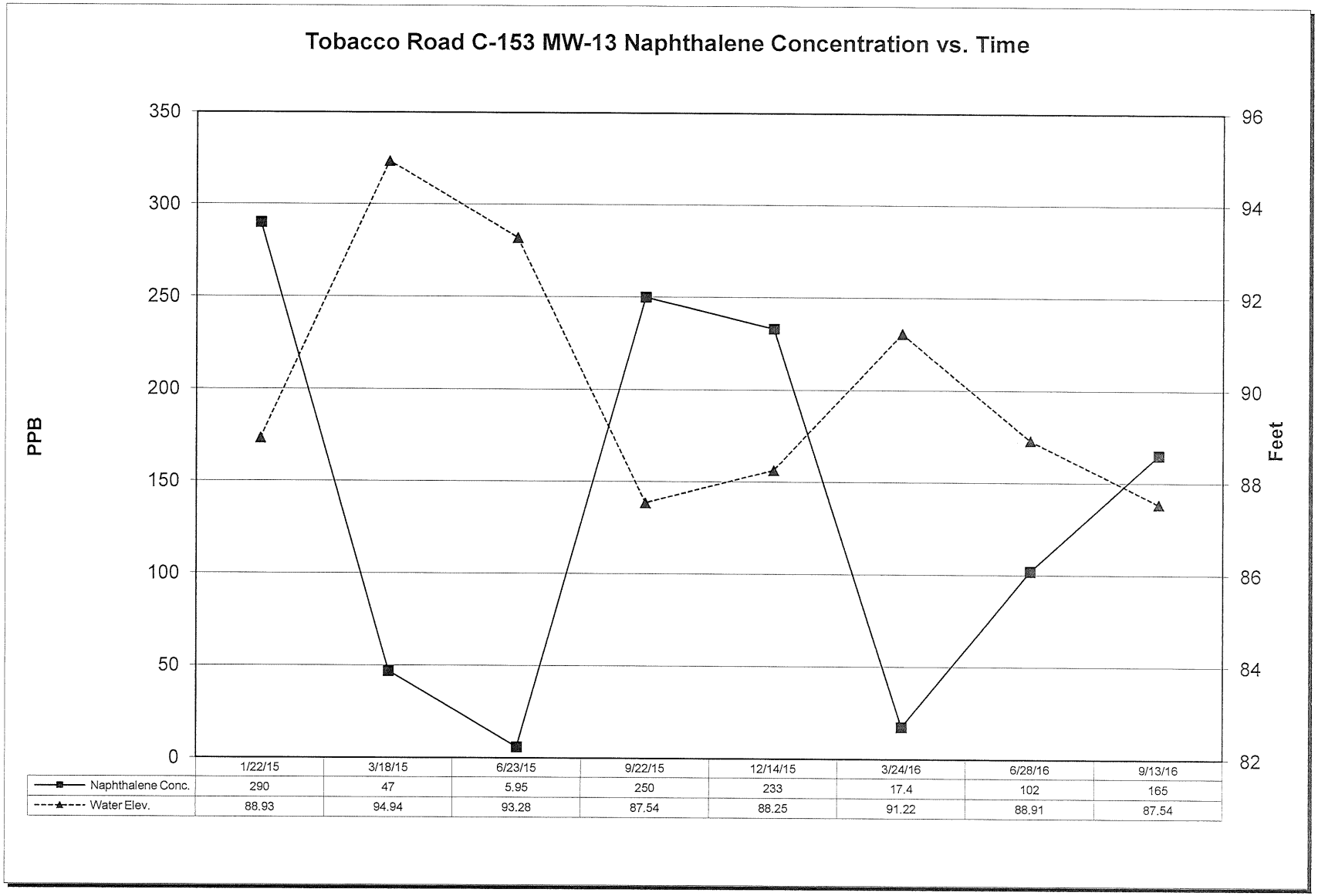
	1/10/14	3/11/14	6/19/14	9/17/14	12/9/14	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Naphthalene Conc.	860	260	120	280	300	5	5	5	5	5	5	5
Water Elev.	89.57	89.71	90.4	87.7	88.85	91.56	91.87	87.54	88.57	90.37	88.37	87.57



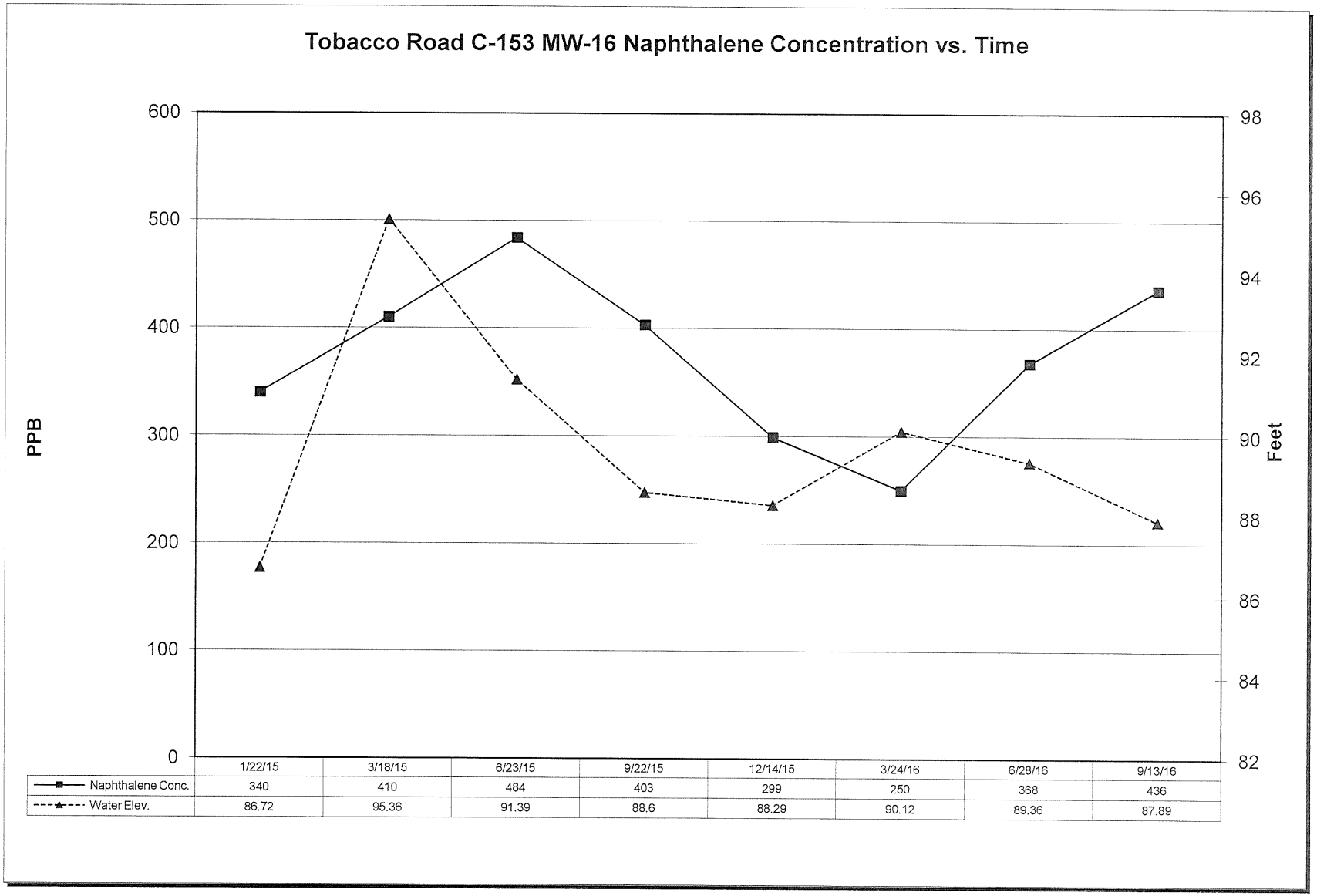
	1/10/14	3/11/14	6/19/14	9/17/14	12/9/14	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Naphthalene Conc.	1100	1000	1000	1000	1000	1000	264	528	647	466	571	745
Water Elev.	89.79	89.82	90.36	87.1	88.2	93.36	91.93	86.5	87.61	90.57	87.72	86.31



	1/22/15	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Nap Conc.	340	380	5	364	391	110	153	442
Water Elev.	88.4	91.61	91.33	87.59	88.38	90.87	88.65	87.36



	1/22/15	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Naphthalene Conc.	290	47	5.95	250	233	17.4	102	165
Water Elev.	88.93	94.94	93.28	87.54	88.25	91.22	88.91	87.54



	1/22/15	3/18/15	6/23/15	9/22/15	12/14/15	3/24/16	6/28/16	9/13/16
Naphthalene Conc.	340	410	484	403	299	250	368	436
Water Elev.	86.72	95.36	91.39	88.6	88.29	90.12	89.36	87.89

APPENDIX B

Groundwater Analytical Results

ANALYTICAL REPORT

September 26, 2016

American Environmental - IN

Sample Delivery Group:	L859389
Samples Received:	09/14/2016
Project Number:	244070
Description:	Kiel Bros C153 - Princeton, IN
Site:	KBO / C-153
Report To:	Mike Hightchew 9127 Galene Drive, Suite D Louisville, KY 40299

Entire Report Reviewed By:

Jeff Carr
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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MW-1 L859389-01 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 09:00 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 17:57	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908693	1	09/19/16 11:58	09/19/16 11:58	ACG

MW-2 L859389-02 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 09:10 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:00	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908693	1	09/19/16 12:20	09/19/16 12:20	ACG

MW-3 L859389-03 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 09:20 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:02	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908693	1	09/19/16 12:42	09/19/16 12:42	ACG

MW-4 L859389-04 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 09:30 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:05	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908693	1	09/19/16 13:04	09/19/16 13:04	ACG

MW-5 L859389-05 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 09:40 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:08	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	100	09/25/16 16:34	09/25/16 16:34	JHH
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	25	09/21/16 03:04	09/21/16 03:04	LRL

MW-6 L859389-06 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 09:50 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:11	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908693	1	09/19/16 13:25	09/19/16 13:25	ACG

MW-8 L859389-07 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 10:10 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:14	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908701	1	09/19/16 02:14	09/19/16 02:14	ACG

MW-9 L859389-08 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 10:20 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:16	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908693	1	09/19/16 13:47	09/19/16 13:47	ACG

MW-10 L859389-09 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 10:30 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:19	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	1	09/20/16 18:25	09/20/16 18:25	LRL

MW-11 L859389-10 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 10:40 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:22	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	1	09/20/16 19:58	09/20/16 19:58	LRL

MW-12 L859389-11 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 10:50 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:30	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	10	09/21/16 03:28	09/21/16 03:28	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	100	09/25/16 16:47	09/25/16 16:47	JHH

MW-13 L859389-12 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 11:00 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:33	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	1	09/20/16 20:22	09/20/16 20:22	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	25	09/25/16 16:59	09/25/16 16:59	JHH

MW-14 L859389-13 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 11:10 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:35	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	1	09/20/16 23:31	09/20/16 23:31	LRL

MW-15 L859389-14 GW

Collected by: Mike Hightchew | Collected date/time: 09/13/16 11:20 | Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	1	09/20/16 23:55	09/20/16 23:55	LRL

MW-16 L859389-15 GW

Collected by: Mike Hightchew
Collected date/time: 09/13/16 11:30
Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:38	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	10	09/21/16 03:52	09/21/16 03:52	LRL
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	100	09/25/16 17:11	09/25/16 17:11	JHH

DUPLICATE L859389-16 GW

Collected by: Mike Hightchew
Collected date/time: 09/13/16 00:00
Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Metals (ICP) by Method 6010B	WG908244	1	09/16/16 11:59	09/19/16 18:41	ST
Volatile Organic Compounds (GC/MS) by Method 8260B	WG908700	50	09/21/16 04:16	09/21/16 04:16	LRL

TRIP BLANK L859389-17 GW

Collected by: Mike Hightchew
Collected date/time: 09/13/16 00:00
Received date/time: 09/14/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8021	WG908738	1	09/20/16 13:23	09/20/16 13:23	LRL

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

All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. 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.

Jeff Carr
Technical Service Representative

Sample Handling and Receiving

The analysis for 2-Chloroethyl Vinyl Ether was conducted from a chemically preserved container.

ESC Sample ID	Project Sample ID	Method
L859389-01	MW-1	8260B
L859389-02	MW-2	8260B
L859389-03	MW-3	8260B
L859389-04	MW-4	8260B
L859389-06	MW-6	8260B
L859389-07	MW-8	8260B
L859389-08	MW-9	8260B

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	26.1		5.00	1	09/19/2016 17:57	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 11:58	WG908693
Acrolein	ND	J4	50.0	1	09/19/2016 11:58	WG908693
Acrylonitrile	ND		10.0	1	09/19/2016 11:58	WG908693
Benzene	1.21		1.00	1	09/19/2016 11:58	WG908693
Bromobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Bromodichloromethane	ND		1.00	1	09/19/2016 11:58	WG908693
Bromoform	ND		1.00	1	09/19/2016 11:58	WG908693
Bromomethane	ND		5.00	1	09/19/2016 11:58	WG908693
n-Butylbenzene	1.45		1.00	1	09/19/2016 11:58	WG908693
sec-Butylbenzene	8.62		1.00	1	09/19/2016 11:58	WG908693
tert-Butylbenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Carbon tetrachloride	ND		1.00	1	09/19/2016 11:58	WG908693
Chlorobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Chlorodibromomethane	ND		1.00	1	09/19/2016 11:58	WG908693
Chloroethane	ND		5.00	1	09/19/2016 11:58	WG908693
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 11:58	WG908693
Chloroform	ND		5.00	1	09/19/2016 11:58	WG908693
Chloromethane	ND		2.50	1	09/19/2016 11:58	WG908693
2-Chlorotoluene	ND		1.00	1	09/19/2016 11:58	WG908693
4-Chlorotoluene	ND		1.00	1	09/19/2016 11:58	WG908693
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 11:58	WG908693
1,2-Dibromoethane	ND		1.00	1	09/19/2016 11:58	WG908693
Dibromomethane	ND		1.00	1	09/19/2016 11:58	WG908693
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 11:58	WG908693
1,1-Dichloroethane	ND		1.00	1	09/19/2016 11:58	WG908693
1,2-Dichloroethane	ND		1.00	1	09/19/2016 11:58	WG908693
1,1-Dichloroethene	ND		1.00	1	09/19/2016 11:58	WG908693
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 11:58	WG908693
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 11:58	WG908693
1,2-Dichloropropane	ND		1.00	1	09/19/2016 11:58	WG908693
1,1-Dichloropropene	ND		1.00	1	09/19/2016 11:58	WG908693
1,3-Dichloropropane	ND		1.00	1	09/19/2016 11:58	WG908693
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 11:58	WG908693
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 11:58	WG908693
2,2-Dichloropropane	ND		1.00	1	09/19/2016 11:58	WG908693
Di-isopropyl ether	ND		1.00	1	09/19/2016 11:58	WG908693
Ethylbenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 11:58	WG908693
Isopropylbenzene	3.93		1.00	1	09/19/2016 11:58	WG908693
p-Isopropyltoluene	ND		1.00	1	09/19/2016 11:58	WG908693
2-Butanone (MEK)	ND		10.0	1	09/19/2016 11:58	WG908693
Methylene Chloride	ND		5.00	1	09/19/2016 11:58	WG908693
1-Methylnaphthalene	ND		10.0	1	09/19/2016 11:58	WG908693
2-Methylnaphthalene	ND		10.0	1	09/19/2016 11:58	WG908693
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 11:58	WG908693
Methyl tert-butyl ether	ND		1.00	1	09/19/2016 11:58	WG908693
Naphthalene	ND		5.00	1	09/19/2016 11:58	WG908693

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Styrene	ND		1.00	1	09/19/2016 11:58	WG908693
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 11:58	WG908693
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 11:58	WG908693
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 11:58	WG908693
Tetrachloroethene	ND		1.00	1	09/19/2016 11:58	WG908693
Toluene	ND		5.00	1	09/19/2016 11:58	WG908693
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 11:58	WG908693
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 11:58	WG908693
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 11:58	WG908693
Trichloroethene	ND		1.00	1	09/19/2016 11:58	WG908693
Trichlorofluoromethane	ND		5.00	1	09/19/2016 11:58	WG908693
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 11:58	WG908693
1,2,4-Trimethylbenzene	ND		1.00	1	09/19/2016 11:58	WG908693
1,2,3-Trimethylbenzene	3.41		1.00	1	09/19/2016 11:58	WG908693
1,3,5-Trimethylbenzene	ND		1.00	1	09/19/2016 11:58	WG908693
Vinyl chloride	ND		1.00	1	09/19/2016 11:58	WG908693
Xylenes, Total	5.15		3.00	1	09/19/2016 11:58	WG908693
(S) Toluene-d8	*104*		*90.0-115*		*09/19/2016 11:58*	WG908693
(S) Dibromofluoromethane	*93.6*		*79.0-121*		*09/19/2016 11:58*	WG908693
(S) 4-Bromofluorobenzene	*92.5*		*80.1-120*		*09/19/2016 11:58*	WG908693

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	50.1		5.00	1	09/19/2016 18:00	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 12:20	WG908693
Acrolein	ND	J4	50.0	1	09/19/2016 12:20	WG908693
Acrylonitrile	95.2		10.0	1	09/19/2016 12:20	WG908693
Benzene	78.0		1.00	1	09/19/2016 12:20	WG908693
Bromobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
Bromodichloromethane	ND		1.00	1	09/19/2016 12:20	WG908693
Bromoform	ND		1.00	1	09/19/2016 12:20	WG908693
Bromomethane	ND		5.00	1	09/19/2016 12:20	WG908693
n-Butylbenzene	18.7		1.00	1	09/19/2016 12:20	WG908693
sec-Butylbenzene	12.0		1.00	1	09/19/2016 12:20	WG908693
tert-Butylbenzene	ND		1.00	1	09/19/2016 12:20	WG908693
Carbon tetrachloride	ND		1.00	1	09/19/2016 12:20	WG908693
Chlorobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
Chlorodibromomethane	ND		1.00	1	09/19/2016 12:20	WG908693
Chloroethane	ND		5.00	1	09/19/2016 12:20	WG908693
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 12:20	WG908693
Chloroform	ND		5.00	1	09/19/2016 12:20	WG908693
Chloromethane	ND		2.50	1	09/19/2016 12:20	WG908693
2-Chlorotoluene	ND		1.00	1	09/19/2016 12:20	WG908693
4-Chlorotoluene	ND		1.00	1	09/19/2016 12:20	WG908693
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 12:20	WG908693
1,2-Dibromoethane	ND		1.00	1	09/19/2016 12:20	WG908693
Dibromomethane	ND		1.00	1	09/19/2016 12:20	WG908693
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 12:20	WG908693
1,1-Dichloroethane	ND		1.00	1	09/19/2016 12:20	WG908693
1,2-Dichloroethane	ND		1.00	1	09/19/2016 12:20	WG908693
1,1-Dichloroethene	ND		1.00	1	09/19/2016 12:20	WG908693
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 12:20	WG908693
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 12:20	WG908693
1,2-Dichloropropane	ND		1.00	1	09/19/2016 12:20	WG908693
1,1-Dichloropropene	ND		1.00	1	09/19/2016 12:20	WG908693
1,3-Dichloropropane	ND		1.00	1	09/19/2016 12:20	WG908693
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 12:20	WG908693
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 12:20	WG908693
2,2-Dichloropropane	ND		1.00	1	09/19/2016 12:20	WG908693
Di-isopropyl ether	ND		1.00	1	09/19/2016 12:20	WG908693
Ethylbenzene	1.44		1.00	1	09/19/2016 12:20	WG908693
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 12:20	WG908693
Isopropylbenzene	17.4		1.00	1	09/19/2016 12:20	WG908693
p-Isopropyltoluene	5.01		1.00	1	09/19/2016 12:20	WG908693
2-Butanone (MEK)	ND		10.0	1	09/19/2016 12:20	WG908693
Methylene Chloride	ND		5.00	1	09/19/2016 12:20	WG908693
1-Methylnaphthalene	ND		10.0	1	09/19/2016 12:20	WG908693
2-Methylnaphthalene	11.1		10.0	1	09/19/2016 12:20	WG908693
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 12:20	WG908693
Methyl tert-butyl ether	8.27		1.00	1	09/19/2016 12:20	WG908693
Naphthalene	ND		5.00	1	09/19/2016 12:20	WG908693

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	10.2		1.00	1	09/19/2016 12:20	WG908693
Styrene	ND		1.00	1	09/19/2016 12:20	WG908693
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 12:20	WG908693
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 12:20	WG908693
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 12:20	WG908693
Tetrachloroethene	ND		1.00	1	09/19/2016 12:20	WG908693
Toluene	6.18		5.00	1	09/19/2016 12:20	WG908693
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 12:20	WG908693
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 12:20	WG908693
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 12:20	WG908693
Trichloroethene	ND		1.00	1	09/19/2016 12:20	WG908693
Trichlorofluoromethane	ND		5.00	1	09/19/2016 12:20	WG908693
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 12:20	WG908693
1,2,4-Trimethylbenzene	1.03		1.00	1	09/19/2016 12:20	WG908693
1,2,3-Trimethylbenzene	3.42		1.00	1	09/19/2016 12:20	WG908693
1,3,5-Trimethylbenzene	ND		1.00	1	09/19/2016 12:20	WG908693
Vinyl chloride	ND		1.00	1	09/19/2016 12:20	WG908693
Xylenes, Total	12.3		3.00	1	09/19/2016 12:20	WG908693
(S) Toluene-d8	*104*		*90.0-115*		*09/19/2016 12:20*	WG908693
(S) Dibromofluoromethane	*90.7*		*79.0-121*		*09/19/2016 12:20*	WG908693
(S) 4-Bromofluorobenzene	*80.4*		*80.1-120*		*09/19/2016 12:20*	WG908693

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	25.4		5.00	1	09/19/2016 18:02	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 12:42	WG908693
Acrolein	ND	J4	50.0	1	09/19/2016 12:42	WG908693
Acrylonitrile	ND		10.0	1	09/19/2016 12:42	WG908693
Benzene	1.02		1.00	1	09/19/2016 12:42	WG908693
Bromobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
Bromodichloromethane	ND		1.00	1	09/19/2016 12:42	WG908693
Bromoform	ND		1.00	1	09/19/2016 12:42	WG908693
Bromomethane	ND		5.00	1	09/19/2016 12:42	WG908693
n-Butylbenzene	13.0		1.00	1	09/19/2016 12:42	WG908693
sec-Butylbenzene	15.4		1.00	1	09/19/2016 12:42	WG908693
tert-Butylbenzene	ND		1.00	1	09/19/2016 12:42	WG908693
Carbon tetrachloride	ND		1.00	1	09/19/2016 12:42	WG908693
Chlorobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
Chlorodibromomethane	ND		1.00	1	09/19/2016 12:42	WG908693
Chloroethane	ND		5.00	1	09/19/2016 12:42	WG908693
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 12:42	WG908693
Chloroform	ND		5.00	1	09/19/2016 12:42	WG908693
Chloromethane	ND		2.50	1	09/19/2016 12:42	WG908693
2-Chlorotoluene	ND		1.00	1	09/19/2016 12:42	WG908693
4-Chlorotoluene	ND		1.00	1	09/19/2016 12:42	WG908693
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 12:42	WG908693
1,2-Dibromoethane	ND		1.00	1	09/19/2016 12:42	WG908693
Dibromomethane	ND		1.00	1	09/19/2016 12:42	WG908693
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 12:42	WG908693
1,1-Dichloroethane	ND		1.00	1	09/19/2016 12:42	WG908693
1,2-Dichloroethane	ND		1.00	1	09/19/2016 12:42	WG908693
1,1-Dichloroethene	ND		1.00	1	09/19/2016 12:42	WG908693
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 12:42	WG908693
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 12:42	WG908693
1,2-Dichloropropane	ND		1.00	1	09/19/2016 12:42	WG908693
1,1-Dichloropropene	ND		1.00	1	09/19/2016 12:42	WG908693
1,3-Dichloropropane	ND		1.00	1	09/19/2016 12:42	WG908693
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 12:42	WG908693
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 12:42	WG908693
2,2-Dichloropropane	ND		1.00	1	09/19/2016 12:42	WG908693
Di-isopropyl ether	ND		1.00	1	09/19/2016 12:42	WG908693
Ethylbenzene	2.35		1.00	1	09/19/2016 12:42	WG908693
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 12:42	WG908693
Isopropylbenzene	12.2		1.00	1	09/19/2016 12:42	WG908693
p-Isopropyltoluene	2.85		1.00	1	09/19/2016 12:42	WG908693
2-Butanone (MEK)	ND		10.0	1	09/19/2016 12:42	WG908693
Methylene Chloride	ND		5.00	1	09/19/2016 12:42	WG908693
1-Methylnaphthalene	ND		10.0	1	09/19/2016 12:42	WG908693
2-Methylnaphthalene	ND		10.0	1	09/19/2016 12:42	WG908693
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 12:42	WG908693
Methyl tert-butyl ether	10.5		1.00	1	09/19/2016 12:42	WG908693
Naphthalene	ND		5.00	1	09/19/2016 12:42	WG908693

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	20.4		1.00	1	09/19/2016 12:42	WG908693
Styrene	ND		1.00	1	09/19/2016 12:42	WG908693
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 12:42	WG908693
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 12:42	WG908693
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 12:42	WG908693
Tetrachloroethene	ND		1.00	1	09/19/2016 12:42	WG908693
Toluene	ND		5.00	1	09/19/2016 12:42	WG908693
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 12:42	WG908693
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 12:42	WG908693
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 12:42	WG908693
Trichloroethene	ND		1.00	1	09/19/2016 12:42	WG908693
Trichlorofluoromethane	ND		5.00	1	09/19/2016 12:42	WG908693
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 12:42	WG908693
1,2,4-Trimethylbenzene	ND		1.00	1	09/19/2016 12:42	WG908693
1,2,3-Trimethylbenzene	6.21		1.00	1	09/19/2016 12:42	WG908693
1,3,5-Trimethylbenzene	1.17		1.00	1	09/19/2016 12:42	WG908693
Vinyl chloride	ND		1.00	1	09/19/2016 12:42	WG908693
Xylenes, Total	4.53		3.00	1	09/19/2016 12:42	WG908693
(S) Toluene-d8	*103*		*90.0-115*		*09/19/2016 12:42*	WG908693
(S) Dibromofluoromethane	*93.3*		*79.0-121*		*09/19/2016 12:42*	WG908693
(S) 4-Bromofluorobenzene	*77.9*	J2	*80.1-120*		*09/19/2016 12:42*	WG908693

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	55.9		5.00	1	09/19/2016 18:05	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 13:04	WG908693
Acrolein	ND	J4	50.0	1	09/19/2016 13:04	WG908693
Acrylonitrile	ND		10.0	1	09/19/2016 13:04	WG908693
Benzene	ND		1.00	1	09/19/2016 13:04	WG908693
Bromobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
Bromodichloromethane	ND		1.00	1	09/19/2016 13:04	WG908693
Bromoform	ND		1.00	1	09/19/2016 13:04	WG908693
Bromomethane	ND		5.00	1	09/19/2016 13:04	WG908693
n-Butylbenzene	ND		1.00	1	09/19/2016 13:04	WG908693
sec-Butylbenzene	ND		1.00	1	09/19/2016 13:04	WG908693
tert-Butylbenzene	ND		1.00	1	09/19/2016 13:04	WG908693
Carbon tetrachloride	ND		1.00	1	09/19/2016 13:04	WG908693
Chlorobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
Chlorodibromomethane	ND		1.00	1	09/19/2016 13:04	WG908693
Chloroethane	ND		5.00	1	09/19/2016 13:04	WG908693
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 13:04	WG908693
Chloroform	ND		5.00	1	09/19/2016 13:04	WG908693
Chloromethane	ND		2.50	1	09/19/2016 13:04	WG908693
2-Chlorotoluene	ND		1.00	1	09/19/2016 13:04	WG908693
4-Chlorotoluene	ND		1.00	1	09/19/2016 13:04	WG908693
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 13:04	WG908693
1,2-Dibromoethane	ND		1.00	1	09/19/2016 13:04	WG908693
Dibromomethane	ND		1.00	1	09/19/2016 13:04	WG908693
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 13:04	WG908693
1,1-Dichloroethane	ND		1.00	1	09/19/2016 13:04	WG908693
1,2-Dichloroethane	ND		1.00	1	09/19/2016 13:04	WG908693
1,1-Dichloroethene	ND		1.00	1	09/19/2016 13:04	WG908693
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 13:04	WG908693
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 13:04	WG908693
1,2-Dichloropropane	ND		1.00	1	09/19/2016 13:04	WG908693
1,1-Dichloropropene	ND		1.00	1	09/19/2016 13:04	WG908693
1,3-Dichloropropane	ND		1.00	1	09/19/2016 13:04	WG908693
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 13:04	WG908693
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 13:04	WG908693
2,2-Dichloropropane	ND		1.00	1	09/19/2016 13:04	WG908693
Di-isopropyl ether	ND		1.00	1	09/19/2016 13:04	WG908693
Ethylbenzene	4.71		1.00	1	09/19/2016 13:04	WG908693
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 13:04	WG908693
Isopropylbenzene	1.38		1.00	1	09/19/2016 13:04	WG908693
p-Isopropyltoluene	ND		1.00	1	09/19/2016 13:04	WG908693
2-Butanone (MEK)	ND		10.0	1	09/19/2016 13:04	WG908693
Methylene Chloride	ND		5.00	1	09/19/2016 13:04	WG908693
1-Methylnaphthalene	ND		10.0	1	09/19/2016 13:04	WG908693
2-Methylnaphthalene	ND		10.0	1	09/19/2016 13:04	WG908693
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 13:04	WG908693
Methyl tert-butyl ether	ND		1.00	1	09/19/2016 13:04	WG908693
Naphthalene	ND		5.00	1	09/19/2016 13:04	WG908693

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	2.50		1.00	1	09/19/2016 13:04	WG908693
Styrene	ND		1.00	1	09/19/2016 13:04	WG908693
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 13:04	WG908693
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 13:04	WG908693
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 13:04	WG908693
Tetrachloroethene	ND		1.00	1	09/19/2016 13:04	WG908693
Toluene	ND		5.00	1	09/19/2016 13:04	WG908693
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 13:04	WG908693
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 13:04	WG908693
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 13:04	WG908693
Trichloroethene	ND		1.00	1	09/19/2016 13:04	WG908693
Trichlorofluoromethane	ND		5.00	1	09/19/2016 13:04	WG908693
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 13:04	WG908693
1,2,4-Trimethylbenzene	ND		1.00	1	09/19/2016 13:04	WG908693
1,2,3-Trimethylbenzene	ND		1.00	1	09/19/2016 13:04	WG908693
1,3,5-Trimethylbenzene	ND		1.00	1	09/19/2016 13:04	WG908693
Vinyl chloride	ND		1.00	1	09/19/2016 13:04	WG908693
Xylenes, Total	ND		3.00	1	09/19/2016 13:04	WG908693
(S) Toluene-d8	*105*		*90.0-115*		*09/19/2016 13:04*	WG908693
(S) Dibromofluoromethane	*93.7*		*79.0-121*		*09/19/2016 13:04*	WG908693
(S) 4-Bromofluorobenzene	*99.8*		*80.1-120*		*09/19/2016 13:04*	WG908693

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	241		5.00	1	09/19/2016 18:08	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		1250	25	09/21/2016 03:04	WG908700
Acrolein	ND		1250	25	09/21/2016 03:04	WG908700
Acrylonitrile	ND		250	25	09/21/2016 03:04	WG908700
Benzene	519		25.0	25	09/21/2016 03:04	WG908700
Bromobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
Bromodichloromethane	ND		25.0	25	09/21/2016 03:04	WG908700
Bromoform	ND		25.0	25	09/21/2016 03:04	WG908700
Bromomethane	ND		125	25	09/21/2016 03:04	WG908700
n-Butylbenzene	ND		25.0	25	09/21/2016 03:04	WG908700
sec-Butylbenzene	ND		25.0	25	09/21/2016 03:04	WG908700
tert-Butylbenzene	ND		25.0	25	09/21/2016 03:04	WG908700
Carbon tetrachloride	ND		25.0	25	09/21/2016 03:04	WG908700
Chlorobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
Chlorodibromomethane	ND		25.0	25	09/21/2016 03:04	WG908700
Chloroethane	ND		125	25	09/21/2016 03:04	WG908700
2-Chloroethyl vinyl ether	ND		1250	25	09/21/2016 03:04	WG908700
Chloroform	ND		125	25	09/21/2016 03:04	WG908700
Chloromethane	ND		62.5	25	09/21/2016 03:04	WG908700
2-Chlorotoluene	ND		25.0	25	09/21/2016 03:04	WG908700
4-Chlorotoluene	ND		25.0	25	09/21/2016 03:04	WG908700
1,2-Dibromo-3-Chloropropane	ND		125	25	09/21/2016 03:04	WG908700
1,2-Dibromoethane	ND		25.0	25	09/21/2016 03:04	WG908700
Dibromomethane	ND		25.0	25	09/21/2016 03:04	WG908700
1,2-Dichlorobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
1,3-Dichlorobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
1,4-Dichlorobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
Dichlorodifluoromethane	ND		125	25	09/21/2016 03:04	WG908700
1,1-Dichloroethane	ND		25.0	25	09/21/2016 03:04	WG908700
1,2-Dichloroethane	ND		25.0	25	09/21/2016 03:04	WG908700
1,1-Dichloroethene	ND		25.0	25	09/21/2016 03:04	WG908700
cis-1,2-Dichloroethene	ND		25.0	25	09/21/2016 03:04	WG908700
trans-1,2-Dichloroethene	ND		25.0	25	09/21/2016 03:04	WG908700
1,2-Dichloropropane	ND		25.0	25	09/21/2016 03:04	WG908700
1,1-Dichloropropene	ND		25.0	25	09/21/2016 03:04	WG908700
1,3-Dichloropropane	ND		25.0	25	09/21/2016 03:04	WG908700
cis-1,3-Dichloropropene	ND		25.0	25	09/21/2016 03:04	WG908700
trans-1,3-Dichloropropene	ND		25.0	25	09/21/2016 03:04	WG908700
2,2-Dichloropropane	ND		25.0	25	09/21/2016 03:04	WG908700
Di-isopropyl ether	ND		25.0	25	09/21/2016 03:04	WG908700
Ethylbenzene	6270		100	100	09/25/2016 16:34	WG908700
Hexachloro-1,3-butadiene	ND		25.0	25	09/21/2016 03:04	WG908700
Isopropylbenzene	212		25.0	25	09/21/2016 03:04	WG908700
p-Isopropyltoluene	ND		25.0	25	09/21/2016 03:04	WG908700
2-Butanone (MEK)	ND		250	25	09/21/2016 03:04	WG908700
Methylene Chloride	ND		125	25	09/21/2016 03:04	WG908700
1-Methylnaphthalene	ND		250	25	09/21/2016 03:04	WG908700
2-Methylnaphthalene	ND		250	25	09/21/2016 03:04	WG908700
4-Methyl-2-pentanone (MIBK)	ND		250	25	09/21/2016 03:04	WG908700
Methyl tert-butyl ether	ND		25.0	25	09/21/2016 03:04	WG908700
Naphthalene	745		125	25	09/21/2016 03:04	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	560		25.0	25	09/21/2016 03:04	WG908700
Styrene	ND		25.0	25	09/21/2016 03:04	WG908700
1,1,1,2-Tetrachloroethane	ND		25.0	25	09/21/2016 03:04	WG908700
1,1,2,2-Tetrachloroethane	ND		25.0	25	09/21/2016 03:04	WG908700
1,1,2-Trichlorotrifluoroethane	ND		25.0	25	09/21/2016 03:04	WG908700
Tetrachloroethene	ND		25.0	25	09/21/2016 03:04	WG908700
Toluene	262		125	25	09/21/2016 03:04	WG908700
1,2,3-Trichlorobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
1,2,4-Trichlorobenzene	ND		25.0	25	09/21/2016 03:04	WG908700
1,1,1-Trichloroethane	ND		25.0	25	09/21/2016 03:04	WG908700
1,1,2-Trichloroethane	ND		25.0	25	09/21/2016 03:04	WG908700
Trichloroethene	ND		25.0	25	09/21/2016 03:04	WG908700
Trichlorofluoromethane	ND		125	25	09/21/2016 03:04	WG908700
1,2,3-Trichloropropane	ND		62.5	25	09/21/2016 03:04	WG908700
1,2,4-Trimethylbenzene	4690		25.0	25	09/21/2016 03:04	WG908700
1,2,3-Trimethylbenzene	1040		25.0	25	09/21/2016 03:04	WG908700
1,3,5-Trimethylbenzene	879		25.0	25	09/21/2016 03:04	WG908700
Vinyl chloride	ND		25.0	25	09/21/2016 03:04	WG908700
Xylenes, Total	19900		300	100	09/25/2016 16:34	WG908700
(S) Toluene-d8	*108*		*90.0-115*		*09/25/2016 16:34*	WG908700
(S) Toluene-d8	*104*		*90.0-115*		*09/21/2016 03:04*	WG908700
(S) Dibromofluoromethane	*90.7*		*79.0-121*		*09/21/2016 03:04*	WG908700
(S) Dibromofluoromethane	*88.7*		*79.0-121*		*09/25/2016 16:34*	WG908700
(S) 4-Bromofluorobenzene	*99.1*		*80.1-120*		*09/25/2016 16:34*	WG908700
(S) 4-Bromofluorobenzene	*109*		*80.1-120*		*09/21/2016 03:04*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	37.4		5.00	1	09/19/2016 18:11	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 13:25	WG908693
Acrolein	ND	J4	50.0	1	09/19/2016 13:25	WG908693
Acrylonitrile	ND		10.0	1	09/19/2016 13:25	WG908693
Benzene	ND		1.00	1	09/19/2016 13:25	WG908693
Bromobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Bromodichloromethane	ND		1.00	1	09/19/2016 13:25	WG908693
Bromoform	ND		1.00	1	09/19/2016 13:25	WG908693
Bromomethane	ND		5.00	1	09/19/2016 13:25	WG908693
n-Butylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
sec-Butylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
tert-Butylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Carbon tetrachloride	ND		1.00	1	09/19/2016 13:25	WG908693
Chlorobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Chlorodibromomethane	ND		1.00	1	09/19/2016 13:25	WG908693
Chloroethane	ND		5.00	1	09/19/2016 13:25	WG908693
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 13:25	WG908693
Chloroform	ND		5.00	1	09/19/2016 13:25	WG908693
Chloromethane	ND		2.50	1	09/19/2016 13:25	WG908693
2-Chlorotoluene	ND		1.00	1	09/19/2016 13:25	WG908693
4-Chlorotoluene	ND		1.00	1	09/19/2016 13:25	WG908693
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 13:25	WG908693
1,2-Dibromoethane	ND		1.00	1	09/19/2016 13:25	WG908693
Dibromomethane	ND		1.00	1	09/19/2016 13:25	WG908693
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 13:25	WG908693
1,1-Dichloroethane	ND		1.00	1	09/19/2016 13:25	WG908693
1,2-Dichloroethane	ND		1.00	1	09/19/2016 13:25	WG908693
1,1-Dichloroethene	ND		1.00	1	09/19/2016 13:25	WG908693
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 13:25	WG908693
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 13:25	WG908693
1,2-Dichloropropane	ND		1.00	1	09/19/2016 13:25	WG908693
1,1-Dichloropropene	ND		1.00	1	09/19/2016 13:25	WG908693
1,3-Dichloropropane	ND		1.00	1	09/19/2016 13:25	WG908693
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 13:25	WG908693
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 13:25	WG908693
2,2-Dichloropropane	ND		1.00	1	09/19/2016 13:25	WG908693
Di-isopropyl ether	ND		1.00	1	09/19/2016 13:25	WG908693
Ethylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 13:25	WG908693
Isopropylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
p-Isopropyltoluene	ND		1.00	1	09/19/2016 13:25	WG908693
2-Butanone (MEK)	ND		10.0	1	09/19/2016 13:25	WG908693
Methylene Chloride	ND		5.00	1	09/19/2016 13:25	WG908693
1-Methylnaphthalene	ND		10.0	1	09/19/2016 13:25	WG908693
2-Methylnaphthalene	ND		10.0	1	09/19/2016 13:25	WG908693
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 13:25	WG908693
Methyl tert-butyl ether	ND		1.00	1	09/19/2016 13:25	WG908693
Naphthalene	ND		5.00	1	09/19/2016 13:25	WG908693

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Styrene	ND		1.00	1	09/19/2016 13:25	WG908693
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 13:25	WG908693
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 13:25	WG908693
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 13:25	WG908693
Tetrachloroethene	ND		1.00	1	09/19/2016 13:25	WG908693
Toluene	ND		5.00	1	09/19/2016 13:25	WG908693
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 13:25	WG908693
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 13:25	WG908693
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 13:25	WG908693
Trichloroethene	ND		1.00	1	09/19/2016 13:25	WG908693
Trichlorofluoromethane	ND		5.00	1	09/19/2016 13:25	WG908693
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 13:25	WG908693
1,2,4-Trimethylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
1,2,3-Trimethylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
1,3,5-Trimethylbenzene	ND		1.00	1	09/19/2016 13:25	WG908693
Vinyl chloride	ND		1.00	1	09/19/2016 13:25	WG908693
Xylenes, Total	ND		3.00	1	09/19/2016 13:25	WG908693
(S) Toluene-d8	*103*		*90.0-115*		*09/19/2016 13:25*	WG908693
(S) Dibromofluoromethane	*92.3*		*79.0-121*		*09/19/2016 13:25*	WG908693
(S) 4-Bromofluorobenzene	*100*		*80.1-120*		*09/19/2016 13:25*	WG908693

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	106		5.00	1	09/19/2016 18:14	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 02:14	WG908701
Acrolein	ND		50.0	1	09/19/2016 02:14	WG908701
Acrylonitrile	ND		10.0	1	09/19/2016 02:14	WG908701
Benzene	ND		1.00	1	09/19/2016 02:14	WG908701
Bromobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Bromodichloromethane	ND		1.00	1	09/19/2016 02:14	WG908701
Bromoform	ND		1.00	1	09/19/2016 02:14	WG908701
Bromomethane	ND		5.00	1	09/19/2016 02:14	WG908701
n-Butylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
sec-Butylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
tert-Butylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Carbon tetrachloride	ND		1.00	1	09/19/2016 02:14	WG908701
Chlorobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Chlorodibromomethane	ND		1.00	1	09/19/2016 02:14	WG908701
Chloroethane	ND		5.00	1	09/19/2016 02:14	WG908701
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 02:14	WG908701
Chloroform	ND		5.00	1	09/19/2016 02:14	WG908701
Chloromethane	ND		2.50	1	09/19/2016 02:14	WG908701
2-Chlorotoluene	ND		1.00	1	09/19/2016 02:14	WG908701
4-Chlorotoluene	ND		1.00	1	09/19/2016 02:14	WG908701
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 02:14	WG908701
1,2-Dibromoethane	ND		1.00	1	09/19/2016 02:14	WG908701
Dibromomethane	ND		1.00	1	09/19/2016 02:14	WG908701
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 02:14	WG908701
1,1-Dichloroethane	ND		1.00	1	09/19/2016 02:14	WG908701
1,2-Dichloroethane	ND		1.00	1	09/19/2016 02:14	WG908701
1,1-Dichloroethene	ND		1.00	1	09/19/2016 02:14	WG908701
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 02:14	WG908701
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 02:14	WG908701
1,2-Dichloropropane	ND		1.00	1	09/19/2016 02:14	WG908701
1,1-Dichloropropene	ND		1.00	1	09/19/2016 02:14	WG908701
1,3-Dichloropropane	ND	J4	1.00	1	09/19/2016 02:14	WG908701
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 02:14	WG908701
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 02:14	WG908701
2,2-Dichloropropane	ND		1.00	1	09/19/2016 02:14	WG908701
Di-isopropyl ether	ND		1.00	1	09/19/2016 02:14	WG908701
Ethylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 02:14	WG908701
Isopropylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
p-Isopropyltoluene	ND		1.00	1	09/19/2016 02:14	WG908701
2-Butanone (MEK)	ND		10.0	1	09/19/2016 02:14	WG908701
Methylene Chloride	ND		5.00	1	09/19/2016 02:14	WG908701
1-Methylnaphthalene	ND		10.0	1	09/19/2016 02:14	WG908701
2-Methylnaphthalene	ND	J4	10.0	1	09/19/2016 02:14	WG908701
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 02:14	WG908701
Methyl tert-butyl ether	ND		1.00	1	09/19/2016 02:14	WG908701
Naphthalene	ND		5.00	1	09/19/2016 02:14	WG908701

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Styrene	ND		1.00	1	09/19/2016 02:14	WG908701
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 02:14	WG908701
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 02:14	WG908701
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 02:14	WG908701
Tetrachloroethene	ND		1.00	1	09/19/2016 02:14	WG908701
Toluene	ND		5.00	1	09/19/2016 02:14	WG908701
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 02:14	WG908701
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 02:14	WG908701
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 02:14	WG908701
Trichloroethene	ND		1.00	1	09/19/2016 02:14	WG908701
Trichlorofluoromethane	ND		5.00	1	09/19/2016 02:14	WG908701
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 02:14	WG908701
1,2,4-Trimethylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
1,2,3-Trimethylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
1,3,5-Trimethylbenzene	ND		1.00	1	09/19/2016 02:14	WG908701
Vinyl chloride	ND		1.00	1	09/19/2016 02:14	WG908701
Xylenes, Total	ND		3.00	1	09/19/2016 02:14	WG908701
(S) Toluene-d8	*100*		*90.0-115*		*09/19/2016 02:14*	WG908701
(S) Dibromofluoromethane	*92.9*		*79.0-121*		*09/19/2016 02:14*	WG908701
(S) 4-Bromofluorobenzene	*103*		*80.1-120*		*09/19/2016 02:14*	WG908701

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	19.7		5.00	1	09/19/2016 18:16	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/19/2016 13:47	WG908693
Acrolein	ND	J4	50.0	1	09/19/2016 13:47	WG908693
Acrylonitrile	ND		10.0	1	09/19/2016 13:47	WG908693
Benzene	ND		1.00	1	09/19/2016 13:47	WG908693
Bromobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Bromodichloromethane	ND		1.00	1	09/19/2016 13:47	WG908693
Bromoform	ND		1.00	1	09/19/2016 13:47	WG908693
Bromomethane	ND		5.00	1	09/19/2016 13:47	WG908693
n-Butylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
sec-Butylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
tert-Butylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Carbon tetrachloride	ND		1.00	1	09/19/2016 13:47	WG908693
Chlorobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Chlorodibromomethane	ND		1.00	1	09/19/2016 13:47	WG908693
Chloroethane	ND		5.00	1	09/19/2016 13:47	WG908693
2-Chloroethyl vinyl ether	ND		50.0	1	09/19/2016 13:47	WG908693
Chloroform	ND		5.00	1	09/19/2016 13:47	WG908693
Chloromethane	ND		2.50	1	09/19/2016 13:47	WG908693
2-Chlorotoluene	ND		1.00	1	09/19/2016 13:47	WG908693
4-Chlorotoluene	ND		1.00	1	09/19/2016 13:47	WG908693
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/19/2016 13:47	WG908693
1,2-Dibromoethane	ND		1.00	1	09/19/2016 13:47	WG908693
Dibromomethane	ND		1.00	1	09/19/2016 13:47	WG908693
1,2-Dichlorobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
1,3-Dichlorobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
1,4-Dichlorobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Dichlorodifluoromethane	ND		5.00	1	09/19/2016 13:47	WG908693
1,1-Dichloroethane	ND		1.00	1	09/19/2016 13:47	WG908693
1,2-Dichloroethane	ND		1.00	1	09/19/2016 13:47	WG908693
1,1-Dichloroethene	ND		1.00	1	09/19/2016 13:47	WG908693
cis-1,2-Dichloroethene	ND		1.00	1	09/19/2016 13:47	WG908693
trans-1,2-Dichloroethene	ND		1.00	1	09/19/2016 13:47	WG908693
1,2-Dichloropropane	ND		1.00	1	09/19/2016 13:47	WG908693
1,1-Dichloropropene	ND		1.00	1	09/19/2016 13:47	WG908693
1,3-Dichloropropane	ND		1.00	1	09/19/2016 13:47	WG908693
cis-1,3-Dichloropropene	ND		1.00	1	09/19/2016 13:47	WG908693
trans-1,3-Dichloropropene	ND		1.00	1	09/19/2016 13:47	WG908693
2,2-Dichloropropane	ND		1.00	1	09/19/2016 13:47	WG908693
Di-isopropyl ether	ND		1.00	1	09/19/2016 13:47	WG908693
Ethylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Hexachloro-1,3-butadiene	ND		1.00	1	09/19/2016 13:47	WG908693
Isopropylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
p-Isopropyltoluene	ND		1.00	1	09/19/2016 13:47	WG908693
2-Butanone (MEK)	ND		10.0	1	09/19/2016 13:47	WG908693
Methylene Chloride	ND		5.00	1	09/19/2016 13:47	WG908693
1-Methylnaphthalene	ND		10.0	1	09/19/2016 13:47	WG908693
2-Methylnaphthalene	ND		10.0	1	09/19/2016 13:47	WG908693
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/19/2016 13:47	WG908693
Methyl tert-butyl ether	2.90		1.00	1	09/19/2016 13:47	WG908693
Naphthalene	ND		5.00	1	09/19/2016 13:47	WG908693

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Styrene	ND		1.00	1	09/19/2016 13:47	WG908693
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/19/2016 13:47	WG908693
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/19/2016 13:47	WG908693
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/19/2016 13:47	WG908693
Tetrachloroethene	ND		1.00	1	09/19/2016 13:47	WG908693
Toluene	ND		5.00	1	09/19/2016 13:47	WG908693
1,2,3-Trichlorobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
1,2,4-Trichlorobenzene	ND		1.00	1	09/19/2016 13:47	WG908693
1,1,1-Trichloroethane	ND		1.00	1	09/19/2016 13:47	WG908693
1,1,2-Trichloroethane	ND		1.00	1	09/19/2016 13:47	WG908693
Trichloroethene	ND		1.00	1	09/19/2016 13:47	WG908693
Trichlorofluoromethane	ND		5.00	1	09/19/2016 13:47	WG908693
1,2,3-Trichloropropane	ND		2.50	1	09/19/2016 13:47	WG908693
1,2,4-Trimethylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
1,2,3-Trimethylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
1,3,5-Trimethylbenzene	ND		1.00	1	09/19/2016 13:47	WG908693
Vinyl chloride	ND		1.00	1	09/19/2016 13:47	WG908693
Xylenes, Total	ND		3.00	1	09/19/2016 13:47	WG908693
(S) Toluene-d8	*104*		*90.0-115*		*09/19/2016 13:47*	WG908693
(S) Dibromofluoromethane	*93.8*		*79.0-121*		*09/19/2016 13:47*	WG908693
(S) 4-Bromofluorobenzene	*99.4*		*80.1-120*		*09/19/2016 13:47*	WG908693

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	16.1		5.00	1	09/19/2016 18:19	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/20/2016 18:25	WG908700
Acrolein	ND		50.0	1	09/20/2016 18:25	WG908700
Acrylonitrile	ND		10.0	1	09/20/2016 18:25	WG908700
Benzene	ND		1.00	1	09/20/2016 18:25	WG908700
Bromobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Bromodichloromethane	ND		1.00	1	09/20/2016 18:25	WG908700
Bromoform	ND		1.00	1	09/20/2016 18:25	WG908700
Bromomethane	ND		5.00	1	09/20/2016 18:25	WG908700
n-Butylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
sec-Butylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
tert-Butylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Carbon tetrachloride	ND		1.00	1	09/20/2016 18:25	WG908700
Chlorobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Chlorodibromomethane	ND		1.00	1	09/20/2016 18:25	WG908700
Chloroethane	ND		5.00	1	09/20/2016 18:25	WG908700
2-Chloroethyl vinyl ether	ND		50.0	1	09/20/2016 18:25	WG908700
Chloroform	ND		5.00	1	09/20/2016 18:25	WG908700
Chloromethane	ND		2.50	1	09/20/2016 18:25	WG908700
2-Chlorotoluene	ND		1.00	1	09/20/2016 18:25	WG908700
4-Chlorotoluene	ND		1.00	1	09/20/2016 18:25	WG908700
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/20/2016 18:25	WG908700
1,2-Dibromoethane	ND		1.00	1	09/20/2016 18:25	WG908700
Dibromomethane	ND		1.00	1	09/20/2016 18:25	WG908700
1,2-Dichlorobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
1,3-Dichlorobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
1,4-Dichlorobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Dichlorodifluoromethane	ND		5.00	1	09/20/2016 18:25	WG908700
1,1-Dichloroethane	ND		1.00	1	09/20/2016 18:25	WG908700
1,2-Dichloroethane	ND		1.00	1	09/20/2016 18:25	WG908700
1,1-Dichloroethene	ND		1.00	1	09/20/2016 18:25	WG908700
cis-1,2-Dichloroethene	ND		1.00	1	09/20/2016 18:25	WG908700
trans-1,2-Dichloroethene	ND		1.00	1	09/20/2016 18:25	WG908700
1,2-Dichloropropane	ND		1.00	1	09/20/2016 18:25	WG908700
1,1-Dichloropropene	ND		1.00	1	09/20/2016 18:25	WG908700
1,3-Dichloropropane	ND		1.00	1	09/20/2016 18:25	WG908700
cis-1,3-Dichloropropene	ND		1.00	1	09/20/2016 18:25	WG908700
trans-1,3-Dichloropropene	ND		1.00	1	09/20/2016 18:25	WG908700
2,2-Dichloropropane	ND		1.00	1	09/20/2016 18:25	WG908700
Di-isopropyl ether	ND		1.00	1	09/20/2016 18:25	WG908700
Ethylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Hexachloro-1,3-butadiene	ND		1.00	1	09/20/2016 18:25	WG908700
Isopropylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
p-Isopropyltoluene	ND		1.00	1	09/20/2016 18:25	WG908700
2-Butanone (MEK)	ND		10.0	1	09/20/2016 18:25	WG908700
Methylene Chloride	ND		5.00	1	09/20/2016 18:25	WG908700
1-Methylnaphthalene	ND		10.0	1	09/20/2016 18:25	WG908700
2-Methylnaphthalene	ND		10.0	1	09/20/2016 18:25	WG908700
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/20/2016 18:25	WG908700
Methyl tert-butyl ether	ND		1.00	1	09/20/2016 18:25	WG908700
Naphthalene	ND		5.00	1	09/20/2016 18:25	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Styrene	ND		1.00	1	09/20/2016 18:25	WG908700
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/20/2016 18:25	WG908700
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/20/2016 18:25	WG908700
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/20/2016 18:25	WG908700
Tetrachloroethene	ND		1.00	1	09/20/2016 18:25	WG908700
Toluene	ND		5.00	1	09/20/2016 18:25	WG908700
1,2,3-Trichlorobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
1,2,4-Trichlorobenzene	ND		1.00	1	09/20/2016 18:25	WG908700
1,1,1-Trichloroethane	ND		1.00	1	09/20/2016 18:25	WG908700
1,1,2-Trichloroethane	ND		1.00	1	09/20/2016 18:25	WG908700
Trichloroethene	ND		1.00	1	09/20/2016 18:25	WG908700
Trichlorofluoromethane	ND		5.00	1	09/20/2016 18:25	WG908700
1,2,3-Trichloropropane	ND		2.50	1	09/20/2016 18:25	WG908700
1,2,4-Trimethylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
1,2,3-Trimethylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
1,3,5-Trimethylbenzene	ND		1.00	1	09/20/2016 18:25	WG908700
Vinyl chloride	ND		1.00	1	09/20/2016 18:25	WG908700
Xylenes, Total	ND		3.00	1	09/20/2016 18:25	WG908700
(S) Toluene-d8	*103*		*90.0-115*		*09/20/2016 18:25*	WG908700
(S) Dibromofluoromethane	*91.3*		*79.0-121*		*09/20/2016 18:25*	WG908700
(S) 4-Bromofluorobenzene	*105*		*80.1-120*		*09/20/2016 18:25*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	18.8		5.00	1	09/19/2016 18:22	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/20/2016 19:58	WG908700
Acrolein	ND		50.0	1	09/20/2016 19:58	WG908700
Acrylonitrile	ND		10.0	1	09/20/2016 19:58	WG908700
Benzene	ND		1.00	1	09/20/2016 19:58	WG908700
Bromobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Bromodichloromethane	ND		1.00	1	09/20/2016 19:58	WG908700
Bromoform	ND		1.00	1	09/20/2016 19:58	WG908700
Bromomethane	ND		5.00	1	09/20/2016 19:58	WG908700
n-Butylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
sec-Butylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
tert-Butylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Carbon tetrachloride	ND		1.00	1	09/20/2016 19:58	WG908700
Chlorobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Chlorodibromomethane	ND		1.00	1	09/20/2016 19:58	WG908700
Chloroethane	ND		5.00	1	09/20/2016 19:58	WG908700
2-Chloroethyl vinyl ether	ND		50.0	1	09/20/2016 19:58	WG908700
Chloroform	ND		5.00	1	09/20/2016 19:58	WG908700
Chloromethane	ND		2.50	1	09/20/2016 19:58	WG908700
2-Chlorotoluene	ND		1.00	1	09/20/2016 19:58	WG908700
4-Chlorotoluene	ND		1.00	1	09/20/2016 19:58	WG908700
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/20/2016 19:58	WG908700
1,2-Dibromoethane	ND		1.00	1	09/20/2016 19:58	WG908700
Dibromomethane	ND		1.00	1	09/20/2016 19:58	WG908700
1,2-Dichlorobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
1,3-Dichlorobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
1,4-Dichlorobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Dichlorodifluoromethane	ND		5.00	1	09/20/2016 19:58	WG908700
1,1-Dichloroethane	ND		1.00	1	09/20/2016 19:58	WG908700
1,2-Dichloroethane	ND		1.00	1	09/20/2016 19:58	WG908700
1,1-Dichloroethene	ND		1.00	1	09/20/2016 19:58	WG908700
cis-1,2-Dichloroethene	ND		1.00	1	09/20/2016 19:58	WG908700
trans-1,2-Dichloroethene	ND		1.00	1	09/20/2016 19:58	WG908700
1,2-Dichloropropane	ND		1.00	1	09/20/2016 19:58	WG908700
1,1-Dichloropropene	ND		1.00	1	09/20/2016 19:58	WG908700
1,3-Dichloropropane	ND		1.00	1	09/20/2016 19:58	WG908700
cis-1,3-Dichloropropene	ND		1.00	1	09/20/2016 19:58	WG908700
trans-1,3-Dichloropropene	ND		1.00	1	09/20/2016 19:58	WG908700
2,2-Dichloropropane	ND		1.00	1	09/20/2016 19:58	WG908700
Di-isopropyl ether	ND		1.00	1	09/20/2016 19:58	WG908700
Ethylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Hexachloro-1,3-butadiene	ND		1.00	1	09/20/2016 19:58	WG908700
Isopropylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
p-Isopropyltoluene	ND		1.00	1	09/20/2016 19:58	WG908700
2-Butanone (MEK)	ND		10.0	1	09/20/2016 19:58	WG908700
Methylene Chloride	ND		5.00	1	09/20/2016 19:58	WG908700
1-Methylnaphthalene	ND		10.0	1	09/20/2016 19:58	WG908700
2-Methylnaphthalene	ND		10.0	1	09/20/2016 19:58	WG908700
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/20/2016 19:58	WG908700
Methyl tert-butyl ether	ND		1.00	1	09/20/2016 19:58	WG908700
Naphthalene	ND		5.00	1	09/20/2016 19:58	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Styrene	ND		1.00	1	09/20/2016 19:58	WG908700
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/20/2016 19:58	WG908700
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/20/2016 19:58	WG908700
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/20/2016 19:58	WG908700
Tetrachloroethene	ND		1.00	1	09/20/2016 19:58	WG908700
Toluene	ND		5.00	1	09/20/2016 19:58	WG908700
1,2,3-Trichlorobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
1,2,4-Trichlorobenzene	ND		1.00	1	09/20/2016 19:58	WG908700
1,1,1-Trichloroethane	ND		1.00	1	09/20/2016 19:58	WG908700
1,1,2-Trichloroethane	ND		1.00	1	09/20/2016 19:58	WG908700
Trichloroethene	ND		1.00	1	09/20/2016 19:58	WG908700
Trichlorofluoromethane	ND		5.00	1	09/20/2016 19:58	WG908700
1,2,3-Trichloropropane	ND		2.50	1	09/20/2016 19:58	WG908700
1,2,4-Trimethylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
1,2,3-Trimethylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
1,3,5-Trimethylbenzene	ND		1.00	1	09/20/2016 19:58	WG908700
Vinyl chloride	ND		1.00	1	09/20/2016 19:58	WG908700
Xylenes, Total	ND		3.00	1	09/20/2016 19:58	WG908700
(S) Toluene-d8	*104*		*90.0-115*		*09/20/2016 19:58*	WG908700
(S) Dibromofluoromethane	*92.6*		*79.0-121*		*09/20/2016 19:58*	WG908700
(S) 4-Bromofluorobenzene	*106*		*80.1-120*		*09/20/2016 19:58*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	74.7		5.00	1	09/19/2016 18:30	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		500	10	09/21/2016 03:28	WG908700
Acrolein	ND		500	10	09/21/2016 03:28	WG908700
Acrylonitrile	ND		100	10	09/21/2016 03:28	WG908700
Benzene	ND		10.0	10	09/21/2016 03:28	WG908700
Bromobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
Bromodichloromethane	ND		10.0	10	09/21/2016 03:28	WG908700
Bromoform	ND		10.0	10	09/21/2016 03:28	WG908700
Bromomethane	ND		50.0	10	09/21/2016 03:28	WG908700
n-Butylbenzene	19.1		10.0	10	09/21/2016 03:28	WG908700
sec-Butylbenzene	22.8		10.0	10	09/21/2016 03:28	WG908700
tert-Butylbenzene	ND		10.0	10	09/21/2016 03:28	WG908700
Carbon tetrachloride	ND		10.0	10	09/21/2016 03:28	WG908700
Chlorobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
Chlorodibromomethane	ND		10.0	10	09/21/2016 03:28	WG908700
Chloroethane	ND		50.0	10	09/21/2016 03:28	WG908700
2-Chloroethyl vinyl ether	ND		500	10	09/21/2016 03:28	WG908700
Chloroform	ND		50.0	10	09/21/2016 03:28	WG908700
Chloromethane	ND		25.0	10	09/21/2016 03:28	WG908700
2-Chlorotoluene	ND		10.0	10	09/21/2016 03:28	WG908700
4-Chlorotoluene	ND		10.0	10	09/21/2016 03:28	WG908700
1,2-Dibromo-3-Chloropropane	ND		50.0	10	09/21/2016 03:28	WG908700
1,2-Dibromoethane	ND		10.0	10	09/21/2016 03:28	WG908700
Dibromomethane	ND		10.0	10	09/21/2016 03:28	WG908700
1,2-Dichlorobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
1,3-Dichlorobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
1,4-Dichlorobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
Dichlorodifluoromethane	ND		50.0	10	09/21/2016 03:28	WG908700
1,1-Dichloroethane	ND		10.0	10	09/21/2016 03:28	WG908700
1,2-Dichloroethane	ND		10.0	10	09/21/2016 03:28	WG908700
1,1-Dichloroethene	ND		10.0	10	09/21/2016 03:28	WG908700
cis-1,2-Dichloroethene	ND		10.0	10	09/21/2016 03:28	WG908700
trans-1,2-Dichloroethene	ND		10.0	10	09/21/2016 03:28	WG908700
1,2-Dichloropropane	ND		10.0	10	09/21/2016 03:28	WG908700
1,1-Dichloropropene	ND		10.0	10	09/21/2016 03:28	WG908700
1,3-Dichloropropane	ND		10.0	10	09/21/2016 03:28	WG908700
cis-1,3-Dichloropropene	ND		10.0	10	09/21/2016 03:28	WG908700
trans-1,3-Dichloropropene	ND		10.0	10	09/21/2016 03:28	WG908700
2,2-Dichloropropane	ND		10.0	10	09/21/2016 03:28	WG908700
Di-isopropyl ether	ND		10.0	10	09/21/2016 03:28	WG908700
Ethylbenzene	2500		100	100	09/25/2016 16:47	WG908700
Hexachloro-1,3-butadiene	ND		10.0	10	09/21/2016 03:28	WG908700
Isopropylbenzene	156		10.0	10	09/21/2016 03:28	WG908700
p-Isopropyltoluene	ND		10.0	10	09/21/2016 03:28	WG908700
2-Butanone (MEK)	ND		100	10	09/21/2016 03:28	WG908700
Methylene Chloride	ND		50.0	10	09/21/2016 03:28	WG908700
1-Methylnaphthalene	100		100	10	09/21/2016 03:28	WG908700
2-Methylnaphthalene	ND		100	10	09/21/2016 03:28	WG908700
4-Methyl-2-pentanone (MIBK)	ND		100	10	09/21/2016 03:28	WG908700
Methyl tert-butyl ether	ND		10.0	10	09/21/2016 03:28	WG908700
Naphthalene	442		50.0	10	09/21/2016 03:28	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	374		10.0	10	09/21/2016 03:28	WG908700
Styrene	ND		10.0	10	09/21/2016 03:28	WG908700
1,1,1,2-Tetrachloroethane	ND		10.0	10	09/21/2016 03:28	WG908700
1,1,2,2-Tetrachloroethane	ND		10.0	10	09/21/2016 03:28	WG908700
1,1,2-Trichlorotrifluoroethane	ND		10.0	10	09/21/2016 03:28	WG908700
Tetrachloroethene	ND		10.0	10	09/21/2016 03:28	WG908700
Toluene	ND		50.0	10	09/21/2016 03:28	WG908700
1,2,3-Trichlorobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
1,2,4-Trichlorobenzene	ND		10.0	10	09/21/2016 03:28	WG908700
1,1,1-Trichloroethane	ND		10.0	10	09/21/2016 03:28	WG908700
1,1,2-Trichloroethane	ND		10.0	10	09/21/2016 03:28	WG908700
Trichloroethene	ND		10.0	10	09/21/2016 03:28	WG908700
Trichlorofluoromethane	ND		50.0	10	09/21/2016 03:28	WG908700
1,2,3-Trichloropropane	ND		25.0	10	09/21/2016 03:28	WG908700
1,2,4-Trimethylbenzene	1170		100	100	09/25/2016 16:47	WG908700
1,2,3-Trimethylbenzene	122		10.0	10	09/21/2016 03:28	WG908700
1,3,5-Trimethylbenzene	408		10.0	10	09/21/2016 03:28	WG908700
Vinyl chloride	ND		10.0	10	09/21/2016 03:28	WG908700
Xylenes, Total	2330		30.0	10	09/21/2016 03:28	WG908700
(S) Toluene-d8	*103*		*90.0-115*		*09/21/2016 03:28*	WG908700
(S) Toluene-d8	*107*		*90.0-115*		*09/25/2016 16:47*	WG908700
(S) Dibromofluoromethane	*86.0*		*79.0-121*		*09/25/2016 16:47*	WG908700
(S) Dibromofluoromethane	*91.0*		*79.0-121*		*09/21/2016 03:28*	WG908700
(S) 4-Bromofluorobenzene	*108*		*80.1-120*		*09/21/2016 03:28*	WG908700
(S) 4-Bromofluorobenzene	*99.5*		*80.1-120*		*09/25/2016 16:47*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	51.0		5.00	1	09/19/2016 18:33	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/20/2016 20:22	WG908700
Acrolein	ND		50.0	1	09/20/2016 20:22	WG908700
Acrylonitrile	ND		10.0	1	09/20/2016 20:22	WG908700
Benzene	ND		1.00	1	09/20/2016 20:22	WG908700
Bromobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
Bromodichloromethane	ND		1.00	1	09/20/2016 20:22	WG908700
Bromoform	ND		1.00	1	09/20/2016 20:22	WG908700
Bromomethane	ND		5.00	1	09/20/2016 20:22	WG908700
n-Butylbenzene	13.2		1.00	1	09/20/2016 20:22	WG908700
sec-Butylbenzene	21.4		1.00	1	09/20/2016 20:22	WG908700
tert-Butylbenzene	ND		1.00	1	09/20/2016 20:22	WG908700
Carbon tetrachloride	ND		1.00	1	09/20/2016 20:22	WG908700
Chlorobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
Chlorodibromomethane	ND		1.00	1	09/20/2016 20:22	WG908700
Chloroethane	ND		5.00	1	09/20/2016 20:22	WG908700
2-Chloroethyl vinyl ether	ND		50.0	1	09/20/2016 20:22	WG908700
Chloroform	ND		5.00	1	09/20/2016 20:22	WG908700
Chloromethane	ND		2.50	1	09/20/2016 20:22	WG908700
2-Chlorotoluene	28.0		1.00	1	09/20/2016 20:22	WG908700
4-Chlorotoluene	ND		1.00	1	09/20/2016 20:22	WG908700
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/20/2016 20:22	WG908700
1,2-Dibromoethane	ND		1.00	1	09/20/2016 20:22	WG908700
Dibromomethane	ND		1.00	1	09/20/2016 20:22	WG908700
1,2-Dichlorobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
1,3-Dichlorobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
1,4-Dichlorobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
Dichlorodifluoromethane	ND		5.00	1	09/20/2016 20:22	WG908700
1,1-Dichloroethane	ND		1.00	1	09/20/2016 20:22	WG908700
1,2-Dichloroethane	ND		1.00	1	09/20/2016 20:22	WG908700
1,1-Dichloroethene	ND		1.00	1	09/20/2016 20:22	WG908700
cis-1,2-Dichloroethene	ND		1.00	1	09/20/2016 20:22	WG908700
trans-1,2-Dichloroethene	ND		1.00	1	09/20/2016 20:22	WG908700
1,2-Dichloropropane	ND		1.00	1	09/20/2016 20:22	WG908700
1,1-Dichloropropene	ND		1.00	1	09/20/2016 20:22	WG908700
1,3-Dichloropropane	ND		1.00	1	09/20/2016 20:22	WG908700
cis-1,3-Dichloropropene	ND		1.00	1	09/20/2016 20:22	WG908700
trans-1,3-Dichloropropene	ND		1.00	1	09/20/2016 20:22	WG908700
2,2-Dichloropropane	ND		1.00	1	09/20/2016 20:22	WG908700
Di-isopropyl ether	ND		1.00	1	09/20/2016 20:22	WG908700
Ethylbenzene	752		25.0	25	09/25/2016 16:59	WG908700
Hexachloro-1,3-butadiene	ND		1.00	1	09/20/2016 20:22	WG908700
Isopropylbenzene	125		1.00	1	09/20/2016 20:22	WG908700
p-Isopropyltoluene	4.78		1.00	1	09/20/2016 20:22	WG908700
2-Butanone (MEK)	ND		10.0	1	09/20/2016 20:22	WG908700
Methylene Chloride	ND		5.00	1	09/20/2016 20:22	WG908700
1-Methylnaphthalene	ND		250	25	09/25/2016 16:59	WG908700
2-Methylnaphthalene	89.8		10.0	1	09/20/2016 20:22	WG908700
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/20/2016 20:22	WG908700
Methyl tert-butyl ether	ND		1.00	1	09/20/2016 20:22	WG908700
Naphthalene	165		125	25	09/25/2016 16:59	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	193		25.0	25	09/25/2016 16:59	WG908700
Styrene	ND		1.00	1	09/20/2016 20:22	WG908700
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/20/2016 20:22	WG908700
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/20/2016 20:22	WG908700
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/20/2016 20:22	WG908700
Tetrachloroethene	ND		1.00	1	09/20/2016 20:22	WG908700
Toluene	ND		5.00	1	09/20/2016 20:22	WG908700
1,2,3-Trichlorobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
1,2,4-Trichlorobenzene	ND		1.00	1	09/20/2016 20:22	WG908700
1,1,1-Trichloroethane	ND		1.00	1	09/20/2016 20:22	WG908700
1,1,2-Trichloroethane	ND		1.00	1	09/20/2016 20:22	WG908700
Trichloroethene	ND		1.00	1	09/20/2016 20:22	WG908700
Trichlorofluoromethane	ND		5.00	1	09/20/2016 20:22	WG908700
1,2,3-Trichloropropane	ND		2.50	1	09/20/2016 20:22	WG908700
1,2,4-Trimethylbenzene	883		25.0	25	09/25/2016 16:59	WG908700
1,2,3-Trimethylbenzene	188		1.00	1	09/20/2016 20:22	WG908700
1,3,5-Trimethylbenzene	154		25.0	25	09/25/2016 16:59	WG908700
Vinyl chloride	ND		1.00	1	09/20/2016 20:22	WG908700
Xylenes, Total	515		75.0	25	09/25/2016 16:59	WG908700
(S) Toluene-d8	*107*		*90.0-115*		*09/25/2016 16:59*	WG908700
(S) Toluene-d8	*103*		*90.0-115*		*09/20/2016 20:22*	WG908700
(S) Dibromofluoromethane	*90.9*		*79.0-121*		*09/20/2016 20:22*	WG908700
(S) Dibromofluoromethane	*88.6*		*79.0-121*		*09/25/2016 16:59*	WG908700
(S) 4-Bromofluorobenzene	*100*		*80.1-120*		*09/25/2016 16:59*	WG908700
(S) 4-Bromofluorobenzene	*107*		*80.1-120*		*09/20/2016 20:22*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	59.9		5.00	1	09/19/2016 18:35	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/20/2016 23:31	WG908700
Acrolein	ND		50.0	1	09/20/2016 23:31	WG908700
Acrylonitrile	ND		10.0	1	09/20/2016 23:31	WG908700
Benzene	ND		1.00	1	09/20/2016 23:31	WG908700
Bromobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Bromodichloromethane	ND		1.00	1	09/20/2016 23:31	WG908700
Bromoform	ND		1.00	1	09/20/2016 23:31	WG908700
Bromomethane	ND		5.00	1	09/20/2016 23:31	WG908700
n-Butylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
sec-Butylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
tert-Butylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Carbon tetrachloride	ND		1.00	1	09/20/2016 23:31	WG908700
Chlorobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Chlorodibromomethane	ND		1.00	1	09/20/2016 23:31	WG908700
Chloroethane	ND		5.00	1	09/20/2016 23:31	WG908700
2-Chloroethyl vinyl ether	ND		50.0	1	09/20/2016 23:31	WG908700
Chloroform	ND		5.00	1	09/20/2016 23:31	WG908700
Chloromethane	ND		2.50	1	09/20/2016 23:31	WG908700
2-Chlorotoluene	ND		1.00	1	09/20/2016 23:31	WG908700
4-Chlorotoluene	ND		1.00	1	09/20/2016 23:31	WG908700
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/20/2016 23:31	WG908700
1,2-Dibromoethane	ND		1.00	1	09/20/2016 23:31	WG908700
Dibromomethane	ND		1.00	1	09/20/2016 23:31	WG908700
1,2-Dichlorobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
1,3-Dichlorobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
1,4-Dichlorobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Dichlorodifluoromethane	ND		5.00	1	09/20/2016 23:31	WG908700
1,1-Dichloroethane	ND		1.00	1	09/20/2016 23:31	WG908700
1,2-Dichloroethane	ND		1.00	1	09/20/2016 23:31	WG908700
1,1-Dichloroethene	ND		1.00	1	09/20/2016 23:31	WG908700
cis-1,2-Dichloroethene	ND		1.00	1	09/20/2016 23:31	WG908700
trans-1,2-Dichloroethene	ND		1.00	1	09/20/2016 23:31	WG908700
1,2-Dichloropropane	ND		1.00	1	09/20/2016 23:31	WG908700
1,1-Dichloropropene	ND		1.00	1	09/20/2016 23:31	WG908700
1,3-Dichloropropane	ND		1.00	1	09/20/2016 23:31	WG908700
cis-1,3-Dichloropropene	ND		1.00	1	09/20/2016 23:31	WG908700
trans-1,3-Dichloropropene	ND		1.00	1	09/20/2016 23:31	WG908700
2,2-Dichloropropane	ND		1.00	1	09/20/2016 23:31	WG908700
Di-isopropyl ether	ND		1.00	1	09/20/2016 23:31	WG908700
Ethylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Hexachloro-1,3-butadiene	ND		1.00	1	09/20/2016 23:31	WG908700
Isopropylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
p-Isopropyltoluene	ND		1.00	1	09/20/2016 23:31	WG908700
2-Butanone (MEK)	ND		10.0	1	09/20/2016 23:31	WG908700
Methylene Chloride	ND		5.00	1	09/20/2016 23:31	WG908700
1-Methylnaphthalene	ND		10.0	1	09/20/2016 23:31	WG908700
2-Methylnaphthalene	ND		10.0	1	09/20/2016 23:31	WG908700
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/20/2016 23:31	WG908700
Methyl tert-butyl ether	ND		1.00	1	09/20/2016 23:31	WG908700
Naphthalene	ND		5.00	1	09/20/2016 23:31	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Styrene	ND		1.00	1	09/20/2016 23:31	WG908700
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/20/2016 23:31	WG908700
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/20/2016 23:31	WG908700
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/20/2016 23:31	WG908700
Tetrachloroethene	ND		1.00	1	09/20/2016 23:31	WG908700
Toluene	ND		5.00	1	09/20/2016 23:31	WG908700
1,2,3-Trichlorobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
1,2,4-Trichlorobenzene	ND		1.00	1	09/20/2016 23:31	WG908700
1,1,1-Trichloroethane	ND		1.00	1	09/20/2016 23:31	WG908700
1,1,2-Trichloroethane	ND		1.00	1	09/20/2016 23:31	WG908700
Trichloroethene	ND		1.00	1	09/20/2016 23:31	WG908700
Trichlorofluoromethane	ND		5.00	1	09/20/2016 23:31	WG908700
1,2,3-Trichloropropane	ND		2.50	1	09/20/2016 23:31	WG908700
1,2,4-Trimethylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
1,2,3-Trimethylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
1,3,5-Trimethylbenzene	ND		1.00	1	09/20/2016 23:31	WG908700
Vinyl chloride	ND		1.00	1	09/20/2016 23:31	WG908700
Xylenes, Total	ND		3.00	1	09/20/2016 23:31	WG908700
(S) Toluene-d8	*104*		*90.0-115*		*09/20/2016 23:31*	WG908700
(S) Dibromofluoromethane	*92.3*		*79.0-121*		*09/20/2016 23:31*	WG908700
(S) 4-Bromofluorobenzene	*104*		*80.1-120*		*09/20/2016 23:31*	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	09/20/2016 23:55	WG908700
Acrolein	ND		50.0	1	09/20/2016 23:55	WG908700
Acrylonitrile	ND		10.0	1	09/20/2016 23:55	WG908700
Benzene	ND		1.00	1	09/20/2016 23:55	WG908700
Bromobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Bromodichloromethane	ND		1.00	1	09/20/2016 23:55	WG908700
Bromoform	ND		1.00	1	09/20/2016 23:55	WG908700
Bromomethane	ND		5.00	1	09/20/2016 23:55	WG908700
n-Butylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
sec-Butylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
tert-Butylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Carbon tetrachloride	ND		1.00	1	09/20/2016 23:55	WG908700
Chlorobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Chlorodibromomethane	ND		1.00	1	09/20/2016 23:55	WG908700
Chloroethane	ND		5.00	1	09/20/2016 23:55	WG908700
2-Chloroethyl vinyl ether	ND		50.0	1	09/20/2016 23:55	WG908700
Chloroform	ND		5.00	1	09/20/2016 23:55	WG908700
Chloromethane	ND		2.50	1	09/20/2016 23:55	WG908700
2-Chlorotoluene	ND		1.00	1	09/20/2016 23:55	WG908700
4-Chlorotoluene	ND		1.00	1	09/20/2016 23:55	WG908700
1,2-Dibromo-3-Chloropropane	ND		5.00	1	09/20/2016 23:55	WG908700
1,2-Dibromoethane	ND		1.00	1	09/20/2016 23:55	WG908700
Dibromomethane	ND		1.00	1	09/20/2016 23:55	WG908700
1,2-Dichlorobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
1,3-Dichlorobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
1,4-Dichlorobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Dichlorodifluoromethane	ND		5.00	1	09/20/2016 23:55	WG908700
1,1-Dichloroethane	ND		1.00	1	09/20/2016 23:55	WG908700
1,2-Dichloroethane	ND		1.00	1	09/20/2016 23:55	WG908700
1,1-Dichloroethene	ND		1.00	1	09/20/2016 23:55	WG908700
cis-1,2-Dichloroethene	ND		1.00	1	09/20/2016 23:55	WG908700
trans-1,2-Dichloroethene	ND		1.00	1	09/20/2016 23:55	WG908700
1,2-Dichloropropane	ND		1.00	1	09/20/2016 23:55	WG908700
1,1-Dichloropropene	ND		1.00	1	09/20/2016 23:55	WG908700
1,3-Dichloropropane	ND		1.00	1	09/20/2016 23:55	WG908700
cis-1,3-Dichloropropene	ND		1.00	1	09/20/2016 23:55	WG908700
trans-1,3-Dichloropropene	ND		1.00	1	09/20/2016 23:55	WG908700
2,2-Dichloropropane	ND		1.00	1	09/20/2016 23:55	WG908700
Di-isopropyl ether	ND		1.00	1	09/20/2016 23:55	WG908700
Ethylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Hexachloro-1,3-butadiene	ND		1.00	1	09/20/2016 23:55	WG908700
Isopropylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
p-Isopropyltoluene	ND		1.00	1	09/20/2016 23:55	WG908700
2-Butanone (MEK)	ND		10.0	1	09/20/2016 23:55	WG908700
Methylene Chloride	ND		5.00	1	09/20/2016 23:55	WG908700
1-Methylnaphthalene	ND		10.0	1	09/20/2016 23:55	WG908700
2-Methylnaphthalene	ND		10.0	1	09/20/2016 23:55	WG908700
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	09/20/2016 23:55	WG908700
Methyl tert-butyl ether	ND		1.00	1	09/20/2016 23:55	WG908700
Naphthalene	ND		5.00	1	09/20/2016 23:55	WG908700
n-Propylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Styrene	ND		1.00	1	09/20/2016 23:55	WG908700
1,1,1,2-Tetrachloroethane	ND		1.00	1	09/20/2016 23:55	WG908700
1,1,2,2-Tetrachloroethane	ND		1.00	1	09/20/2016 23:55	WG908700
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	09/20/2016 23:55	WG908700
Tetrachloroethene	ND		1.00	1	09/20/2016 23:55	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Toluene	ND		5.00	1	09/20/2016 23:55	WG908700
1,2,3-Trichlorobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
1,2,4-Trichlorobenzene	ND		1.00	1	09/20/2016 23:55	WG908700
1,1,1-Trichloroethane	ND		1.00	1	09/20/2016 23:55	WG908700
1,1,2-Trichloroethane	ND		1.00	1	09/20/2016 23:55	WG908700
Trichloroethene	ND		1.00	1	09/20/2016 23:55	WG908700
Trichlorofluoromethane	ND		5.00	1	09/20/2016 23:55	WG908700
1,2,3-Trichloropropane	ND		2.50	1	09/20/2016 23:55	WG908700
1,2,4-Trimethylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
1,2,3-Trimethylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
1,3,5-Trimethylbenzene	ND		1.00	1	09/20/2016 23:55	WG908700
Vinyl chloride	ND		1.00	1	09/20/2016 23:55	WG908700
Xylenes, Total	ND		3.00	1	09/20/2016 23:55	WG908700
(S) Toluene-d8	*105*		*90.0-115*		*09/20/2016 23:55*	WG908700
(S) Dibromofluoromethane	*90.3*		*79.0-121*		*09/20/2016 23:55*	WG908700
(S) 4-Bromofluorobenzene	*104*		*80.1-120*		*09/20/2016 23:55*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	49.5		5.00	1	09/19/2016 18:38	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		500	10	09/21/2016 03:52	WG908700
Acrolein	ND		500	10	09/21/2016 03:52	WG908700
Acrylonitrile	ND		100	10	09/21/2016 03:52	WG908700
Benzene	60.7		10.0	10	09/21/2016 03:52	WG908700
Bromobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
Bromodichloromethane	ND		10.0	10	09/21/2016 03:52	WG908700
Bromoform	ND		10.0	10	09/21/2016 03:52	WG908700
Bromomethane	ND		50.0	10	09/21/2016 03:52	WG908700
n-Butylbenzene	41.9		10.0	10	09/21/2016 03:52	WG908700
sec-Butylbenzene	26.4		10.0	10	09/21/2016 03:52	WG908700
tert-Butylbenzene	ND		10.0	10	09/21/2016 03:52	WG908700
Carbon tetrachloride	ND		10.0	10	09/21/2016 03:52	WG908700
Chlorobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
Chlorodibromomethane	ND		10.0	10	09/21/2016 03:52	WG908700
Chloroethane	ND		50.0	10	09/21/2016 03:52	WG908700
2-Chloroethyl vinyl ether	ND		500	10	09/21/2016 03:52	WG908700
Chloroform	ND		50.0	10	09/21/2016 03:52	WG908700
Chloromethane	ND		25.0	10	09/21/2016 03:52	WG908700
2-Chlorotoluene	ND		10.0	10	09/21/2016 03:52	WG908700
4-Chlorotoluene	ND		10.0	10	09/21/2016 03:52	WG908700
1,2-Dibromo-3-Chloropropane	ND		50.0	10	09/21/2016 03:52	WG908700
1,2-Dibromoethane	ND		10.0	10	09/21/2016 03:52	WG908700
Dibromomethane	ND		10.0	10	09/21/2016 03:52	WG908700
1,2-Dichlorobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
1,3-Dichlorobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
1,4-Dichlorobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
Dichlorodifluoromethane	ND		50.0	10	09/21/2016 03:52	WG908700
1,1-Dichloroethane	ND		10.0	10	09/21/2016 03:52	WG908700
1,2-Dichloroethane	ND		10.0	10	09/21/2016 03:52	WG908700
1,1-Dichloroethene	ND		10.0	10	09/21/2016 03:52	WG908700
cis-1,2-Dichloroethene	ND		10.0	10	09/21/2016 03:52	WG908700
trans-1,2-Dichloroethene	ND		10.0	10	09/21/2016 03:52	WG908700
1,2-Dichloropropane	ND		10.0	10	09/21/2016 03:52	WG908700
1,1-Dichloropropene	ND		10.0	10	09/21/2016 03:52	WG908700
1,3-Dichloropropane	ND		10.0	10	09/21/2016 03:52	WG908700
cis-1,3-Dichloropropene	ND		10.0	10	09/21/2016 03:52	WG908700
trans-1,3-Dichloropropene	ND		10.0	10	09/21/2016 03:52	WG908700
2,2-Dichloropropane	ND		10.0	10	09/21/2016 03:52	WG908700
Di-isopropyl ether	ND		10.0	10	09/21/2016 03:52	WG908700
Ethylbenzene	1970		10.0	10	09/21/2016 03:52	WG908700
Hexachloro-1,3-butadiene	ND		10.0	10	09/21/2016 03:52	WG908700
Isopropylbenzene	156		10.0	10	09/21/2016 03:52	WG908700
p-Isopropyltoluene	ND		10.0	10	09/21/2016 03:52	WG908700
2-Butanone (MEK)	ND		100	10	09/21/2016 03:52	WG908700
Methylene Chloride	ND		50.0	10	09/21/2016 03:52	WG908700
1-Methylnaphthalene	ND		100	10	09/21/2016 03:52	WG908700
2-Methylnaphthalene	ND		100	10	09/21/2016 03:52	WG908700
4-Methyl-2-pentanone (MIBK)	ND		100	10	09/21/2016 03:52	WG908700
Methyl tert-butyl ether	ND		10.0	10	09/21/2016 03:52	WG908700
Naphthalene	436		50.0	10	09/21/2016 03:52	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	496		10.0	10	09/21/2016 03:52	WG908700
Styrene	ND		10.0	10	09/21/2016 03:52	WG908700
1,1,1,2-Tetrachloroethane	ND		10.0	10	09/21/2016 03:52	WG908700
1,1,2,2-Tetrachloroethane	ND		10.0	10	09/21/2016 03:52	WG908700
1,1,2-Trichlorotrifluoroethane	ND		10.0	10	09/21/2016 03:52	WG908700
Tetrachloroethene	ND		10.0	10	09/21/2016 03:52	WG908700
Toluene	ND		50.0	10	09/21/2016 03:52	WG908700
1,2,3-Trichlorobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
1,2,4-Trichlorobenzene	ND		10.0	10	09/21/2016 03:52	WG908700
1,1,1-Trichloroethane	ND		10.0	10	09/21/2016 03:52	WG908700
1,1,2-Trichloroethane	ND		10.0	10	09/21/2016 03:52	WG908700
Trichloroethene	ND		10.0	10	09/21/2016 03:52	WG908700
Trichlorofluoromethane	ND		50.0	10	09/21/2016 03:52	WG908700
1,2,3-Trichloropropane	ND		25.0	10	09/21/2016 03:52	WG908700
1,2,4-Trimethylbenzene	1470		100	100	09/25/2016 17:11	WG908700
1,2,3-Trimethylbenzene	165		10.0	10	09/21/2016 03:52	WG908700
1,3,5-Trimethylbenzene	957		10.0	10	09/21/2016 03:52	WG908700
Vinyl chloride	ND		10.0	10	09/21/2016 03:52	WG908700
Xylenes, Total	3920		30.0	10	09/21/2016 03:52	WG908700
(S) Toluene-d8	*104*		*90.0-115*		*09/21/2016 03:52*	WG908700
(S) Toluene-d8	*107*		*90.0-115*		*09/25/2016 17:11*	WG908700
(S) Dibromofluoromethane	*87.5*		*79.0-121*		*09/25/2016 17:11*	WG908700
(S) Dibromofluoromethane	*91.5*		*79.0-121*		*09/21/2016 03:52*	WG908700
(S) 4-Bromofluorobenzene	*106*		*80.1-120*		*09/21/2016 03:52*	WG908700
(S) 4-Bromofluorobenzene	*98.2*		*80.1-120*		*09/25/2016 17:11*	WG908700

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Lead	168		5.00	1	09/19/2016 18:41	WG908244

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		2500	50	09/21/2016 04:16	WG908700
Acrolein	ND	J5	2500	50	09/21/2016 04:16	WG908700
Acrylonitrile	ND		500	50	09/21/2016 04:16	WG908700
Benzene	497		50.0	50	09/21/2016 04:16	WG908700
Bromobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
Bromodichloromethane	ND		50.0	50	09/21/2016 04:16	WG908700
Bromoform	ND		50.0	50	09/21/2016 04:16	WG908700
Bromomethane	ND		250	50	09/21/2016 04:16	WG908700
n-Butylbenzene	ND		50.0	50	09/21/2016 04:16	WG908700
sec-Butylbenzene	ND		50.0	50	09/21/2016 04:16	WG908700
tert-Butylbenzene	ND		50.0	50	09/21/2016 04:16	WG908700
Carbon tetrachloride	ND		50.0	50	09/21/2016 04:16	WG908700
Chlorobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
Chlorodibromomethane	ND		50.0	50	09/21/2016 04:16	WG908700
Chloroethane	ND		250	50	09/21/2016 04:16	WG908700
2-Chloroethyl vinyl ether	ND		2500	50	09/21/2016 04:16	WG908700
Chloroform	ND		250	50	09/21/2016 04:16	WG908700
Chloromethane	ND		125	50	09/21/2016 04:16	WG908700
2-Chlorotoluene	ND		50.0	50	09/21/2016 04:16	WG908700
4-Chlorotoluene	ND		50.0	50	09/21/2016 04:16	WG908700
1,2-Dibromo-3-Chloropropane	ND		250	50	09/21/2016 04:16	WG908700
1,2-Dibromoethane	ND		50.0	50	09/21/2016 04:16	WG908700
Dibromomethane	ND		50.0	50	09/21/2016 04:16	WG908700
1,2-Dichlorobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
1,3-Dichlorobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
1,4-Dichlorobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
Dichlorodifluoromethane	ND		250	50	09/21/2016 04:16	WG908700
1,1-Dichloroethane	ND		50.0	50	09/21/2016 04:16	WG908700
1,2-Dichloroethane	ND		50.0	50	09/21/2016 04:16	WG908700
1,1-Dichloroethene	ND		50.0	50	09/21/2016 04:16	WG908700
cis-1,2-Dichloroethene	ND		50.0	50	09/21/2016 04:16	WG908700
trans-1,2-Dichloroethene	ND		50.0	50	09/21/2016 04:16	WG908700
1,2-Dichloropropane	ND		50.0	50	09/21/2016 04:16	WG908700
1,1-Dichloropropene	ND		50.0	50	09/21/2016 04:16	WG908700
1,3-Dichloropropane	ND		50.0	50	09/21/2016 04:16	WG908700
cis-1,3-Dichloropropene	ND		50.0	50	09/21/2016 04:16	WG908700
trans-1,3-Dichloropropene	ND		50.0	50	09/21/2016 04:16	WG908700
2,2-Dichloropropane	ND		50.0	50	09/21/2016 04:16	WG908700
Di-isopropyl ether	ND		50.0	50	09/21/2016 04:16	WG908700
Ethylbenzene	7040	V	50.0	50	09/21/2016 04:16	WG908700
Hexachloro-1,3-butadiene	ND		50.0	50	09/21/2016 04:16	WG908700
Isopropylbenzene	203		50.0	50	09/21/2016 04:16	WG908700
p-Isopropyltoluene	ND		50.0	50	09/21/2016 04:16	WG908700
2-Butanone (MEK)	ND		500	50	09/21/2016 04:16	WG908700
Methylene Chloride	ND		250	50	09/21/2016 04:16	WG908700
1-Methylnaphthalene	ND		500	50	09/21/2016 04:16	WG908700
2-Methylnaphthalene	ND		500	50	09/21/2016 04:16	WG908700
4-Methyl-2-pentanone (MIBK)	ND		500	50	09/21/2016 04:16	WG908700
Methyl tert-butyl ether	ND		50.0	50	09/21/2016 04:16	WG908700
Naphthalene	704		250	50	09/21/2016 04:16	WG908700

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

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
n-Propylbenzene	530		50.0	50	09/21/2016 04:16	WG908700
Styrene	ND		50.0	50	09/21/2016 04:16	WG908700
1,1,1,2-Tetrachloroethane	ND		50.0	50	09/21/2016 04:16	WG908700
1,1,2,2-Tetrachloroethane	ND		50.0	50	09/21/2016 04:16	WG908700
1,1,2-Trichlorotrifluoroethane	ND		50.0	50	09/21/2016 04:16	WG908700
Tetrachloroethene	ND		50.0	50	09/21/2016 04:16	WG908700
Toluene	256		250	50	09/21/2016 04:16	WG908700
1,2,3-Trichlorobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
1,2,4-Trichlorobenzene	ND		50.0	50	09/21/2016 04:16	WG908700
1,1,1-Trichloroethane	ND		50.0	50	09/21/2016 04:16	WG908700
1,1,2-Trichloroethane	ND		50.0	50	09/21/2016 04:16	WG908700
Trichloroethene	ND		50.0	50	09/21/2016 04:16	WG908700
Trichlorofluoromethane	ND		250	50	09/21/2016 04:16	WG908700
1,2,3-Trichloropropane	ND		125	50	09/21/2016 04:16	WG908700
1,2,4-Trimethylbenzene	4210		50.0	50	09/21/2016 04:16	WG908700
1,2,3-Trimethylbenzene	998		50.0	50	09/21/2016 04:16	WG908700
1,3,5-Trimethylbenzene	838		50.0	50	09/21/2016 04:16	WG908700
Vinyl chloride	ND		50.0	50	09/21/2016 04:16	WG908700
Xylenes, Total	23800	V	150	50	09/21/2016 04:16	WG908700
(S) Toluene-d8	*104*		*90.0-115*		*09/21/2016 04:16*	WG908700
(S) Dibromofluoromethane	*90.7*		*79.0-121*		*09/21/2016 04:16*	WG908700
(S) 4-Bromofluorobenzene	*111*		*80.1-120*		*09/21/2016 04:16*	WG908700

Volatile Organic Compounds (GC) by Method 8021

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Benzene	ND		0.500	1	09/20/2016 13:23	WG908738
Toluene	ND		5.00	1	09/20/2016 13:23	WG908738
Ethylbenzene	ND		0.500	1	09/20/2016 13:23	WG908738
Total Xylene	ND		1.50	1	09/20/2016 13:23	WG908738
Methyl tert-butyl ether	ND		1.00	1	09/20/2016 13:23	WG908738
(S) a,a,a-Trifluorotoluene(PID)	*109*		*55.0-122*		*09/20/2016 13:23*	WG908738

QUALITY CONTROL SUMMARY

L859389-01,02,03,04,05,06,07,08,09,10,11,12,13,15,16

Method Blank (MB)

(MB) R3164612-1 09/19/16 17:34

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Lead	U		1.90	5.00

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

(LCS) R3164612-2 09/19/16 17:36 • (LCSD) R3164612-3 09/19/16 17:39

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 %
Lead	1000	1040	1030	104	103	80-120			1	20

L859473-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L859473-04 09/19/16 17:41 • (MS) R3164612-5 09/19/16 17:47 • (MSD) R3164612-6 09/19/16 17:49

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 %
Lead	1000	5.53	1020	1030	101	102	1	75-125			1	20

Method Blank (MB)

(MB) R3165411-3 09/20/16 12:26

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Benzene	U		0.190	0.500
Toluene	U		0.180	5.00
Ethylbenzene	U		0.160	0.500
Total Xylene	U		0.510	1.50
Methyl tert-butyl ether	U		0.340	1.00
(S) a,a,a-Trifluorotoluene(PID)	*109*			*55.0-122*

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

(LCS) R3165411-1 09/20/16 11:24 • (LCSD) R3165411-2 09/20/16 11:44

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 %
Benzene	50.0	54.6	54.8	109	110	70.0-130			0.470	20
Toluene	50.0	55.8	55.8	112	112	70.0-130			0.0400	20
Ethylbenzene	50.0	54.0	54.0	108	108	70.0-130			0.120	20
Total Xylene	150	171	171	114	114	70.0-130			0.170	20
Methyl tert-butyl ether	50.0	58.7	60.1	117	120	70.0-130			2.32	20
(S) a,a,a-Trifluorotoluene(PID)				*112*	*111*	*55.0-122*				

L859571-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L859571-03 09/20/16 14:05 • (MS) R3165411-4 09/20/16 14:26 • (MSD) R3165411-5 09/20/16 14:47

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 %
Benzene	50.0	ND	46.6	46.0	93.1	92.1	1	57.2-131			1.11	20
Toluene	50.0	ND	48.3	47.9	96.2	95.3	1	63.7-134			0.980	20
Ethylbenzene	50.0	ND	48.3	47.9	96.5	95.8	1	67.5-135			0.720	20
Total Xylene	150	ND	151	150	99.9	99.3	1	65.9-138			0.650	20
Methyl tert-butyl ether	50.0	79.3	124	121	90.2	83.0	1	52.4-137			2.94	20
(S) a,a,a-Trifluorotoluene(PID)					*112*	*112*		*55.0-122*				

Method Blank (MB)

(MB) R3165461-3 09/19/16 06:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Acrolein	U		8.87	50.0
Acrylonitrile	U		1.87	10.0
Benzene	U		0.331	1.00
Bromobenzene	U		0.352	1.00
Bromodichloromethane	U		0.380	1.00
Bromoform	U		0.469	1.00
Bromomethane	1.02	J	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 tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
2-Chloroethyl vinyl ether	U		3.01	50.0
Chloroform	U		0.324	5.00
Chloromethane	0.696	J	0.276	2.50
2-Chlorotoluene	U		0.375	1.00
4-Chlorotoluene	U		0.351	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
Dibromomethane	U		0.346	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
1,1-Dichloropropene	U		0.352	1.00
1,3-Dichloropropane	U		0.366	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
2,2-Dichloropropane	U		0.321	1.00
Di-isopropyl ether	U		0.320	1.00
Ethylbenzene	U		0.384	1.00

Method Blank (MB)

(MB) R3165461-3 09/19/16 06:31

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	0.478	J	0.256	1.00
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0
Methyl tert-butyl ether	U		0.367	1.00
1-Methylnaphthalene	U		5.03	10.0
2-Methylnaphthalene	U		3.30	10.0
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,1,2-Tetrachloroethane	U		0.385	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.780	5.00
1,1,2-Trichlorotrifluoroethane	U		0.303	1.00
1,2,3-Trichlorobenzene	0.489	J	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
1,2,3-Trichloropropane	U		0.807	2.50
1,2,3-Trimethylbenzene	U		0.321	1.00
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
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*103*			*90.0-115*
(S) Dibromofluoromethane	*94.6*			*79.0-121*
(S) 4-Bromofluorobenzene	*95.7*			*80.1-120*

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

(LCS) R3165461-1 09/19/16 05:25 • (LCSD) R3165461-2 09/19/16 05:47

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 %
Acetone	125	149	149	119	119	28.7-175			0.130	20.9
Acrolein	125	240	239	192	191	40.4-172	J4	J4	0.540	20
Acrylonitrile	125	149	150	119	120	58.2-145			1.07	20
Benzene	25.0	24.2	25.3	96.6	101	73.0-122			4.67	20
Bromobenzene	25.0	23.9	25.0	95.8	99.8	81.5-115			4.17	20
Bromodichloromethane	25.0	24.4	25.4	97.5	102	75.5-121			4.03	20
Bromoform	25.0	26.7	27.5	107	110	71.5-131			3.20	20
Bromomethane	25.0	35.1	37.6	140	150	22.4-187			6.89	20
n-Butylbenzene	25.0	24.0	25.7	96.1	103	75.9-134			6.57	20
sec-Butylbenzene	25.0	23.6	24.8	94.6	99.4	80.6-126			4.91	20
tert-Butylbenzene	25.0	24.5	25.5	97.8	102	79.3-127			4.25	20
Carbon tetrachloride	25.0	22.7	24.0	90.8	96.0	70.9-129			5.54	20
Chlorobenzene	25.0	25.5	26.5	102	106	79.7-122			3.81	20
Chlorodibromomethane	25.0	26.9	27.7	108	111	78.2-124			2.84	20
Chloroethane	25.0	24.1	24.9	96.4	99.7	41.2-153			3.45	20
2-Chloroethyl vinyl ether	125	145	148	116	119	23.4-162			2.60	23.5
Chloroform	25.0	24.3	25.1	97.0	100	73.2-125			3.45	20
Chloromethane	25.0	23.0	24.2	92.0	96.9	55.8-134			5.25	20
2-Chlorotoluene	25.0	24.7	25.7	98.9	103	76.4-125			3.66	20
4-Chlorotoluene	25.0	23.9	24.9	95.7	99.7	81.5-121			4.06	20
1,2-Dibromo-3-Chloropropane	25.0	26.0	26.4	104	106	64.8-131			1.52	20
1,2-Dibromoethane	25.0	25.7	25.9	103	104	79.8-122			0.800	20
Dibromomethane	25.0	24.6	25.4	98.3	102	79.5-118			3.29	20
1,2-Dichlorobenzene	25.0	24.7	25.8	98.9	103	84.7-118			4.20	20
1,3-Dichlorobenzene	25.0	23.1	24.3	92.3	97.2	77.6-127			5.19	20
1,4-Dichlorobenzene	25.0	23.5	24.7	93.9	99.0	82.2-114			5.25	20
Dichlorodifluoromethane	25.0	24.5	24.9	98.0	99.6	56.0-134			1.63	20
1,1-Dichloroethane	25.0	24.6	25.8	98.4	103	71.7-127			4.87	20
1,2-Dichloroethane	25.0	23.7	24.3	94.9	97.2	65.3-126			2.42	20
1,1-Dichloroethene	25.0	24.8	25.5	99.2	102	59.9-137			2.83	20
cis-1,2-Dichloroethene	25.0	24.7	24.6	98.7	98.5	77.3-122			0.190	20
trans-1,2-Dichloroethene	25.0	24.5	25.4	98.0	102	72.6-125			3.60	20
1,2-Dichloropropane	25.0	26.4	27.5	106	110	77.4-125			3.95	20
1,1-Dichloropropene	25.0	25.6	26.4	102	106	72.5-127			3.27	20
1,3-Dichloropropane	25.0	25.8	26.4	103	106	80.6-115			2.32	20
cis-1,3-Dichloropropene	25.0	27.4	28.3	109	113	77.7-124			3.42	20
trans-1,3-Dichloropropene	25.0	24.2	24.9	96.6	99.7	73.5-127			3.10	20
2,2-Dichloropropane	25.0	22.8	23.3	91.1	93.1	61.3-134			2.23	20
Di-isopropyl ether	25.0	25.6	26.3	102	105	65.1-135			2.87	20
Ethylbenzene	25.0	25.1	25.8	100	103	80.9-121			2.78	20

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

(LCS) R3165461-1 09/19/16 05:25 • (LCSD) R3165461-2 09/19/16 05:47

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 %
Hexachloro-1,3-butadiene	25.0	22.6	24.5	90.2	98.1	73.7-133			8.37	20
Isopropylbenzene	25.0	24.2	25.2	96.8	101	81.6-124			4.26	20
p-Isopropyltoluene	25.0	24.3	25.2	97.4	101	77.6-129			3.65	20
2-Butanone (MEK)	125	154	155	123	124	46.4-155			0.680	20
Methylene Chloride	25.0	24.7	25.1	98.7	100	69.5-120			1.74	20
4-Methyl-2-pentanone (MIBK)	125	154	155	123	124	63.3-138			1.20	20
Methyl tert-butyl ether	25.0	24.4	25.1	97.5	100	70.1-125			2.86	20
1-Methylnaphthalene	25.0	19.1	19.8	76.4	79.1	48.8-157			3.46	20
2-Methylnaphthalene	25.0	19.2	19.1	76.7	76.3	55.6-154			0.500	20
Naphthalene	25.0	22.5	23.3	89.9	93.3	69.7-134			3.78	20
n-Propylbenzene	25.0	24.5	25.5	98.1	102	81.9-122			3.98	20
Styrene	25.0	26.0	26.4	104	105	79.9-124			1.22	20
1,1,1,2-Tetrachloroethane	25.0	24.6	25.2	98.3	101	78.5-125			2.71	20
1,1,2,2-Tetrachloroethane	25.0	24.6	25.1	98.3	100	79.3-123			2.04	20
Tetrachloroethene	25.0	25.1	26.5	101	106	73.5-130			5.41	20
Toluene	25.0	25.1	26.0	101	104	77.9-116			3.50	20
1,1,2-Trichlorotrifluoroethane	25.0	24.9	25.4	99.4	102	62.0-141			2.07	20
1,2,3-Trichlorobenzene	25.0	21.7	22.7	86.6	91.0	75.7-134			4.89	20
1,2,4-Trichlorobenzene	25.0	23.7	24.9	94.8	99.4	76.1-136			4.76	20
1,1,1-Trichloroethane	25.0	23.7	24.3	94.7	97.3	71.1-129			2.68	20
1,1,2-Trichloroethane	25.0	24.5	25.3	97.8	101	81.6-120			3.57	20
Trichloroethene	25.0	26.1	27.1	105	108	79.5-121			3.69	20
Trichlorofluoromethane	25.0	23.9	24.3	95.5	97.3	49.1-157			1.90	20
1,2,3-Trichloropropane	25.0	26.7	27.1	107	108	74.9-124			1.32	20
1,2,3-Trimethylbenzene	25.0	23.5	24.7	94.1	98.9	79.9-118			5.00	20
1,2,4-Trimethylbenzene	25.0	24.0	25.0	95.9	100	79.0-122			4.30	20
1,3,5-Trimethylbenzene	25.0	24.1	25.3	96.4	101	81.0-123			4.74	20
Vinyl chloride	25.0	26.3	26.9	105	108	61.5-134			2.50	20
Xylenes, Total	75.0	75.7	78.4	101	105	79.2-122			3.54	20
(S) Toluene-d8				*104*	*104*	*90.0-115*				
(S) Dibromofluoromethane				*96.1*	*96.2*	*79.0-121*				
(S) 4-Bromofluorobenzene				*98.8*	*99.3*	*80.1-120*				

Method Blank (MB)

(MB) R3164770-3 09/20/16 11:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Acrolein	U		8.87	50.0
Acrylonitrile	U		1.87	10.0
Benzene	U		0.331	1.00
Bromobenzene	U		0.352	1.00
Bromodichloromethane	U		0.380	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 tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
2-Chloroethyl vinyl ether	U		3.01	50.0
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
2-Chlorotoluene	U		0.375	1.00
4-Chlorotoluene	U		0.351	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
Dibromomethane	U		0.346	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
1,1-Dichloropropene	U		0.352	1.00
1,3-Dichloropropane	U		0.366	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
2,2-Dichloropropane	U		0.321	1.00
Di-isopropyl ether	U		0.320	1.00
Ethylbenzene	U		0.384	1.00

Method Blank (MB)

(MB) R3164770-3 09/20/16 11:04

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.256	1.00
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0
Methyl tert-butyl ether	U		0.367	1.00
1-Methylnaphthalene	U		5.03	10.0
2-Methylnaphthalene	U		3.30	10.0
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,1,2-Tetrachloroethane	U		0.385	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.780	5.00
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
1,2,3-Trichloropropane	U		0.807	2.50
1,2,3-Trimethylbenzene	U		0.321	1.00
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
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*104*			*90.0-115*
(S) Dibromofluoromethane	*91.7*			*79.0-121*
(S) 4-Bromofluorobenzene	*104*			*80.1-120*

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

(LCS) R3164770-1 09/20/16 09:29 • (LCSD) R3164770-2 09/20/16 09:53

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 %
Acetone	125	138	147	110	118	28.7-175			6.73	20.9
Acrolein	125	192	197	154	157	40.4-172			2.27	20
Acrylonitrile	125	129	132	104	105	58.2-145			1.72	20
Benzene	25.0	24.2	24.9	96.8	99.6	73.0-122			2.85	20
Bromobenzene	25.0	25.7	26.4	103	106	81.5-115			2.67	20
Bromodichloromethane	25.0	26.4	26.9	105	108	75.5-121			2.07	20
Bromoform	25.0	26.4	27.3	106	109	71.5-131			3.34	20
Bromomethane	25.0	19.9	19.1	79.5	76.3	22.4-187			4.02	20
n-Butylbenzene	25.0	27.1	27.3	108	109	75.9-134			0.820	20
sec-Butylbenzene	25.0	26.4	26.3	105	105	80.6-126			0.100	20
tert-Butylbenzene	25.0	26.4	26.5	106	106	79.3-127			0.520	20
Carbon tetrachloride	25.0	23.3	24.1	93.0	96.5	70.9-129			3.63	20
Chlorobenzene	25.0	26.8	26.9	107	108	79.7-122			0.260	20
Chlorodibromomethane	25.0	26.6	26.7	106	107	78.2-124			0.570	20
Chloroethane	25.0	23.2	23.5	92.9	93.8	41.2-153			1.00	20
2-Chloroethyl vinyl ether	125	147	147	117	117	23.4-162			0.140	23.5
Chloroform	25.0	23.7	24.1	94.8	96.4	73.2-125			1.75	20
Chloromethane	25.0	23.1	23.7	92.4	94.9	55.8-134			2.69	20
2-Chlorotoluene	25.0	26.4	26.4	106	105	76.4-125			0.0800	20
4-Chlorotoluene	25.0	26.8	26.8	107	107	81.5-121			0.0100	20
1,2-Dibromo-3-Chloropropane	25.0	27.4	27.1	110	109	64.8-131			0.930	20
1,2-Dibromoethane	25.0	27.3	27.7	109	111	79.8-122			1.74	20
Dibromomethane	25.0	26.5	27.2	106	109	79.5-118			2.86	20
1,2-Dichlorobenzene	25.0	27.0	27.1	108	109	84.7-118			0.700	20
1,3-Dichlorobenzene	25.0	25.6	26.2	103	105	77.6-127			2.13	20
1,4-Dichlorobenzene	25.0	25.2	25.4	101	102	82.2-114			0.680	20
Dichlorodifluoromethane	25.0	29.4	30.6	118	122	56.0-134			3.95	20
1,1-Dichloroethane	25.0	24.8	25.0	99.2	100	71.7-127			0.960	20
1,2-Dichloroethane	25.0	24.5	24.8	97.9	99.1	65.3-126			1.18	20
1,1-Dichloroethene	25.0	24.0	24.4	95.8	97.8	59.9-137			1.99	20
cis-1,2-Dichloroethene	25.0	24.8	24.0	99.3	95.8	77.3-122			3.56	20
trans-1,2-Dichloroethene	25.0	25.3	25.9	101	104	72.6-125			2.56	20
1,2-Dichloropropane	25.0	26.7	26.9	107	108	77.4-125			0.850	20
1,1-Dichloropropene	25.0	25.9	26.5	104	106	72.5-127			2.23	20
1,3-Dichloropropane	25.0	26.8	27.0	107	108	80.6-115			0.660	20
cis-1,3-Dichloropropene	25.0	27.2	27.6	109	111	77.7-124			1.57	20
trans-1,3-Dichloropropene	25.0	28.7	29.0	115	116	73.5-127			0.940	20
2,2-Dichloropropane	25.0	24.0	24.7	96.2	99.0	61.3-134			2.89	20
Di-isopropyl ether	25.0	24.3	25.1	97.2	100	65.1-135			3.15	20
Ethylbenzene	25.0	26.3	26.7	105	107	80.9-121			1.73	20

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

(LCS) R3164770-1 09/20/16 09:29 • (LCSD) R3164770-2 09/20/16 09:53

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 %
Hexachloro-1,3-butadiene	25.0	25.6	25.9	102	104	73.7-133			1.23	20
Isopropylbenzene	25.0	26.3	26.4	105	106	81.6-124			0.420	20
p-Isopropyltoluene	25.0	27.3	27.5	109	110	77.6-129			0.960	20
2-Butanone (MEK)	125	141	148	113	118	46.4-155			4.72	20
Methylene Chloride	25.0	22.6	23.5	90.2	93.9	69.5-120			4.00	20
4-Methyl-2-pentanone (MIBK)	125	128	128	102	102	63.3-138			0.220	20
Methyl tert-butyl ether	25.0	23.8	24.5	95.4	98.1	70.1-125			2.83	20
1-Methylnaphthalene	25.0	26.5	27.3	106	109	48.8-157			3.15	20
2-Methylnaphthalene	25.0	25.2	26.8	101	107	55.6-154			6.04	20
Naphthalene	25.0	27.5	27.6	110	110	69.7-134			0.270	20
n-Propylbenzene	25.0	26.7	27.0	107	108	81.9-122			0.810	20
Styrene	25.0	27.3	28.4	109	114	79.9-124			4.02	20
1,1,1,2-Tetrachloroethane	25.0	27.0	27.5	108	110	78.5-125			1.94	20
1,1,2,2-Tetrachloroethane	25.0	25.7	26.0	103	104	79.3-123			1.29	20
Tetrachloroethene	25.0	26.7	26.9	107	108	73.5-130			0.930	20
Toluene	25.0	25.6	25.6	103	103	77.9-116			0.0200	20
1,1,2-Trichlorotrifluoroethane	25.0	24.9	26.5	99.5	106	62.0-141			6.48	20
1,2,3-Trichlorobenzene	25.0	27.2	27.7	109	111	75.7-134			1.91	20
1,2,4-Trichlorobenzene	25.0	26.6	27.2	106	109	76.1-136			2.22	20
1,1,1-Trichloroethane	25.0	24.5	25.2	98.1	101	71.1-129			2.59	20
1,1,2-Trichloroethane	25.0	25.6	26.1	102	104	81.6-120			1.95	20
Trichloroethene	25.0	26.6	26.8	106	107	79.5-121			0.820	20
Trichlorofluoromethane	25.0	25.1	25.7	101	103	49.1-157			2.23	20
1,2,3-Trichloropropane	25.0	26.9	26.7	107	107	74.9-124			0.510	20
1,2,3-Trimethylbenzene	25.0	26.0	26.5	104	106	79.9-118			1.86	20
1,2,4-Trimethylbenzene	25.0	26.3	26.8	105	107	79.0-122			1.81	20
1,3,5-Trimethylbenzene	25.0	25.7	26.2	103	105	81.0-123			1.98	20
Vinyl chloride	25.0	24.8	25.7	99.2	103	61.5-134			3.45	20
Xylenes, Total	75.0	77.8	78.3	104	104	79.2-122			0.580	20
(S) Toluene-d8				*101*	*100*	*90.0-115*				
(S) Dibromofluoromethane				*91.6*	*91.4*	*79.0-121*				
(S) 4-Bromofluorobenzene				*104*	*103*	*80.1-120*				

L859389-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L859389-16 09/21/16 04:16 • (MS) R3164770-4 09/20/16 22:20 • (MSD) R3164770-5 09/20/16 22:44

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 %
Acetone	125	ND	3930	3610	62.9	57.8	50	25.0-156			8.54	21.5
Acrolein	125	ND	14100	13000	225	208	50	34.0-194	J5	J5	7.81	21.5
Acrylonitrile	125	ND	5380	5020	86.0	80.3	50	55.9-161			6.86	20
Benzene	25.0	497	1450	1410	76.1	73.4	50	58.6-133			2.34	20
Bromobenzene	25.0	ND	1200	1100	96.0	87.8	50	70.6-125			8.96	20
Bromodichloromethane	25.0	ND	1180	1100	94.3	87.9	50	69.2-127			7.07	20
Bromoform	25.0	ND	1220	1110	97.9	89.0	50	66.3-140			9.52	20
Bromomethane	25.0	ND	438	443	35.1	35.4	50	16.6-183			0.960	20.5
n-Butylbenzene	25.0	ND	1190	1050	93.3	82.5	50	64.8-145			12.1	20
sec-Butylbenzene	25.0	ND	1220	1120	96.0	87.6	50	66.8-139			8.88	20
tert-Butylbenzene	25.0	ND	1210	1120	96.7	89.3	50	67.1-138			7.96	20
Carbon tetrachloride	25.0	ND	949	899	75.9	72.0	50	60.6-139			5.32	20
Chlorobenzene	25.0	ND	1190	1110	95.2	88.6	50	70.1-130			7.11	20
Chlorodibromomethane	25.0	ND	1160	1080	93.0	86.2	50	71.6-132			7.62	20
Chloroethane	25.0	ND	726	700	58.1	56.0	50	33.3-155			3.59	20
2-Chloroethyl vinyl ether	125	ND	2830	2660	45.3	42.5	50	5.00-149			6.23	40
Chloroform	25.0	ND	1020	984	81.7	78.7	50	66.1-133			3.75	20
Chloromethane	25.0	ND	616	602	49.3	48.2	50	40.7-139			2.31	20
2-Chlorotoluene	25.0	ND	1230	1160	98.5	92.4	50	66.9-134			6.35	20
4-Chlorotoluene	25.0	ND	1140	1040	91.4	83.1	50	66.8-134			9.52	20
1,2-Dibromo-3-Chloropropane	25.0	ND	1200	1070	95.9	86.0	50	63.9-142			10.9	20.2
1,2-Dibromoethane	25.0	ND	1120	1060	89.6	85.0	50	73.8-131			5.26	20
Dibromomethane	25.0	ND	1100	998	87.8	79.8	50	72.8-127			9.55	20
1,2-Dichlorobenzene	25.0	ND	1180	1060	94.7	85.2	50	77.4-127			10.6	20
1,3-Dichlorobenzene	25.0	ND	1160	1060	93.0	84.4	50	67.9-136			9.66	20
1,4-Dichlorobenzene	25.0	ND	1120	981	89.8	78.5	50	74.4-123			13.4	20
Dichlorodifluoromethane	25.0	ND	981	1040	78.4	83.0	50	42.2-146			5.62	20
1,1-Dichloroethane	25.0	ND	1020	988	81.6	79.1	50	64.0-134			3.14	20
1,2-Dichloroethane	25.0	ND	971	916	77.7	73.3	50	60.7-132			5.82	20
1,1-Dichloroethene	25.0	ND	807	756	64.6	60.5	50	48.8-144			6.53	20
cis-1,2-Dichloroethene	25.0	ND	938	899	75.1	71.9	50	60.6-136			4.30	20
trans-1,2-Dichloroethene	25.0	ND	815	773	65.2	61.8	50	61.0-132			5.31	20
1,2-Dichloropropane	25.0	ND	1150	1100	92.2	88.3	50	69.7-130			4.34	20
1,1-Dichloropropene	25.0	ND	885	832	70.8	66.6	50	61.5-136			6.17	20
1,3-Dichloropropane	25.0	ND	1160	1080	92.4	86.1	50	74.3-123			7.12	20
cis-1,3-Dichloropropene	25.0	ND	1120	1030	89.3	82.2	50	71.1-129			8.33	20
trans-1,3-Dichloropropene	25.0	ND	1200	1120	96.3	89.9	50	66.3-136			6.86	20
2,2-Dichloropropane	25.0	ND	946	900	75.7	72.0	50	54.9-142			5.00	20
Di-isopropyl ether	25.0	ND	1070	1010	85.7	80.9	50	59.9-140			5.83	20
Ethylbenzene	25.0	7040	7680	7740	51.4	56.3	50	62.7-136	V	V	0.790	20

L859389-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L859389-16 09/21/16 04:16 • (MS) R3164770-4 09/20/16 22:20 • (MSD) R3164770-5 09/20/16 22:44

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 %
Hexachloro-1,3-butadiene	25.0	ND	1150	1050	92.2	84.2	50	61.1-144			9.05	20.1
Isopropylbenzene	25.0	203	1360	1280	92.5	86.4	50	67.4-136			5.71	20
p-Isopropyltoluene	25.0	ND	1230	1130	98.4	90.4	50	62.8-143			8.45	20
2-Butanone (MEK)	125	ND	5200	4750	83.2	76.0	50	45.0-156			8.96	20.8
Methylene Chloride	25.0	ND	852	791	68.2	63.3	50	61.5-125			7.40	20
4-Methyl-2-pentanone (MIBK)	125	ND	5770	5360	92.3	85.7	50	60.7-150			7.32	20
Methyl tert-butyl ether	25.0	ND	1030	961	82.8	76.9	50	61.4-136			7.33	20
1-Methylnaphthalene	25.0	ND	1340	1220	107	97.6	50	40.2-168			9.22	22.5
2-Methylnaphthalene	25.0	ND	1280	1150	102	91.8	50	37.8-170			10.7	24.5
Naphthalene	25.0	704	1950	1810	99.8	88.3	50	61.8-143			7.67	20
n-Propylbenzene	25.0	530	1670	1570	91.4	83.5	50	63.2-139			6.09	20
Styrene	25.0	ND	1210	1100	96.7	88.2	50	68.2-133			9.21	20
1,1,1,2-Tetrachloroethane	25.0	ND	1220	1170	97.2	93.4	50	70.5-132			4.01	20
1,1,2,2-Tetrachloroethane	25.0	ND	1240	1150	99.2	91.9	50	64.9-145			7.66	20
Tetrachloroethene	25.0	ND	1010	947	80.9	75.8	50	57.4-141			6.56	20
Toluene	25.0	256	1270	1220	81.3	77.4	50	67.8-124			3.96	20
1,1,2-Trichlorotrifluoroethane	25.0	ND	948	904	75.8	72.3	50	53.7-150			4.79	20
1,2,3-Trichlorobenzene	25.0	ND	1210	1060	96.5	85.0	50	65.7-143			12.6	20
1,2,4-Trichlorobenzene	25.0	ND	1180	1060	94.4	84.8	50	67.0-146			10.7	20
1,1,1-Trichloroethane	25.0	ND	1020	975	81.5	78.0	50	58.7-134			4.42	20
1,1,2-Trichloroethane	25.0	ND	1160	1080	92.5	86.5	50	74.1-130			6.75	20
Trichloroethene	25.0	ND	1020	942	81.9	75.3	50	48.9-148			8.36	20
Trichlorofluoromethane	25.0	ND	906	874	72.5	69.9	50	39.9-165			3.56	20
1,2,3-Trichloropropane	25.0	ND	1220	1110	97.3	89.0	50	71.5-134			8.87	20
1,2,3-Trimethylbenzene	25.0	998	2120	2000	89.5	79.9	50	62.7-133			5.87	20
1,2,4-Trimethylbenzene	25.0	4210	5170	5080	76.7	69.8	50	60.5-137			1.69	20
1,3,5-Trimethylbenzene	25.0	838	1940	1840	88.0	80.5	50	67.9-134			4.91	20
Vinyl chloride	25.0	ND	728	724	58.3	57.9	50	44.3-143			0.570	20
Xylenes, Total	75.0	23800	25600	25700	47.5	49.2	50	65.6-133	V	V	0.260	20
(S) Toluene-d8					*101*	*102*		*90.0-115*				
(S) Dibromofluoromethane					*91.6*	*89.9*		*79.0-121*				
(S) 4-Bromofluorobenzene					*104*	*103*		*80.1-120*				

Method Blank (MB)

(MB) R3165297-3 09/19/16 00:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		10.0	50.0
Acrolein	U		8.87	50.0
Acrylonitrile	U		1.87	10.0
Benzene	U		0.331	1.00
Bromobenzene	U		0.352	1.00
Bromodichloromethane	U		0.380	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 tetrachloride	U		0.379	1.00
Chlorobenzene	U		0.348	1.00
Chlorodibromomethane	U		0.327	1.00
Chloroethane	U		0.453	5.00
2-Chloroethyl vinyl ether	U		3.01	50.0
Chloroform	U		0.324	5.00
Chloromethane	U		0.276	2.50
2-Chlorotoluene	U		0.375	1.00
4-Chlorotoluene	U		0.351	1.00
1,2-Dibromo-3-Chloropropane	U		1.33	5.00
1,2-Dibromoethane	U		0.381	1.00
Dibromomethane	U		0.346	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
1,1-Dichloropropene	U		0.352	1.00
1,3-Dichloropropane	U		0.366	1.00
cis-1,3-Dichloropropene	U		0.418	1.00
trans-1,3-Dichloropropene	U		0.419	1.00
2,2-Dichloropropane	U		0.321	1.00
Di-isopropyl ether	U		0.320	1.00
Ethylbenzene	U		0.384	1.00

Method Blank (MB)

(MB) R3165297-3 09/19/16 00:47

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Hexachloro-1,3-butadiene	U		0.256	1.00
Isopropylbenzene	U		0.326	1.00
p-Isopropyltoluene	U		0.350	1.00
2-Butanone (MEK)	U		3.93	10.0
Methylene Chloride	U		1.00	5.00
4-Methyl-2-pentanone (MIBK)	U		2.14	10.0
Methyl tert-butyl ether	U		0.367	1.00
1-Methylnaphthalene	U		5.03	10.0
2-Methylnaphthalene	U		3.30	10.0
Naphthalene	U		1.00	5.00
n-Propylbenzene	U		0.349	1.00
Styrene	U		0.307	1.00
1,1,1,2-Tetrachloroethane	U		0.385	1.00
1,1,2,2-Tetrachloroethane	U		0.130	1.00
Tetrachloroethene	U		0.372	1.00
Toluene	U		0.780	5.00
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
1,2,3-Trichloropropane	U		0.807	2.50
1,2,3-Trimethylbenzene	U		0.321	1.00
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
Xylenes, Total	U		1.06	3.00
(S) Toluene-d8	*99.9*			*90.0-115*
(S) Dibromofluoromethane	*91.9*			*79.0-121*
(S) 4-Bromofluorobenzene	*101*			*80.1-120*

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

(LCS) R3165297-1 09/18/16 23:43 • (LCSD) R3165297-2 09/19/16 00:04

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 %
Acetone	125	138	124	111	99.3	28.7-175			10.6	20.9
Acrolein	125	157	147	125	117	40.4-172			6.66	20
Acrylonitrile	125	135	125	108	99.8	58.2-145			8.18	20
Benzene	25.0	27.7	27.5	111	110	73.0-122			0.960	20
Bromobenzene	25.0	26.7	26.8	107	107	81.5-115			0.460	20
Bromodichloromethane	25.0	26.6	26.5	107	106	75.5-121			0.690	20
Bromoform	25.0	26.8	26.7	107	107	71.5-131			0.630	20
Bromomethane	25.0	27.0	27.9	108	112	22.4-187			3.46	20
n-Butylbenzene	25.0	23.7	23.6	95.0	94.5	75.9-134			0.450	20
sec-Butylbenzene	25.0	24.4	24.4	97.6	97.7	80.6-126			0.0500	20
tert-Butylbenzene	25.0	26.0	26.0	104	104	79.3-127			0.210	20
Carbon tetrachloride	25.0	25.5	25.8	102	103	70.9-129			1.13	20
Chlorobenzene	25.0	28.8	28.6	115	114	79.7-122			0.510	20
Chlorodibromomethane	25.0	28.4	28.2	113	113	78.2-124			0.770	20
Chloroethane	25.0	28.0	27.9	112	112	41.2-153			0.140	20
2-Chloroethyl vinyl ether	125	180	178	144	142	23.4-162			0.980	23.5
Chloroform	25.0	26.8	26.5	107	106	73.2-125			1.23	20
Chloromethane	25.0	27.5	27.1	110	108	55.8-134			1.40	20
2-Chlorotoluene	25.0	26.6	26.7	106	107	76.4-125			0.440	20
4-Chlorotoluene	25.0	27.6	27.5	110	110	81.5-121			0.120	20
1,2-Dibromo-3-Chloropropane	25.0	27.4	26.5	110	106	64.8-131			3.29	20
1,2-Dibromoethane	25.0	30.2	29.9	121	120	79.8-122			1.09	20
Dibromomethane	25.0	28.4	28.4	114	114	79.5-118			0.0500	20
1,2-Dichlorobenzene	25.0	26.3	26.1	105	104	84.7-118			1.04	20
1,3-Dichlorobenzene	25.0	26.2	26.0	105	104	77.6-127			0.530	20
1,4-Dichlorobenzene	25.0	26.0	26.3	104	105	82.2-114			1.01	20
Dichlorodifluoromethane	25.0	29.5	29.5	118	118	56.0-134			0.170	20
1,1-Dichloroethane	25.0	26.9	27.1	108	108	71.7-127			0.440	20
1,2-Dichloroethane	25.0	27.9	27.7	112	111	65.3-126			0.570	20
1,1-Dichloroethene	25.0	26.7	26.9	107	108	59.9-137			1.04	20
cis-1,2-Dichloroethene	25.0	27.8	27.5	111	110	77.3-122			1.09	20
trans-1,2-Dichloroethene	25.0	27.8	27.9	111	112	72.6-125			0.370	20
1,2-Dichloropropane	25.0	27.3	27.1	109	108	77.4-125			0.900	20
1,1-Dichloropropene	25.0	28.7	28.5	115	114	72.5-127			0.360	20
1,3-Dichloropropane	25.0	30.0	29.9	120	120	80.6-115	J4	J4	0.460	20
cis-1,3-Dichloropropene	25.0	28.7	28.5	115	114	77.7-124			0.800	20
trans-1,3-Dichloropropene	25.0	28.4	28.1	113	112	73.5-127			0.840	20
2,2-Dichloropropane	25.0	30.0	31.1	120	124	61.3-134			3.74	20
Di-isopropyl ether	25.0	25.1	25.2	100	101	65.1-135			0.430	20
Ethylbenzene	25.0	28.2	28.3	113	113	80.9-121			0.500	20

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

(LCS) R3165297-1 09/18/16 23:43 • (LCSD) R3165297-2 09/19/16 00:04

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 %
Hexachloro-1,3-butadiene	25.0	21.9	21.2	87.7	84.8	73.7-133			3.41	20
Isopropylbenzene	25.0	26.2	26.4	105	106	81.6-124			0.640	20
p-Isopropyltoluene	25.0	25.5	25.5	102	102	77.6-129			0.0300	20
2-Butanone (MEK)	125	137	129	110	103	46.4-155			6.12	20
Methylene Chloride	25.0	27.4	27.0	110	108	69.5-120			1.26	20
4-Methyl-2-pentanone (MIBK)	125	137	134	110	107	63.3-138			2.49	20
Methyl tert-butyl ether	25.0	23.0	22.0	91.9	88.1	70.1-125			4.21	20
1-Methylnaphthalene	25.0	26.3	26.1	105	105	48.8-157			0.670	20
2-Methylnaphthalene	25.0	ND	ND	0.000	0.000	55.6-154	J4	J4	0.000	20
Naphthalene	25.0	27.8	27.6	111	110	69.7-134			0.630	20
n-Propylbenzene	25.0	26.6	26.7	106	107	81.9-122			0.550	20
Styrene	25.0	28.6	28.6	114	114	79.9-124			0.0200	20
1,1,1,2-Tetrachloroethane	25.0	26.6	26.7	106	107	78.5-125			0.570	20
1,1,2,2-Tetrachloroethane	25.0	30.1	29.7	120	119	79.3-123			1.23	20
Tetrachloroethene	25.0	27.6	27.1	110	109	73.5-130			1.51	20
Toluene	25.0	28.0	28.0	112	112	77.9-116			0.0600	20
1,1,2-Trichlorotrifluoroethane	25.0	27.2	26.9	109	108	62.0-141			1.04	20
1,2,3-Trichlorobenzene	25.0	26.1	26.5	104	106	75.7-134			1.61	20
1,2,4-Trichlorobenzene	25.0	26.8	26.9	107	108	76.1-136			0.310	20
1,1,1-Trichloroethane	25.0	26.3	26.6	105	106	71.1-129			1.26	20
1,1,2-Trichloroethane	25.0	29.0	29.0	116	116	81.6-120			0.270	20
Trichloroethene	25.0	26.3	26.2	105	105	79.5-121			0.390	20
Trichlorofluoromethane	25.0	27.6	28.0	110	112	49.1-157			1.21	20
1,2,3-Trichloropropane	25.0	29.3	29.1	117	116	74.9-124			0.680	20
1,2,3-Trimethylbenzene	25.0	25.9	26.2	104	105	79.9-118			1.19	20
1,2,4-Trimethylbenzene	25.0	26.6	26.5	106	106	79.0-122			0.410	20
1,3,5-Trimethylbenzene	25.0	26.1	26.1	104	104	81.0-123			0.230	20
Vinyl chloride	25.0	28.9	28.4	116	114	61.5-134			1.85	20
Xylenes, Total	75.0	83.7	83.3	112	111	79.2-122			0.490	20
(S) Toluene-d8				*101*	*100*	*90.0-115*				
(S) Dibromofluoromethane				*93.0*	*92.7*	*79.0-121*				
(S) 4-Bromofluorobenzene				*98.6*	*97.3*	*80.1-120*				

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

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
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.
(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.
Rec.	Recovery.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits.
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.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

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.

State Accreditations

Alabama	40660
Alaska	UST-080
Arizona	AZ0612
Arkansas	88-0469
California	01157CA
Colorado	TN00003
Conneticut	PH-0197
Florida	E87487
Georgia	NELAP
Georgia [1]	923
Idaho	TN00003
Illinois	200008
Indiana	C-TN-01
Iowa	364
Kansas	E-10277
Kentucky [1]	90010
Kentucky [2]	16
Louisiana	AI30792
Maine	TN0002
Maryland	324
Massachusetts	M-TN003
Michigan	9958
Minnesota	047-999-395
Mississippi	TN00003
Missouri	340
Montana	CERT0086
Nebraska	NE-OS-15-05
Nevada	TN-03-2002-34
New Hampshire	2975
New Jersey–NELAP	TN002
New Mexico	TN00003
New York	11742
North Carolina	Env375
North Carolina [1]	DW21704
North Carolina [2]	41
North Dakota	R-140
Ohio–VAP	CL0069
Oklahoma	9915
Oregon	TN200002
Pennsylvania	68-02979
Rhode Island	221
South Carolina	84004
South Dakota	n/a
Tennessee [1 4]	2006
Texas	T 104704245-07-TX
Texas [5]	LAB0152
Utah	6157585858
Vermont	VT2006
Virginia	109
Washington	C1915
West Virginia	233
Wisconsin	9980939910
Wyoming	A2LA

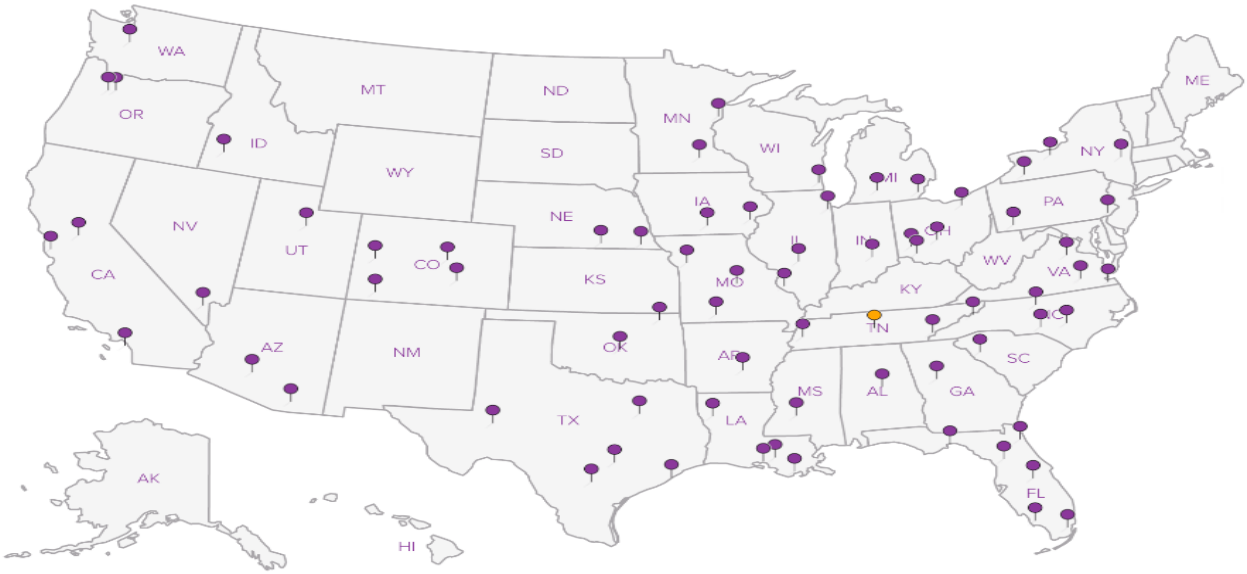
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01
A2LA – ISO 17025 [5]	1461.02
Canada	1461.01
EPA–Crypto	TN00003
AIHA	100789
DOD	1461.01
USDA	S-67674

[1.] Drinking Water [2.] Underground Storage Tanks [3.] Aquatic Toxicity [4.] Chemical/Microbiological [5.] Mold [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.**



American Environmental - IN

9127 Galene Drive, Suite D
Louisville, KY 40299

Billing Information:
Stacey Workman
8500 Georgetown Rd
Indianapolis, IN 46268

Report to: Mike Hightchew

Email To: mhightchew@aeckentucky.com

Project Description: Kiel Bros C153 - Princeton, IN

City/State Collected:

Phone: 502-491-0144
Fax:

Client Project # 244070

Lab Project # AMEENVINR-244070

Collected by (print): Mike Hightchew

Site/Facility ID # KBO / C-153

P.O. #

Collected by (signature):

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ___No X__Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

ESC LAB SCIENCE
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # L859389

G070

Acctnum: AMEENVINR
Template: T92539
Prelogin: P566462
TSR: 206 - Jeff Carr
PB: 8/09/16
Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM 40mlAmb-HCl	Lead - 6010 250mlHDPE-HNO3 L2	V8260 Full Scan 40mlAmb-HCl	Rem./Contaminant	Sample # (lab only)
MW-1	Grab	GW		9/13/16	9:00	3		X	X		-01
MW-2		GW			9:10	3		X	X		02
MW-3		GW			9:20	3		X	X		03
MW-4		GW			9:30	3		X	X		04
MW-5		GW			9:40	3		X	X		05
MW-6		GW			9:50	3		X	X		06
~~MW-7~~		~~GW~~									
MW-8	Grab	GW		9/13/16	10:10	3		X	X		07
MW-9		GW			10:20	3		X	X		08
MW-10		GW			10:30	3		X	X		09

* Matrix: SS - Soil GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

Remarks: 6903 4759 5141

pH _____ Temp _____
Flow _____ Other _____

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____
	9/13/16	5PM	6903 4759 5141 Fedex	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 2.4 °C Bottles Received: 9/14/16 27 47
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Richey Mosley	Date: 9-14-16 Time: 0900

Hold #

Condition: 0039 (lab use only)

COC Seal Intact: ____Y ____N ____NA

pH Checked: L2

NCF:

American Environmental - IN

9127 Galene Drive, Suite D
Louisville, KY 40299

Billing Information:
Stacey Workman
8500 Georgetown Rd
Indianapolis, IN 46268

Report to: Mike Hightchew

Email To: mhightchew@aeckentucky.com

Project Description: Kiel Bros C153 - Princeton, IN

City/State Collected:

Phone: 502-491-0144
Fax:

Client Project # 244070

Lab Project # AMEENVINR-244070

Collected by (print): Mike Hightchew

Site/Facility ID # KBO / C-153

P.O. #

Collected by (signature):

Immediately Packed on Ice N ____ Y ____

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ___No X__Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM 40mlAmb-HCl	Lead - 6010 250mlHDPE-HNO3	V8260 Full Scan 40mlAmb-HCl	Rem./Contaminant	Sample # (lab only)
MW-11	Grab	GW		9/13/16	10:40	3		X	X	-10	-01
MW-12	↓	GW		↓	10:50	3		X	X	11	~~02~~
MW-13		GW			11:00	3		X	X	12	~~03~~
MW-14		GW			11:10	3		X	X	13	~~04~~
MW-15		GW			11:20	3		X	X	14	05
MW-16		GW			11:30	3		X	X	15	~~06~~
DUPLICATE		GW				3		X	X	16	~~07~~
TRIP BLANK		GW				1	X			17	~~08~~

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks: 6903 4759 5141

pH _____ Temp _____
Flow _____ Other _____

Chain of Custody Page 2 of 2

ESC LAB SCIENCES

YOUR LAB OF CHOICE

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

L# 1869389

G071

Acctnum: AMEENVINR
Template: T92539
Prelogin: P566462
TSR: 206 - Jeff Carr
PB: 8/29/16 DD
Shipped Via: FedEX Ground

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	9/13/16	5PM	Fedex 6903 4759 5141
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Rickey Mosley

Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ _____

Temp: 2.4 °C Bottles Received: ~~20~~ 47

Date: 9-14-16 Time: 0900

Hold #

Condition: (lab use only) 1089

COC Seal Intact: ____Y ____N ____NA

pH Checked: L2

NCF:

ESC
L·A·B S·C·I·E·N·C·E·S
YOUR LAB OF CHOICE

Cooler Receipt Form

Client:	AMGENVENR	SDG#	L859389
Cooler Received/Opened On:	9-14-16	Temperature Upon Receipt:	2.4 °c
Received By:	Rickey Mosley		
Signature:	Rickey Mosley		

Receipt Check List	Yes	No	N/A
Were custody seals on outside of cooler and intact?			✓
Were custody papers properly filled out?	✓		
Did all bottles arrive in good condition?	✓		
Were correct bottles used for the analyses requested?	✓		
Was sufficient amount of sample sent in each bottle?	✓		
Were all applicable sample containers correctly preserved and checked for preservation? (Any not in accepted range noted on COC)	✓		
If applicable, was an observable VOA headspace present?		✓	
Non Conformance Generated. (If yes see attached NCF)			

APPENDIX C

Historical Groundwater Elevations
Historical Groundwater Analytical Results
Historical Soil Analytical Results

Table 6 Historical Groundwater Elevations Tobacco Road C-153					
Location	**Date**	**Top of Casing Elevation (ft)**	**Depth to Groundwater* (ft)**	**Free Product Thickness (ft)**	**Groundwater Elevation (ft)**
MW-1	9/13/2016	100.00	12.46	0	87.54
	6/28/2016		11.03		88.97
	3/24/2016		7.93		92.07
	12/14/2015		11.42		88.58
	9/22/2015		12.28		87.72
	6/23/2015		5.88		94.12
	3/18/2015		4.32		95.68
	1/22/2015		10.71		89.29
	12/9/2014		11.24		88.76
	9/17/2014		11.77		88.23
	6/19/2014		9.60		90.40
	3/11/2014		8.63		91.37
	1/10/2014		10.22		89.78
MW-2	9/13/2016	99.12	13.07	0	86.05
	6/28/2016		11.80		87.32
	3/24/2016		8.70		90.42
	12/14/2015		11.75		87.37
	9/22/2015		12.90		86.22
	6/23/2015		7.45		91.67
	3/18/2015		7.21		91.91
	1/22/2015		11.07		88.05
	12/9/2014		9.83		89.29
	9/17/2014		12.08		87.04
	6/19/2014		9.62		89.50
	3/11/2014		9.58		89.54
	1/10/2014		9.65		89.47
MW-3	9/13/2016	99.61	11.38	0	88.23
	6/28/2016		10.13		89.48
	3/24/2016		8.58		91.03
	12/14/2015		10.68		88.93
	9/22/2015		11.00		88.61
	6/23/2015		7.50		92.11
	3/18/2015		7.21		92.40
	1/22/2015		10.67		88.94
	12/9/2014		10.15		89.46
	9/17/2014		10.74		88.87
	6/19/2014		8.57		91.04
	3/11/2014		8.53		91.08
	1/10/2014		9.33		90.28
MW-4	9/13/2016	99.09	11.52	0	87.57
	6/28/2016		10.72		88.37
	3/24/2016		8.72		90.37
	12/14/2015		10.52		88.57
	9/22/2015		11.55		87.54
	6/23/2015		7.22		91.87
	3/18/2015		7.53		91.56
	1/22/2015		10.87		88.22
	12/9/2014		10.24		88.85
	9/17/2014		11.39		87.70
	6/19/2014		8.69		90.40
	3/11/2014		9.38		89.71
	1/10/2014		9.52		89.57

Historical Groundwater Elevations Tobacco Road C-153					
Location	**Date**	**Top of Casing Elevation (ft)**	**Depth to Groundwater* (ft)**	**Free Product Thickness (ft)**	**Groundwater Elevation (ft)**
MW-5	9/13/2016	99.72	13.41	0	86.31
	6/28/2016		12.00		87.72
	3/24/2016		9.15		90.57
	12/14/2015		12.11		87.61
	9/22/2015		13.22		86.50
	6/23/2015		7.79		91.93
	3/18/2015		6.36		93.36
	1/22/2015		11.69		88.03
	12/9/2014		11.52		88.20
	9/17/2014		12.62		87.10
	6/19/2014		9.36		90.36
	9/8/2005		9.90		89.82
	5/26/2005		9.93		89.79
MW-6	9/13/2016	99.92	14.04	0	85.88
	6/28/2016		12.16		87.76
	3/24/2016		7.08		92.84
	12/14/2015		12.10		87.82
	9/22/2015		13.71		86.21
	6/23/2015		5.62		94.30
	3/18/2015		3.02		96.90
	1/22/2015		10.34		89.58
MW-7	9/13/2016	100.89	13.25	0	87.64
	6/28/2016		11.75		89.14
	3/24/2016		7.10		93.79
	12/14/2015		9.86		91.03
	9/22/2015		13.18		87.71
	6/23/2015		5.82		95.07
	3/18/2015		6.21		94.68
	1/22/2015		9.90		90.99
MW-8	9/13/2016	99.87	14.16	0	85.71
	6/28/2016		12.65		87.22
	3/24/2016		8.95		90.92
	12/14/2015		12.37		87.50
	9/22/2015		14.11		85.76
	6/23/2015		7.93		91.94
	3/18/2015		7.37		92.50
	1/22/2015		12.04		87.83
MW-9	9/13/2016	99.02	13.78	0	85.24
	6/28/2016		12.50		86.52
	3/24/2016		8.54		90.48
	12/14/2015		12.63		86.39
	9/22/2015		13.60		85.42
	6/23/2015		8.95		90.07
	3/18/2015		5.38		93.64
	1/22/2015		11.53		87.49
MW-10	9/13/2016	98.89	13.22	0	85.67
	6/28/2016		11.98		86.91
	3/24/2016		8.74		90.15
	12/14/2015		11.98		86.91
	9/22/2015		13.06		85.83
	6/23/2015		6.34		92.55
	3/18/2015		6.80		92.09
	1/22/2015		11.36		87.53

Historical Groundwater Elevations Tobacco Road C-153					
Location	**Date**	**Top of Casing Elevation (ft)**	**Depth to Groundwater* (ft)**	**Free Product Thickness (ft)**	**Groundwater Elevation (ft)**
MW-11	9/13/2016	98.85	12.68	0	86.17
	6/28/2016		11.65		87.20
	3/24/2016		8.26		90.59
	12/14/2015		11.38		87.47
	9/22/2015		12.60		86.25
	6/23/2015		6.91		91.94
	3/18/2015		6.69		92.16
	1/22/2015		10.64		88.21
MW-12	9/13/2016	99.30	11.94	0	87.36
	6/28/2016		10.65		88.65
	3/24/2016		8.43		90.87
	12/14/2015		10.92		88.38
	9/22/2015		11.71		87.59
	6/23/2015		7.97		91.33
	3/18/2015		7.69		91.61
	1/22/2015		10.90		88.40
MW-13	9/13/2016	100.24	12.70	0	87.54
	6/28/2016		11.33		88.91
	3/24/2016		9.02		91.22
	12/14/2015		11.99		88.25
	9/22/2015		12.70		87.54
	6/23/2015		6.96		93.28
	3/18/2015		5.30		94.94
	1/22/2015		11.31		88.93
MW-14	9/13/2016	98.70	14.08	0	84.62
	6/28/2016		13.57		85.13
	3/24/2016		12.70		86.00
	12/14/2015		13.71		84.99
	9/22/2015		14.06		84.64
	6/23/2015		11.65		87.05
	3/18/2015		11.95		86.75
	1/22/2015		13.57		85.13
MW-15	9/13/2016	98.93	14.27	0	84.66
	6/28/2016		13.85		85.08
	3/24/2016		12.73		86.20
	12/14/2015		14.01		84.92
	9/22/2015		14.30		84.63
	6/23/2015		11.65		87.28
	3/18/2015		12.17		86.76
	1/22/2015		13.84		85.09
MW-16	9/13/2016	99.94	12.05	0	87.89
	6/28/2016		10.58		89.36
	3/24/2016		9.82		90.12
	12/14/2015		11.65		88.29
	9/22/2015		11.34		88.60
	6/23/2015		8.55		91.39
	3/18/2015		4.58		95.36
	1/22/2015		13.22		86.72

*Measured from top of casing

Historical Groundwater Analyses Results Tobacco Road C-153 Concentrations in parts per billion, ppb										
Location	Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Naphthalene VOC / PAH	1,2,4-Trimethylbenzene	1,2,3-Trimethylbenzene	1,3,5-Trimethylbenzene
MW-1	9/13/2016	1.21	<5	<1	5.15	<1	<5/NS	<1	3.41	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / 1.42	<1	<1	<1
	3/24/2016	1.44	5.35	10.3	22.4	<1	5.11 4.43	3.74	7.94	2.76
	12/14/2015	2.4	8.91	4.07	13.9	<1	<5 / 4.44	1.01	6.13	1.7
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	2.24	1.66	<1
	6/23/2015	<1	<5	4.11	11.2	<1	<5	5.64	3.95	2.14
	3/18/2015	1.3	ND	5.1	13	<1	<5 / 1.6	5.4	4.4	2.4
	12/9/2014	3.4	7.8	10	21	<1	7.1	6	6.5	5.3
	9/17/2014	3.4	<5	9.7	11	<1	6	5.9	6.5	6.6
	6/19/2014	2.3	<5	7.6	14	<1	5.1	8.1	8	12
	3/11/2014	3.7	<5	3.2	12	<1	<5	2.9	6.1	17
	1/10/2014	14	21	53	81	<1	38	28	29	50
MW-2	9/13/2016	78	6.18	1.44	12.3	8.27	<5/NS	1.03	3.42	<5
	6/28/2016	88.6	<25	<5	17.9	<5	<25 / 5.03	<5	<5	<5
	3/24/2016	72.1	<100	<20	<60	<20	<100 / 2.06	<20	<20	<20
	12/14/2015	141	<25	<5	17.4	11	<25 / 5.19	5.3	6.29	<5
	9/22/2015	103	<25	<5	<15	16.4	<25 / 3.65	<5	<5	<5
	6/23/2015	35.8	<25	5.52	32.1	<5	27.6	22.6	11.8	6.12
	3/18/2015	76	ND	ND	ND	6.2	ND	ND	ND	ND
	12/9/2014	120	<25	<5	19	11	<25	<5	<5	<5
	9/17/2014	160	<25	<5	<15	23	<25	<5	<5	<5
	6/19/2014	88	<25	<5	24	8.6	<25	<5	7.3	<5
	3/11/2014	130	<25	<5	22	<5	<25	<5	<5	<5
	1/10/2014	340	260	140	180	60	42	17	33	29
MW-3	9/13/2016	1.02	<5	2.35	4.53	10.5	<5/NS	<1	6.21	1.17
	6/28/2016	<1	<5	<1	<3	9.54	<5 / 3.31	1.27	3.56	1.75
	3/24/2016	<1	<5	5.9	5.65	11.1	<5 / 3.6	2.92	3.78	2.8
	12/14/2015	1.01	<5	3.05	6.71	18.3	<5 / 4.76	12	4.54	7.43
	9/22/2015	<1	<5	5.09	7.14	<1	12.6 / 5.41	18	8.57	9.7
	6/23/2015	<1	<5	11	6.42	<1	9.13	29.5	7.48	18
	3/18/2015	ND	ND	26	16	16	<25 / 21	33	12	18
	12/9/2014	<5	<25	59	36	<1	55	79	48	38
	9/17/2014	<5	<25	85	48	29	94	100	68	40
	6/19/2014	<5	<25	120	66	28	97	74	100	35
	3/11/2014	8.2	<25	200	290	<5	120	360	140	65
	1/10/2014	51	45	540	1,500	39	450	850	270	110
MW-4	9/13/2016	<1	<5	4.71	<3	<1	<5/NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.5	<1	<1	<1
	12/14/2015	<1	<5	8.37	<3	<1	<5 / <0.25	7.94	2.04	<1
	9/22/2015	<1	<5	51.2	<3	<1	<5 / 1.63	<2.5	95.1	13.3
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	2	ND	ND
	12/9/2014	<10	<25	460	580	<1	300	1,200	240	30
	9/17/2014	<10	<50	360	440	<10	280	1,100	250	34
	6/19/2014	<25	<120	120	200	<25	<120	310	110	29
	3/11/2014	<25	<120	430	790	<25	260	1,300	380	49
	1/10/2014	9.2	28	1200	1,700	15	860	2,600	720	48
MW-5	9/13/2016	519	262	6,270	19,900	<20	745/NS	4,690	1,040	879
	6/28/2016	382	176	4,720	15,100	<20	571 / 612	3,780	1,000	821
	3/24/2016	335	<250	4,700	14,500	<50	466 / 385	2,970	720	619
	12/14/2015	664	<1000	4,830	15,700	<200	<1,000 / 647	2,780	874	604
	9/22/2015	528	353	5,750	18,100	<25	528 / 448	3,440	834	689
	6/23/2015	222	<120	2,460	4,990	<25	264	1,840	255	413
	3/18/2015	330	ND	2,800	8,200	ND	<1000 / 190	1,700	510	420
	12/9/2014	590	<1,000	4,700	16,000	<1	<1,000	3,300	900	710
	9/17/2014	820	1,400	6,400	22,000	<1	<1,000	3,700	1,000	820
	6/19/2014	330	<1,000	4,300	15,000	<200	<1,000	3,900	1,000	870
	3/11/2014	760	1,200	590	23,000	<200	<1000	3,400	870	790
	1/10/2014	1,000	3,800	6,800	24,000	<20	1,100	3,000	980	870
MW-6	9/13/2016	<1	<5	<1	<3	<1	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / 0.439	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	<1	<5 / 0.336	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	1.7	4.3	ND	ND	3.2	ND	ND

Historical Groundwater Analyses Results Tobacco Road C-153 Concentrations in parts per billion, ppb										
							Naphthalene			
MW-7	9/13/2016	Not Enough Water to Sample								
	6/28/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	1.06	<1	<1
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-8	9/13/2016	<1	<5	<1	<3	<1	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-9	9/13/2016	<1	<5	<1	<3	2.9	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	1.89	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	3.12	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	6.54	<5 / <0.25	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	2.94	<5 / <0.25	<1	<1	<1
	6/23/2015	<1	<5	<1	<3	1.41	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	1.6	ND	ND	ND	ND
	1/22/2015	ND	ND	10	ND	ND	ND	1.5	ND	ND
MW-10	9/13/2016	<1	<5	<1	<3	<1	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-11	9/13/2016	<1	<5	<1	<3	<1	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	ND	ND	ND	ND	1.3	ND	ND
MW-12	9/13/2016	<10	<50	2,500	2,330	<10	442 / NS	1,170	122	408
	6/28/2016	<1	<5	625	351	<1	153 / 180	883	48.7	74.2
	3/24/2016	<10	<50	952	164	<10	110 / 105	533	14.2	29.4
	12/14/2015	<50	<250	2,800	1,250	<50	320 / 391	1,490	112	364
	9/22/2015	<50	<250	2,860	1,750	<50	364 / 288	2,390	306	646
	6/23/2015	<1	<5	825	<3	<1	<5	301	<50	349
	3/18/2015	ND	ND	2,500	4,300	ND	300 / 380	2,300	580	590
	1/22/2015	5.8	ND	3,600	6,600	ND	340 / 420	3,000	820	870
MW-13	9/13/2016	<1	<5	752	515	<1	165 / NS	883	188	154
	6/28/2016	<1	<5	489	220	<1	102 / 93.7	1,150	52.6	110
	3/24/2016	<1	<5	96	36.5	<1	17.4 / 61.6	117	8.33	13.2
	12/14/2015	<50	<250	1,050	399	<50	<250 / 233	1,100	113	130
	9/22/2015	<1	<5	1,510	254	<50	<250 / 165	850	77.7	206
	6/23/2015	<1	<5	1.76	5.64	<1	5.95	22.2	1.6	60
	3/18/2015	ND	ND	300	560	ND	47 / 10	520	190	200
	1/22/2015	ND	ND	2,700	4,400	ND	290 / 260	3,600	820	980
MW-14	9/13/2016	<1	<5	<1	<3	<1	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	9/22/2015	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	6/23/2015	<1	<5	<1	<3	<1	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-15	9/13/2016	<1	<5	<1	<3	<1	<5 / NS	<1	<1	<1
	6/28/2016	<1	<5	<1	<3	2.74	<5 / <0.25	<1	<1	<1
	3/24/2016	<1	<5	<1	<3	<1	<5 / <0.25	<1	<1	<1
	12/14/2015	<1	<5	<1	<3	1.11	<5 / <0.25	<1	1.66	<1
	9/22/2015	<1	<5	<1	<3	1.11	<5 / <0.25	<1	1.66	<1
	6/23/2015	<1	<5	<1	<3	3.09	<5	<1	<1	<1
	3/18/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1/22/2015	ND	ND	ND	ND	ND	ND	ND	ND	ND

Historical Groundwater Analyses Results Tobacco Road C-153 Concentrations in parts per billion, ppb										
							Naphthalene			
MW-16	9/13/2016	60.7	<50	1,970	3,920	<50	436 / NS	1,470	165	957
	6/28/2016	69.7	<250	1,510	2,390	<50	368 / 803	1,810	100	803
	3/24/2016	68	<250	1,430	2,540	<50	<250 / 246	1,640	135	709
	12/14/2015	61	<250	1,990	2,330	<50	<250 / 299	1,390	65.5	917
	9/22/2015	67.6	<250	1,660	1,620	<50	403 / 254	946	<50	796
	6/23/2015	88.7	<5	2,490	<3	<1	484	1,330	<1	1,210
	3/18/2015	64	ND	1,600	8,000	ND	280 / 410	2,400	760	740
	1/22/2015	60	150	2,900	12,000	ND	340 / 320	3,700	750	950
DUP (MW-5)	9/13/2016	497	256	7,040	23,800	<20	704 / NS	4,210	998	838
DUP (MW-5)	6/28/2016	364	160	4,710	15,100	<20	492 / 570	3,660	956	799
DUP (MW-5)	3/24/2016	337	<250	3,750	11,700	<50	487 / 387	2,420	672	503
DUP (MW-5)	12/14/2015	499	250	5,210	17,700	<50	586	3,580	961	710
DUP (MW-5)	9/22/2015	575	372	5,620	18,500	<50	626	3,440	869	736
DUP (MW-16)	6/23/2015	67.8	<5	1,820	<3	<1	398	992	<50	906
DUP (MW-5)	3/18/2015	260	ND	2,300	6,500	ND	<250 / 12	1,500	420	370
DUP (MW-4)	12/9/2014	<10	<25	430	540	<1	240	1,100	190	28
DUP (MW-5)	9/17/2014	880	1,500	5,700	21,000	<25	740	4,000	1,100	870
DUP (MW-4)	6/19/2014	<25	<120	200	240	<25	140	480	96	28
DUP (MW-4)	3/11/2014	<5	<25	370	680	<5	230	1,200	350	40
DUP (MW-2)	1/10/2014	290	230	150	170	49	<50	16	29	26
Groundwater Residential Tap Levels		5	1,000	700	10,000	120	1.4	15	10	87

The IDEM "Minimum Data Documentation Requirements" are provided in the attached laboratory report.
Naphthalene value is naphthalene (VOC) / naphthalene (PAH)